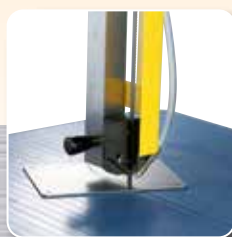


03 | 2024

## **SAW MACHINES**



CS 225  
CS 250 eco  
CS 250  
CS 315 L  
CS 350 L  
CS 275 H  
CS 315 H  
CS 350 SA  
EBS 85 B  
EBS 100 B  
EBS 100 C  
EBS 100 S  
EBS 125 Vario

Vario 150 T  
HBS 128 G  
EBS 115  
EBS 150 GC  
EBS 150 BC  
EBS 128 C  
EBS 128 CL  
EBS 181  
EBS 181 G  
GBS 200 B  
GBS 200 G  
MCB 210 eco  
MCB 270 eco

MCB 320 eco  
HBS 150 Z  
HBS 210 Pro  
HBS 210 Pro Vario  
HBS 275  
HBS 275 Vario  
HBS 275 PRO  
HBS 275 PRO Vario  
MBS 280 DG PRO  
MBS 280 DG-V PRO  
MBS 290 DG PRO  
MBS 290 DG-V PRO  
MBS 300 DG PRO

MBS 300 DG-V  
PRO  
MBS 315 DG-VR  
PRO  
MBS 350 DG-VR  
PRO  
MBS 530 DG  
MBS 300 DGA  
MBS 350 DGA  
MBS 350 DGA-V  
MBS 530 DGA-V  
DGS 460 HV  
CBS 280

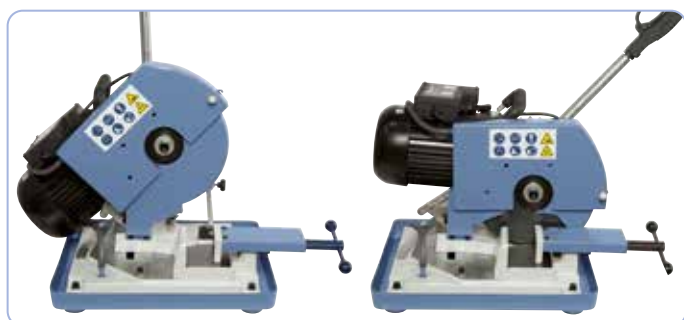
CBS 400  
CBS 280 G  
CBS 280 VA  
CGS 330 VAG  
BSM 330 NC  
BSM 330 NC Pro  
BSM 430 NC  
BSM 430 NC Pro  
BSM 530  
BSM 530 NC Pro  
BSMG 300 NC  
BSMG 400 NC  
BSMG 600 NC

# Manual assembling saw

# CS 225

The CS 225 compact portable saw features a light-weight construction and practical size to make it ideal for the use at building sites and assembly works.

- Solid reduction gearbox running in oil bath
- Automatic coolant membrane pump comes complete with coolant filter
- Suitable for cutting of profiles, pipes and solid materials etc.
- Cast iron base features integrated coolant tank (approx. 1.5 l capacity)
- Ergonomic control handle includes safety switch
- High-quality materials ensure smooth, vibration-free run
- Large range of applications guarantees optimal price-benefit ratio
- Includes workpiece fence to increase efficiency



Protective saw blade cover in accordance with CE-standards closes automatically when lifting.

Including  
sawblade HSS



Ergonomic carry handle allows for easy transport.



Suitable for straight and mitre cutting up to 45° left.

Optimal  
price-performance ratio



Picture with  
optionally  
available stand

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## Technical data

## CS 225

|  |                    |
|--|--------------------|
| Sawblade dimension                     | 225 x 32 mm        |
| Speed                                  | 86 rpm             |
| Max. opening                           | 70 mm              |
| Coolant capacity approx.               | 1,5 l              |
| Motor power output S <sub>1</sub> 100% | 1,1 kW             |
| Motor power input S <sub>6</sub> 40%   | 1,5 kW             |
| Voltage                                | 230 V              |
| Machine dimension (W x D x H)          | 570 x 650 x 720 mm |
| Weight approx.                         | 33 kg              |
| Art. no.                               | 04-1839            |

## Cutting capacity

|          | ○     | □          | ▭          | ●     | ■          |
|----------|-------|------------|------------|-------|------------|
| 90°      | 60 mm | 60 x 60 mm | 70 x 60 mm | 45 mm | 40 x 40 mm |
| 45° left | 60 mm | 55 x 55 mm | 70 x 55 mm | 45 mm | 40 x 40 mm |

## Standard accessories:

- Sawblade HSS 225 x 2,0 x 32 mm, 150T
- Coolant device with filter
- Material fence

## Optional accessories:

- Sawblade HSS 225 x 2,0 x 32 mm, 150T
- Moveable stand
- Magnetic chip collector
- Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 48-1036  |           |
| 56-1081  |           |
| 51-1050  |           |
| 54-1206  |           |

# Manual assembling saw

# CS 250 eco

Saw machines

The manual assembling saw CS 250 eco offer an Attractive price-to-performance ratio for price conscious users. The solid construction, precise cutting results and high user friendliness make these machines essential for do-it-yourself as well as for building sites and assembly works.

- Gear head swings 45° left and right for mitre cutting
- Gear unit features hardened, polished worm shaft and bronze worm wheel
- Ideal for cutting of steel, light metals and plastics
- Ergonomically shaped handle with push button for high work comfort
- Reduction gear unit, quietly running in oil bath
- Precise, self-centering double-clamping vice positioned on four guidings
- Protective cover opens automatically when cutting



Centrally clamping vice features longitudinally adjustable jaws.



Protective cover opens automatically when lowering the gear head.



Gear head swivels 45° left and right for mitre cutting

Including  
coolant device

## Cutting capacity

|     | ●     | ○     | □          | ▢          |
|-----|-------|-------|------------|------------|
| 90° | 50 mm | 60 mm | 60 x 60 mm | 35 x 70 mm |
| 45° | 45 mm | 60 mm | 60 x 60 mm | 35 x 70 mm |

## Technical data

### CS 250 eco

|  |                     |
|--|---------------------|
| Sawblade dimension                     | 250 x 32 mm         |
| Speed                                  | 64 rpm              |
| Max. opening                           | 110 mm              |
| Working height                         | 880 mm              |
| Motor power output S <sub>1</sub> 100% | 0,75 kW             |
| Motor power input S <sub>6</sub> 40%   | 1,1 kW              |
| Voltage                                | 230 V               |
| Machine dimension (W x D x H)          | 825 x 700 x 1560 mm |
| Weight approx.                         | 85 kg               |
| Art. no.                               | 04-1838             |

## Standard accessories:

- Coolant device with filter
- Stand
- Material fence
- Self-centering vice

## Optional accessories:

Sawblade HSS TiN-coated 250 x 2,5 x 32 mm, T128  
Magnetic chip collector  
Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 48-1037  |           |
| 51-1050  |           |
| 54-1206  |           |

Stand  
serially



# Manual metal circular saw

# CS 250

The low-cost CS 250 circular saw features a tiltable gear head and high versatility. This model is predominantly designed for construction sites, agricultural use and craftsmen.

- Gear unit features hardened and polished worm shaft and bronze worm gear
- Gear head swivels 45° left and right for mitre cutting
- Reduction gear unit runs in oil bath
- Ideal for cutting of profiles, tubes, full-rivet material etc.
- Safety cover opens automatically when cutting
- Large cast iron base with integrated coolant tank
- Large vice with star handle and quick clamping lever - ideal for serial section
- Ergonomic control handle with safety switch
- Automatic coolant pump with filter included
- Large, self-centering vice complete with longitudinally adjustable jaws



Large vice with star handle, quick clamping lever and special jaws for precise and burr-free cutting.



Gear head swings 45° left and right for mitre cutting.

Low speed  
40 / 80 rpm



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## Technical data

## CS 250

|  |                      |
|--|----------------------|
| Sawblade dimension                     | 250 x 32 mm          |
| Speed                                  | 40 / 80 rpm          |
| Max. opening                           | 115 mm               |
| Working height                         | 850 mm               |
| Motor power output S <sub>1</sub> 100% | 0,75 / 1,1 kW        |
| Motor power input S <sub>6</sub> 40%   | 1,1 / 1,6 kW         |
| Voltage                                | 400 V                |
| Machine dimension (W x D x H)          | 840 x 1150 x 1570 mm |
| Weight approx.                         | 124 kg               |
| Art. no.                               | 04-1841              |

## Cutting capacity

|     | ●     | ○     | □          | ▢          |
|-----|-------|-------|------------|------------|
| 90° | 60 mm | 65 mm | 65 x 65 mm | 90 x 50 mm |
| 45° | 50 mm | 50 mm | 50 x 50 mm | 55 x 50 mm |

## Standard accessories:

- Coolant device with filter
- Stand
- Material fence
- Vice with quick clamping lever

**Optimal  
price-performance ratio**

## Optional accessories:

|  |         |
|--|---------|
| Sawblade HSS TiN-coated 250 x 2,5 x 32 mm, T128 (CS 250)   | 48-1037 |
| Sawblade HSS TiN-coated 315 x 2,5 x 32 mm, T160 (CS 315 L) | 48-1040 |
| Sawblade HSS TiN-coated 350 x 2,5 x 32 mm, T160 (CS 350 L) | 48-1044 |
| Magnetic chip collector                                    | 51-1050 |
| Universal coolant fluid MN 1103, 5 l canister              | 54-1206 |

Art. no. excl. VAT



# Manual metal circular saws

The cold circular saws of the CS-series come with a wide range of standard equipment. Unbeatable in terms of price-to-performance ratio, these machines are ideal for metal workshops. The special vice guarantees precise, burr-free cutting.

## CS 315 L CS 350 L

Saw machines

- Double vice with material fence, for mitre cutting up to 45°
- Ideal for cutting of steel, light metals and plastics
- Sawblade cover according to CE, closes automatically when lifting the saw arm
- Ergonomic control handle with 24 V safety switch
- Precise cutting results due to the special vice which clamps workpiece on the right and left side of the sawblade
- Serially equipped with TiN-coated sawblade
- Low speed range of the sawblade is ideal for cutting of stainless steel
- Hardened, polished gears in oil bath
- Coolant device is positioned inside the machine frame, requiring minimum space

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Large, self-centering vice complete with longitudinally adjustable jaws.



Gear head swivels 45° left and right for mitre cutting

HSS-TiN-sawblade included



Low speed  
18 / 36 rpm

| Technical data                         | CS 315 L             | CS 350 L             |
|--|----------------------|----------------------|
| Sawblade dimension                     | 315 x 32 mm          | 350 x 32 mm          |
| Speeds                                 | 18 / 36 rpm          | 18 / 36 rpm          |
| Max. opening                           | 140 mm               | 145 mm               |
| Working height                         | 960 mm               | 960 mm               |
| Motor power output S <sub>1</sub> 100% | 0,75 / 1,3 kW        | 0,75 / 1,3 kW        |
| Motor power input S <sub>6</sub> 40%   | 1,1 / 1,8 kW         | 1,1 / 1,8 kW         |
| Voltage                                | 400 V                | 400 V                |
| Machine dimension (W x D x H)          | 550 x 1000 x 1860 mm | 550 x 1000 x 1910 mm |
| Weight approx.                         | 210 kg               | 215 kg               |
| Art. no.                               | 04-1885              | 04-1887              |

| Cutting capacity CS 315 L | ●     | ○      | □          | ■          | ▭           |
|---------------------------|-------|--------|------------|------------|-------------|
| 90°                       | 55 mm | 100 mm | 95 x 95 mm | 50 x 50 mm | 140 x 85 mm |
| 60°                       | 45 mm | 100 mm | 90 x 90 mm | 40 x 40 mm | 110 x 90 mm |
| 45°                       | 45 mm | 100 mm | 90 x 90 mm | 40 x 40 mm | 100 x 90 mm |

| Cutting capacity CS 350 L | ●     | ○      | □            | ■          | ▭            |
|---------------------------|-------|--------|--------------|------------|--------------|
| 90°                       | 60 mm | 110 mm | 110 x 110 mm | 60 x 60 mm | 140 x 100 mm |
| 60°                       | 55 mm | 110 mm | 100 x 100 mm | 45 x 45 mm | 120 x 100 mm |
| 45°                       | 55 mm | 105 mm | 100 x 100 mm | 45 x 45 mm | 100 x 100 mm |

Standard accessories:

- Coolant device with filter
- Self-centering vice
- TiN-coated sawblade
- Material fence
- Stand

# Manual metal circular saws

## CS-Serie

The CS 275 H und CS 315 H manual metal circular saws feature 2 speed settings, making them ideal models for sawing of profiles, pipes and solid iron, stainless steel and non-ferrous metal. The solid construction, precise cutting results and high user friendliness make these machines essential for metal workshops.

- Gear head swivels 90° to both sides for slotting
- Removeable coolant tank integrated in solid machine base
- Gear unit features hardened, polished worm shaft and bronze worm wheel
- Protective cover opens automatically when cutting
- Precise, self-centering double-clamping vice positioned on four guidings
- Ergonomically shaped handle with push button for high work comfort
- Low saw blade speed (19 / 38 rpm) is ideal for cutting solid materials (CS 315 H)
- Reduction gear unit, quietly running in oil bath



Centrally clamping vice features longitudinally adjustable jaws.



Powerful coolant device integrated in base, hence requiring little space.

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**Low speed**  
**19 / 38 rpm**

**CS 315 H**

### Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Sawblade HSS TiN-coated 275 x 2,5 x 40 mm, T140 | 48-1025  |           |
| Sawblade HSS TiN-coated 315 x 2,5 x 40 mm, T160 | 48-1026  |           |
| Magnetic chip collector                         | 51-1050  |           |
| Universal coolant fluid MN 1103, 5 l canister   | 54-1206  |           |

| Technical data                         | CS 275 H            | CS 315 H             |
|--|---------------------|----------------------|
| Sawblade dimension                     | 275 x 40 mm         | 315 x 40 mm          |
| Speeds                                 | 48 / 96 rpm         | 19 / 38 rpm          |
| Max. opening                           | 110 mm              | 150 mm               |
| Working height                         | 900 mm              | 920 mm               |
| Motor power output S <sub>1</sub> 100% | 1,4 / 2,0 kW        | 0,75 / 1,5 kW        |
| Motor power input S <sub>6</sub> 40%   | 2,0 / 2,8 kW        | 1,0 / 2,1 kW         |
| Voltage                                | 400 V               | 400 V                |
| Machine dimension (W x D x H)          | 460 x 840 x 1740 mm | 530 x 1000 x 1740 mm |
| Weight approx.                         | 175 kg              | 235 kg               |
| Art. no.                               | 04-1890             | 04-1891              |

| Cutting capacity CS 275 H | ●     | ●     | □          | ■          | □          | ■          |
|---------------------------|-------|-------|------------|------------|------------|------------|
| 90°                       | 70 mm | 70 mm | 70 x 70 mm | 70 x 70 mm | 70 x 60 mm | 70 x 60 mm |
| 45°                       | 60 mm | 60 mm | 60 x 60 mm | 60 x 60 mm | 80 x 50 mm | 70 x 50 mm |

| Cutting capacity CS 315 H | ●     | ●     | □          | ■          | □          | ■          |
|---------------------------|-------|-------|------------|------------|------------|------------|
| 90°                       | 80 mm | 80 mm | 80 x 80 mm | 80 x 80 mm | 90 x 80 mm | 90 x 80 mm |
| 45°                       | 70 mm | 70 mm | 70 x 70 mm | 70 x 70 mm | 80 x 70 mm | 80 x 70 mm |

### Standard accessories:

- Coolant device with filter
- Self-centering vice
- Stand



# Semi-automatic metal circular saw

The CS 350 SA semi-automatic metal circular saw is designed for economic production of single parts and small series. Hence, this machine is particularly convenient for workshops requiring a reliable machine for common sawing applications.

## CS 350 SA

- Precise, self-centering double-clamping vice positioned on four guidings
- Protective cover opens automatically when cutting to maximise safety
- 2 speed settings - ideal for cutting profiles, pipes and solid iron, stainless steel and non-ferrous metals
- Heavy machine base designed to add various roller tables
- Gear unit features slip clutch to avoid sawblade breakage
- Powerful coolant tank integrated in solid machine base
- Pneumatic lowering of saw unit features regulator to allow lowering and lifting speed

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Pneumatic quick clamping vice shortens set-up times



Gear head swivels 90° to both sides

Pneumatic vice

### Semi-automatic mode:

- Pneumatic clamping of vice
- Pneumatic lowering of saw head
- Saw head lifts automatically at the end of the cut
- Pneumatic vice opens

### Optional accessories:

Sawblade HSS TiN-coated 350 x 2,5 x 40 mm, T160  
Magnetic chip collector  
Universal coolant fluid MN 1103, 5 l canister

Art. no. excl. VAT  
48-1027  
51-1050  
54-1206

### Technical data

### CS 350 SA

|  |                      |
|--|----------------------|
| Sawblade dimension                     | 350 x 40 mm          |
| Speeds                                 | 19 / 38 rpm          |
| Max. opening                           | 150 mm               |
| Working height                         | 930 mm               |
| Motor power output S <sub>1</sub> 100% | 0,75 / 1,5 kW        |
| Motor power input S <sub>6</sub> 40%   | 1,0 / 2,1 kW         |
| Voltage                                | 400 V                |
| Machine dimension (W x D x H)          | 750 x 1100 x 1400 mm |
| Weight approx.                         | 270 kg               |
| Art. no.                               | 04-1892              |

### Cutting capacity

|     | ●     | ●     | □          | ■          | □           | ■           |
|-----|-------|-------|------------|------------|-------------|-------------|
| 90° | 95 mm | 95 mm | 95 x 95 mm | 95 x 95 mm | 100 x 90 mm | 100 x 90 mm |
| 45° | 95 mm | 95 mm | 75 x 75 mm | 75 x 75 mm | 100 x 75 mm | 100 x 75 mm |

### Standard accessories:

- Coolant device with filter
- Pneumatic vice
- Foot pedal
- Stand



# Vario metal bandsaw

# EBS 85 B

The EBS 85 B is a light-weight metal bandsaw, suitable for the use at building sites and repair works. The stepless speed adjustment makes this model suitable for solid materials as well as for hollow profiles.

- High-quality materials ensure a quiet, vibration-free run
- Stepless speed settings allow for ideal adjustment to each workpiece
- Bandsaw blade guiding features ball bearing to guarantees ideal cutting results
- Environmentally friendly as there is no need for lubrication or coolant
- Wide range of applications ensures attractive price-benefit ratio
- Powerful motor with good control characteristic
- Saw arm tilts for mitre cuts
- Includes workpiece fence for economic work

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Powerful drive motor features electric speed regulation.



Bandsaw blade guiding can be adjusted to the width of material.



Lockable saw arm convenient for frequent transport.



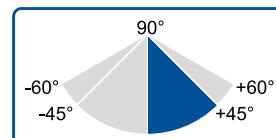
## Technical data

## EBS 85 B

|                               |                     |
|-------------------------------|---------------------|
| Cutting capacity round 90°    | 85 mm               |
| Cutting capacity flat 90°     | 85 x 105 mm         |
| Cutting capacity round 45°    | 70 mm               |
| Cutting capacity flat 45°     | 55 x 70 mm          |
| Bandsaw blade dimension       | 1325 x 13 x 0,65 mm |
| Cutting speed, stepless       | 30 - 80 m/min       |
| Motor power                   | 1,0 kW              |
| Voltage                       | 230 V               |
| Machine dimension (W x D x H) | 700 x 320 x 430 mm  |
| Weight approx.                | 19 kg               |
| Art. no.                      | 04-1018             |

## Standard accessories:

- Bandsaw blade
- Material fence
- Stepless speed adjustment
- Ergonomic handle



## Optional accessories:

|   |
|---|
| Bandsaw blade HSS 1325 x 13 x 0,65 - 14 TPI           |
| Bandsaw blade HSS 1325 x 13 x 0,65 - 8 TPI            |
| Bandsaw blade BiFlex 1325 x 13 x 0,65 - 14 TPI        |
| Bandsaw blade BiFlex 1325 x 13 x 0,6 - Vario 6/10 TPI |

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1206  |           |
| 47-1207  |           |
| 47-1208  |           |
| 47-1209  |           |

# Vario metal bandsaw

# EBS 100 B

The small EBS 100 B metal bandsaw allows mitre cuts to one side and features an electronically adjustable speed change, making this model ideal for cutting of various materials.

- Ideal for cutting of profiles, tubes, solid iron workpieces, non-steel materials, wood
- Ideal on construction sites and for installation work
- Light weight allows for easy transportation
- Stepless speed adjustment: 20 - 70 m/min
- Machine body and saw frame made of high-quality aluminium die casting
- Powerful motor, even at continuous operation
- Smooth, vibration-free running due to high-quality aluminium drive wheel
- Ball bedded bandsaw blade guide with quick adjustment
- Adjustable fence for series production



Includes workpiece fence for efficient work - ideal for serial cutting.



Stepless speed adjustment for best work results



Ball bedded bandsaw blade guide with quick adjustment for accurate setting to the width of the workpiece



The high-quality drive wheel with rubber protection assures smooth running.



Adjustable saw frame for mitre cuts.

**Vario-Drive**

## Standard accessories:

- Bandsaw blade
- Material fence
- Stepless speed adjustment

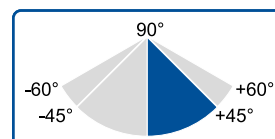


## Technical data

## EBS 100 B

|                               |                     |
|-------------------------------|---------------------|
| Cutting capacity round 90°    | 100 mm              |
| Cutting capacity flat 90°     | 100 x 100 mm        |
| Cutting capacity round 45°    | 60 mm               |
| Cutting capacity flat 45°     | 55 x 60 mm          |
| Bandsaw blade dimension       | 1140 x 13 x 0,65 mm |
| Cutting speed, stepless       | 20 - 70 m/min       |
| Motor power                   | 1,5 kW              |
| Voltage                       | 230 V               |
| Machine dimension (L x D x H) | 550 x 340 x 400 mm  |
| Weight approx.                | 16 kg               |
| Art. no.                      | 04-1020             |

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## Optional accessories:

|   |
|---|
| Bandsaw blade HSS 1140 x 13 x 0,65 - 14 TPI             |
| Bandsaw blade HSS 1140 x 13 x 0,65 - 8 TPI              |
| Bandsaw blade BiFlex 1140 x 13 x 0,65 - 14 TPI          |
| Bandsaw blade BiFlex 1140 x 13 x 0,6 - Vario 6 / 10 TPI |

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1000  |           |
| 47-1001  |           |
| 47-1002P |           |
| 47-1004  |           |



# Metal bandsaw

# EBS 100 C

The EBS 100 C metal bandsaw features an incredible price-to-benefit ratio, making it the ideal model for both craftsmen and amateurs.

- Large application area ensures attractive price-to-benefit ratio
- Complete with workpiece fence to allow for efficient work
- Adjustable saw frame for mitre cutting up to 45°
- Ideal for construction sites due to light weight
- Serially equipped with integrated chip box
- Bandsaw blade guides feature ball bearings to guarantee optimal results
- Quick clamping vice included as standard equipment



Powerful drive motor, even at continuous operation.



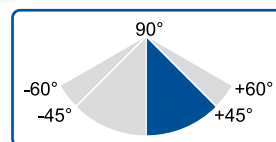
Bandsaw blade guiding features ball bearings to ensure optimal results.



Includes quick clamping vice and chip box.



Saw frame tilts up to 45° to allow mitre cutting.



## Technical data

## EBS 100 C

|  |                     |
|--|---------------------|
| Cutting capacity round 90°             | 100 mm              |
| Cutting capacity flat 90°              | 100 x 150 mm        |
| Cutting capacity round 45°             | 65 mm               |
| Cutting capacity flat 45°              | 60 x 100 mm         |
| Bandsaw blade dimension                | 1470 x 13 x 0,65 mm |
| Cutting speed                          | 45 m/min            |
| Motor power output S <sub>1</sub> 100% | 0,37 kW             |
| Motor power input S <sub>0</sub> 40%   | 0,55 kW             |
| Voltage                                | 230 V               |
| Machine dimension (L x D x H)          | 700 x 320 x 420 mm  |
| Weight approx.                         | 26 kg               |
| Art. no.                               | 04-1025             |

## Standard accessories:

- Bandsaw blade
- Material fence
- Quick clamping vice
- Ergonomic handle
- Chip box

## Optional accessories:

|   |          |           |
|---|----------|-----------|
| Bandsaw blade HSS 1470 x 13 x 0,65 - 14 TPI           | Art. no. | excl. VAT |
| Bandsaw blade HSS 1470 x 13 x 0,65 - 8 TPI            | 47-1005  |           |
| Bandsaw blade BiFlex 1470 x 13 x 0,65 - 14 TPI        | 47-1006  |           |
| Bandsaw blade BiFlex 1470 x 13 x 0,6 - Vario 6/10 TPI | 47-1007P |           |
| Stand   | 47-1009  |           |
|   | 56-1075  |           |



# Metal bandsaw

# EBS 100 S

The EBS 100S mobile bandsaw is the ideal machine for construction sites. The smooth, vibration-free run guarantees accurate cutting results.

- Ideal for cutting of profiles, tubes, solid iron material, non-steel materials, wood
- Light weight allows easy transport
- Automatic shut-down at cutting end
- Cutting pressure features 3 settings for automatic lowering of saw arm
- High-quality material assures smooth running free of vibrations
- Bandsaw blade guides come with ball bearings to ensure optimal results
- Includes quick clamping vice and workpiece fence
- Aluminium machine casing guarantees top quality



Serially equipped with patented quick clamping vice

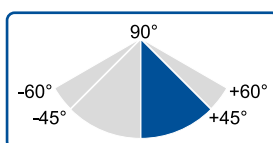


Adjustable saw frame for mitre cutting.



Pressure of saw arm features three settings.

**Convincing  
price-performance ratio**



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## Technical data

## EBS 100 S

|  |                     |
|--|---------------------|
| Cutting capacity round 90°             | 100 mm              |
| Cutting capacity flat 90°              | 100 x 150 mm        |
| Cutting capacity round 45°             | 65 mm               |
| Cutting capacity flat 45°              | 60 x 100 mm         |
| Bandsaw blade dimension                | 1470 x 13 x 0,65 mm |
| Cutting speed                          | 45 m/min            |
| Motor power output S <sub>1</sub> 100% | 0,37 kW             |
| Motor power input S <sub>0</sub> 40%   | 0,55 kW             |
| Voltage                                | 230 V               |
| Machine dimension (L x D x H)          | 730 x 320 x 420 mm  |
| Weight approx.                         | 23 kg               |
| Art. no.                               | 04-1040             |

## Standard accessories:

- Bandsaw blade
- Material fence
- Quick clamping vice
- Automatic shut-down
- Chip box
- Separate emergency stop button according to CE

## Optional accessories:

|   |
|---|
| Bandsaw blade HSS 1470 x 13 x 0,65 - 14 TPI           |
| Bandsaw blade HSS 1470 x 13 x 0,65 - 8 TPI            |
| Bandsaw blade BiFlex 1470 x 13 x 0,65 - 14 TPI        |
| Bandsaw blade BiFlex 1470 x 13 x 0,6 - Vario 6/10 TPI |
| Stand   |

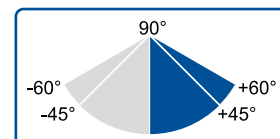
| Art. no. | excl. VAT |
|----------|-----------|
| 47-1005  |           |
| 47-1006  |           |
| 47-1007P |           |
| 47-1009  |           |
| 56-1075  |           |

# Vario metal bandsaw

The EBS 125 Vario is a light-weight metal bandsaw, suitable for the use at building sites and repair works. The stepless speed adjustment makes this model suitable for solid materials as well as for hollow profiles.

## EBS 125 Vario

- High-quality materials ensure a quiet, vibration-free run
- Stepless speed settings allow for ideal adjustment to each workpiece
- Bandsaw blade guiding features ball bearing to guarantee ideal cutting results
- Environmentally friendly as there is no need for lubrication or coolant
- Wide range of applications ensures attractive price-benefit ratio
- Powerful motor with good control characteristic
- Saw arm tilts for mitre cuts
- Includes workpiece fence for economic work
- The light weight makes this model ideal for construction sites
- High-quality aluminium die-cast machine body and saw frame



Bandsaw blade guiding can be adjusted to the width of material.



Adjustable saw frame for mitre cuts.

Vario-Drive

**NEW**



Saw frame tilts up to 60° to allow mitre cutting.

**BERNARDO**  
SEMIPROFESSIONAL



### Standard accessories:

- Bandsaw blade
- Material fence
- Ergonomic handle
- Stepless cutting speed

### Optional accessories:

Bandsaw blade HSS 1440 x 13 x 0,65 mm - 14 TPI  
Bandsaw blade BiFlex 1440 x 13 x 0,65 mm - 14 TPI  
Stand

Art. no. excl. VAT  
47-1210  
47-1212  
56-10791

### Technical data

### EBS 125 Vario

|                               |                       |
|-------------------------------|-----------------------|
| Cutting capacity round 90°    | 125 mm                |
| Cutting capacity flat 90°     | 127 x 125 mm          |
| Cutting capacity round 45°    | 80 mm                 |
| Cutting capacity flat 45°     | 100 x 80 mm           |
| Bandsaw blade dimension       | 1435 x 12,7 x 0,65 mm |
| Cutting speed, stepless       | 38 - 80 m/min         |
| Motor power                   | 0,40 kW               |
| Voltage                       | 230 V                 |
| Machine dimension (L x D x H) | 730 x 340 x 390 mm    |
| Weight approx.                | 21 kg                 |
| Art. no.                      | 04-1041               |

# Vario metal bandsaw

The Vario 150 T is fully equipped with variable cutting speed, allowing ideal adjustment to various materials.  
Due to its low weight, this machine is ideal for professional repair and construction site use.

# Vario 150 T

Saw machines

- For cutting of hollow profile and full rivet material, stainless steel, tool steel, ...
- Environmentally friendly as there is no need for lubrication or coolant
- The light weight makes this model ideal for construction sites
- For mitre cutting saw arm tilts up to 60°, hence requiring minimum space when processing long workpieces
- Bandsaw blade guiding features double ball bearings for optimal blade run
- Powerful motor with good control characteristic
- Stable saw frame, thereby smooth and vibration-free run
- The light weight makes this model ideal for construction sites
- High-quality aluminium die-cast machine body and saw frame



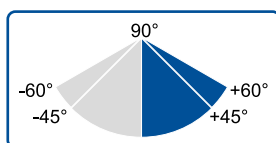
Bandsaw blade guiding features ball bearings to ensure optimal results.



Includes workpiece fence for efficient work - ideal for serial cutting.



Lockable saw arm convenient for frequent transport.



Vario-Drive

**NEW**



Powerful drive motor, even at continuous operation.



## Standard accessories:

- Bandsaw blade
- Material fence
- Ergonomic handle
- Stepless cutting speed

## Optional accessories:

Bandsaw blade HSS 1735 x 20 x 0,8 mm - 14 TPI  
Bandsaw blade BiFlex 1735 x 20 x 0,9 mm - 14 TPI  
Stand

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1215  |           |
| 47-1216  |           |
| 56-10790 |           |

## Technical data

## Vario 150 T

|                               |                    |
|-------------------------------|--------------------|
| Cutting capacity round 90°    | 150 mm             |
| Cutting capacity flat 90°     | 150 x 140 mm       |
| Cutting capacity round 45°    | 90 mm              |
| Cutting capacity flat 45°     | 100 x 90 mm        |
| Bandsaw blade dimension       | 1735 x 20 x 0,9 mm |
| Cutting speed, stepless       | 66 - 85 m/min      |
| Motor power                   | 2,0 kW             |
| Voltage                       | 230 V              |
| Machine dimension (L x D x H) | 880 x 330 x 500 mm |
| Weight approx.                | 32 kg              |
| Art. no.                      | 04-1076            |



# Metal bandsaw

# HBS 128 G

The metal band saw HBS 128 G enables space-saving work with long workpieces thanks to the swiveling saw frame (up to 60°). This high-quality band saw is mainly used by professional users.

- Suitable for cutting profiles, pipes, solid iron, non-ferrous metals, plastics etc.
- Torsion-free, grey cast-iron saw arm guarantees precise results
- Bandsaw blade guides feature ball bearing for precise results
- Attractive price-performance ratio, ideal for the professional user
- Complete with workpiece fence for economic working
- For mitre cutting saw arm tilts up to 60°, hence requiring minimum space when processing long workpieces
- Environmentally friendly as there is no need for lubrication or coolant
- High-quality materials ensure a quiet, vibration-free run



Ball bedded bandsaw blade guide with quick adjustment for accurate setting to the width of the workpiece

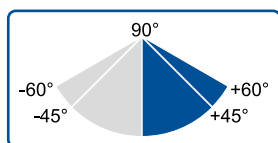


Includes workpiece fence for efficient work - ideal for serial cutting.



Adjustable saw frame for mitre cuts.

**NEW**



**BERNARDO®**  
www.bernardo.at  
**PROFESSIONAL**

**Inclusive stand**



Powerful cast iron motor according to IP 54.



## Technical data

## HBS 128 G

|                               |                     |
|-------------------------------|---------------------|
| Cutting capacity round 90°    | 127 mm              |
| Cutting capacity flat 90°     | 130 x 125 mm        |
| Cutting capacity round 45°    | 90 mm               |
| Cutting capacity flat 45°     | 90 x 90 mm          |
| Bandsaw blade dimension       | 1440 x 13 x 0,65 mm |
| Cutting speed                 | 60 m/min            |
| Motor power                   | 0,55 kW             |
| Voltage                       | 230 V               |
| Machine dimension (L x D x H) | 920 x 370 x 1260 mm |
| Weight approx.                | 41 kg               |
| Art. no.                      | 04-1687             |

## Standard accessories:

- Bandsaw blade
- Material fence
- Ergonomic handle
- Stand

## Optional accessories:

|   |          |         |           |
|---|----------|---------|-----------|
| Bandsaw blade HSS 1440 x 13 x 0,65 mm - 14 TPI            | Art. no. | 47-1210 | excl. VAT |
| Bandsaw blade HSS 1440 x 13 x 0,65 mm - 8 TPI             |          | 47-1211 |           |
| Bandsaw blade BiFlex 1440 x 13 x 0,65 mm - 14 TPI         |          | 47-1212 |           |
| Bandsaw blade BiFlex 1440 x 13 x 0,65 mm - Vario 6/10 TPI |          | 47-1214 |           |

# Metal bandsaw

# EBS 115

The EBS 115 vertical and horizontal bandsaw is one of our most established models for vertical and horizontal cutting. Unbeatable in terms of price-to-performance ratio, this machine features high versatility, making it ideal for both craftsmen and amateurs.

- Vice adjustable for mitre cutting (90° to 45°)
- Cutting pressure adjustable to each workpiece
- V-belt allows 3 speed settings
- Vertical useable for cutting of sheet metal
- Cast iron saw frame guarantees vibration-free running
- Includes material fence for efficient work
- Carriage and transport handle for high mobility
- Automatic shut-down at cutting end
- Attractive price-performance ratio, ideal for amateurs



V-belt allows easy and quick speed change.



Ball bedded bandsaw blade guides for precise cutting.



Powerful cast iron motor according to IP 54, alternatively available in 230 V or 400 V.



Safety switch with undervoltage release and separate emergency stop button, automatic shut-down at the end of the operation.



V-belt drive

## Technical data

## EBS 115

|  |                                    |
|--|------------------------------------|
| Cutting capacity round 90°             | 100 mm                             |
| Cutting capacity flat 90°              | 100 x 150 mm                       |
| Cutting capacity round 45°             | 76 mm                              |
| Cutting capacity flat 45°              | 76 x 115 mm                        |
| Working height                         | 610 mm                             |
| Bandsaw blade dimension                | 1638 x 13 x 0,65 mm                |
| Cutting speeds                         | 20 / 29 / 50 m/min                 |
| Motor power output S <sub>1</sub> 100% | 0,37 kW                            |
| Motor power input S <sub>6</sub> 40%   | 0,55 kW                            |
| Voltage                                | 230 V or 400 V                     |
| Machine dimension (L x D x H)          | 895 x 400 x 950 mm                 |
| Weight approx.                         | 62 kg                              |
| Art. no.                               | 04-1085 (230 V)<br>04-1090 (400 V) |

## Standard accessories:

- Bandsaw blade
- Quick clamping vice
- Material fence
- Support table
- Automatic shut-down
- Mobile machine base
- Separat emergency stop button according to CE

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 14 TPI           | 47-1010  |           |
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 8 TPI            | 47-1011  |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,65 mm - 14 TPI        | 47-1012P |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,6 mm - Vario 6/10 TPI | 47-1014  |           |

# Metal bandsaw

# EBS 150 GC

The EBS 150 GC is a low-cost metal bandsaw with wide range of standard equipment, such as a machine base, a coolant device, a bandsaw blade etc., making this an ideal model for price conscious users. The saw arm tilts up to 60° to reduce space requirements when processing long workpieces.

- Torsion-free, grey cast-iron saw arm guarantees precise results
- Suitable for cutting profiles, pipes, solid iron, non-ferrous metals, plastics etc.
- Bandsaw blade guides feature ball bearing for precise results
- Attractive price-performance ratio, ideal for ambitious amateurs
- Complete with workpiece fence for economic working
- Automatic shut-down at cutting end
- Equipped with machine base and coolant device



Quick clamping lever allows for easy vice adjustment.



Tilting saw arm for mitre cuts up to 60°.

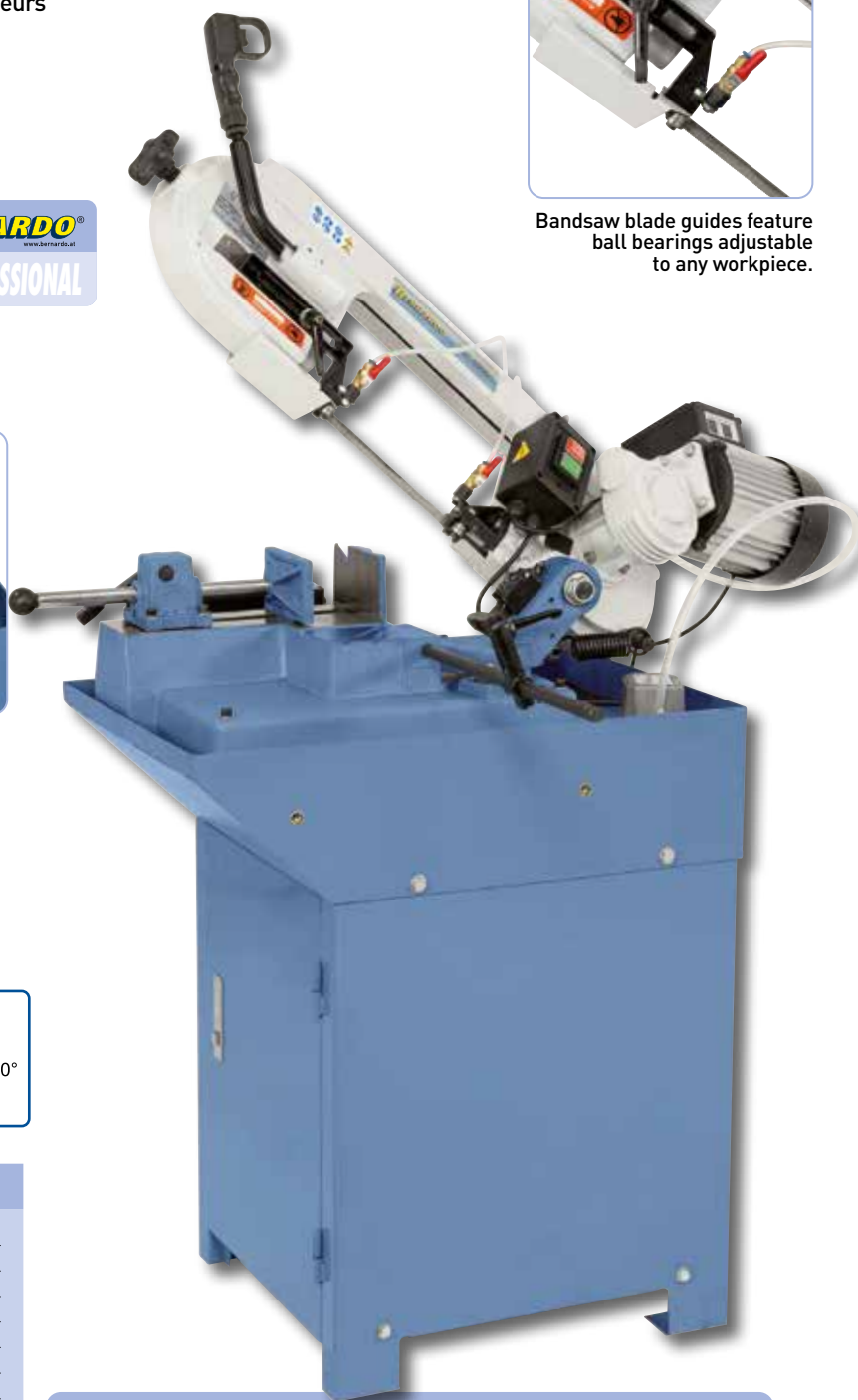


Coolant device comes standard.

**BERNARDO®**  
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**SEMIPROFESSIONAL**



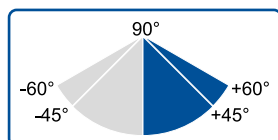
Bandsaw blade guides feature ball bearings adjustable to any workpiece.



**Including machine base and coolant device**

## Standard accessories:

- Bandsaw blade
- Quick clamping vice
- Coolant device
- Stand
- Material fence
- Motor protective switch



## Technical data

## EBS 150 GC

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 140 mm               |
| Cutting capacity flat 90°              | 150 x 140 mm         |
| Cutting capacity round 45°             | 100 mm               |
| Cutting capacity flat 45°              | 120 x 100 mm         |
| Cutting capacity round 60°             | 70 mm                |
| Working height                         | 845 mm               |
| Bandsaw blade dimension                | 1735 x 13 x 0,65 mm  |
| Cutting speed                          | 34 m/min             |
| Motor power output S <sub>1</sub> 100% | 0,55 kW              |
| Motor power input S <sub>6</sub> 40%   | 0,75 kW              |
| Voltage                                | 230 V                |
| Machine dimension (W x D x H)          | 1000 x 880 x 1550 mm |
| Weight approx.                         | 92 kg                |
| Art. no.                               | 04-1056              |

## Optional accessories:

Bandsaw blade HSS 1735 x 13 x 0,65 - 14 TPI  
 Bandsaw blade HSS 1735 x 13 x 0,65 - 8 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 - 14 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 - 8 TPI  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1200  |           |
| 47-1201  |           |
| 47-1202  |           |
| 47-1203  |           |
| 54-1206  |           |



# Metal bandsaw

# EBS 150 BC

The EBS 150 BC is a low-cost metal bandsaw with wide range of standard equipment, such as a machine base, a coolant device, a bandsaw blade etc., making this an ideal model for price conscious users. The saw arm tilts up to 60° to reduce space requirements when processing long workpieces.

- Torsion-free, grey cast-iron saw arm guarantees precise results
- Suitable for cutting profiles, pipes, solid iron, non-ferrous metals, plastics etc.
- Bandsaw blade guides feature ball bearing for precise results
- Attractive price-performance ratio, ideal for ambitious amateurs
- Complete with workpiece fence for economic working
- Automatic shut-down at cutting end
- Equipped with machine base and coolant device



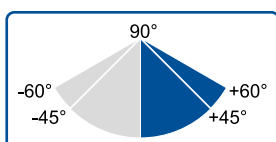
Quick clamping lever allows for easy vice adjustment.



Tilting saw arm for mitre cuts up to 60°.



Coolant device comes standard.



## Standard accessories:

- Bandsaw blade
- Quick clamping vice
- Coolant device
- Stand
- Material fence
- Motor protective switch

Including machine base and coolant device

| Technical data                         | EBS 150 BC           |
|--|----------------------|
| Cutting capacity round 90°             | 140 mm               |
| Cutting capacity flat 90°              | 150 x 140 mm         |
| Cutting capacity round 45°             | 100 mm               |
| Cutting capacity flat 45°              | 120 x 100 mm         |
| Cutting capacity round 60°             | 70 mm                |
| Working height                         | 845 mm               |
| Bandsaw blade dimension                | 1735 x 13 x 0,65 mm  |
| Cutting speeds                         | 23 / 33 / 52 m/min   |
| Motor power output S <sub>1</sub> 100% | 0,55 kW              |
| Motor power input S <sub>6</sub> 40%   | 0,75 kW              |
| Voltage                                | 230 V                |
| Machine dimension (W x D x H)          | 1000 x 880 x 1550 mm |
| Weight approx.                         | 98 kg                |
| Art. no.                               | 04-1057              |



V-belt allows speed change (23 / 33 / 52 m/min.)



## Optional accessories:

Bandsaw blade HSS 1735 x 13 x 0,65 - 14 TPI  
 Bandsaw blade HSS 1735 x 13 x 0,65 - 8 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 - 14 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 - 8 TPI  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1200  |           |
| 47-1201  |           |
| 47-1202  |           |
| 47-1203  |           |
| 54-1206  |           |

# Double mitre bandsaw

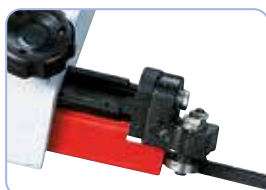
# EBS 128 C

The low-cost double mitre bandsaw EBS 128 C with the ideal cutting capacity for the amateur features high efficiency and easy handling.

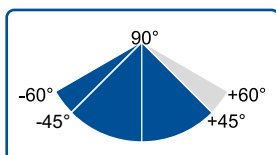
- Double mitre cutting on both sides (+45° to -60°)
- Stepless, hydraulic saw frame lowering
- Automatic shut-down at cutting end
- Torsion-free, solid saw frame
- 3 speed setting adjustable by v-belt
- Solid construction allowing smooth running free of vibrations
- Saw frame tilts for mitre cutting
- Quick clamping vice and material fence included



For accurate lowering of the saw frame serially equipped with hydraulic cylinder.



Bandsaw blade guides feature ball bearings adjustable to any workpiece.



## Standard accessories:

- Bandsaw blade
- Quick clamping vice
- Material fence
- Automatic shut-down
- Mobile machine base
- Hydraulic cylinder
- Separate emergency stop button according to CE



| Technical data                         | EBS 128 C                          |
|--|------------------------------------|
| Cutting capacity round 90°             | 125 mm                             |
| Cutting capacity flat 90°              | 100 x 150 mm                       |
| Cutting capacity round 45°             | 95 mm                              |
| Cutting capacity flat 45°              | 95 x 76 mm                         |
| Cutting capacity round 60°             | 50 mm                              |
| Cutting capacity flat 60°              | 50 x 56 mm                         |
| Working height                         | 730 mm                             |
| Bandsaw blade dimension                | 1638 x 13 x 0,65 mm                |
| Cutting speeds                         | 23 / 34 / 54 m/min                 |
| Motor power output S <sub>1</sub> 100% | 0,55 kW                            |
| Motor power input S <sub>6</sub> 40%   | 0,75 kW                            |
| Voltage                                | 230 V or 400 V                     |
| Machine dimension (L x D x H)          | 1000 x 550 x 1100 mm               |
| Weight approx.                         | 68 kg                              |
| Art. no.                               | 04-1106 (230 V)<br>04-1107 (400 V) |



Serially equipped with automatic shut-down at cutting end, on-off-switch according to IP 54.



Tiltable saw frame for double mitre cutting from +45° to -60°.



## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 14 TPI           | 47-1010  |           |
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 8 TPI            | 47-1011  |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,65 mm - 14 TPI        | 47-1012P |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,6 mm - Vario 6/10 TPI | 47-1014  |           |

# Double mitre bandsaw

# EBS 128 CL

The double miter band saw EBS 128 CL - compared to the proven EBS 128 C - is equipped as standard with a coolant device. The saw arm tilts up to 60° to reduce space requirements when processing long workpieces.

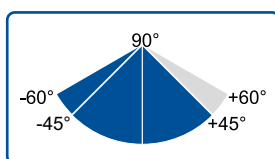
- Suitable for cutting profiles, pipes, solid iron, non-ferrous metals, plastics etc.
- Sawframe swings left (-60°) and right (+45°) for double mitre cutting
- Automatic shut-down at cutting end
- Torsion-free, solid saw frame
- 3 speed setting adjustable by v-belt
- Solid construction allowing smooth running free of vibrations
- Equipped with machine base and coolant device
- Quick clamping vice and material fence included



Bandsaw blade guides feature ball bearings for precise results



Saw frame tilts from +45° to -60° for mitre cutting.



## Standard accessories:

- Bandsaw blade
- Coolant device
- Quick clamping vice
- Material fence
- Automatic shut-down
- Mobile machine base
- Hydraulic cylinder
- Separate emergency stop button according CE

| Technical data                         | EBS 128 CL                         |
|--|------------------------------------|
| Cutting capacity round 90°             | 125 mm                             |
| Cutting capacity flat 90°              | 100 x 150 mm                       |
| Cutting capacity round 45°             | 95 mm                              |
| Cutting capacity flat 45°              | 95 x 76 mm                         |
| Cutting capacity round 60°             | 50 mm                              |
| Cutting capacity flat 60°              | 50 x 56 mm                         |
| Working height                         | 740 mm                             |
| Bandsaw blade dimension                | 1638 x 13 x 0,65 mm                |
| Cutting speeds                         | 24 / 35 / 55 m/min                 |
| Motor power output S <sub>1</sub> 100% | 0,55 kW                            |
| Motor power input S <sub>6</sub> 40%   | 0,75 kW                            |
| Voltage                                | 230 V or 400 V                     |
| Machine dimension (L x D x H)          | 1000 x 550 x 1100 mm               |
| Weight approx.                         | 85 kg                              |
| Art. no.                               | 04-1110 (230 V)<br>04-1111 (400 V) |



Safety switch with undervoltage release and separate emergency stop button.



Including machine base and coolant device

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 14 TPI           | 47-1010  |           |
| Bandsaw blade HSS 1638 x 13 x 0,65 mm - 8 TPI            | 47-1011  |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,65 mm - 14 TPI        | 47-1012P |           |
| Bandsaw blade BiFlex 1638 x 13 x 0,6 mm - Vario 6/10 TPI | 47-1014  |           |
| Universal coolant fluid MN 1103, 5 l canister            | 54-1206  |           |



# Metal bandsaw

# EBS 181

The EBS 181 high-quality metal bandsaw features solid construction assuring high accuracy. The model is particularly for popular price-point conscious consumers.

- Ideal for cutting of profiles, pipes, solid material etc.
- Quick clamping vice adjustable for mitre cutting up to 45°
- Bandsaw blade guides feature double ball bearings to ensure optimal run
- Cutting pressure adjustable via valve
- Automatic shut-down at cutting end
- Includes coolant device, which is stored inside the machine frame, requiring minimum space
- Smooth and vibration-free running for best results
- Torsion-free, solid cast iron saw frame
- Includes material fence for effective work

Clearly arranged control elements on the saw frame.



**BEST PRICE!**

**BERNARDO®**  
www.bernardo.at  
**SEMI-PROFESSIONAL**



Big hydraulic cylinder for stepless lowering of the saw frame



Powerful coolant device integrated in base, hence requiring little space.

## Standard accessories:

- Bandsaw blade
- Coolant device
- Material fence
- Quick clamping vice
- Moveable machine base
- Motor protection switch
- Hydraulic cylinder
- Separate emergency stop button according CE

| Technical data                         | EBS 181                 |
|--|-------------------------|
| Cutting capacity round 90°             | 180 mm                  |
| Cutting capacity flat 90°              | 180 x 210 mm            |
| Cutting capacity round 45°             | 90 mm                   |
| Cutting capacity flat 45°              | 140 x 80 mm             |
| Working height                         | 550 mm                  |
| Bandsaw blade dimension                | 2360 x 20 x 0,9 mm      |
| Cutting speeds                         | 34 / 41 / 59 / 98 m/min |
| Coolant tank                           | 9 liter                 |
| Coolant pump                           | 25 W                    |
| Motor power output S <sub>1</sub> 100% | 0,75 kW                 |
| Motor power input S <sub>6</sub> 40%   | 1,1 kW                  |
| Voltage                                | 400 V                   |
| Machine dimension (L x D x H)          | 1250 x 520 x 1000 mm    |
| Weight approx.                         | 130 kg                  |
| Art. no.                               | 04-1130                 |

**4 speeds for optimal cutting results**

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 14 TPI            | 47-1015  |           |
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 8 TPI             | 47-1016  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - 14 TPI         | 47-1017  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 8/12 TPI | 47-1019  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 6/10 TPI | 47-1020  |           |
| Universal coolant fluid MN 1103, 5 l canister            | 54-1206  |           |

# Metal bandsaw

# EBS 181 G

The EBS 181 G metal bandsaw allows quick and easy speed adjustment due to the 3-gear transmission. The machine is designed specifically for craftsmen and training workshops.

- Vice tilt up to 45° for mitre cutting
- 3 speed settings adjustable by gear transmission
- For cutting of hollow profile and full rivet material, stainless steel, tool steel, ...
- Automatic shut-down at cutting end
- Coolant device and chip tray included
- Torsion-free cast iron saw frame guarantees high cutting accuracy
- Ideal power transmission to the wheel via hardened and ground worm shaft and bronze worm gear

**BERNARDO**  
SEMIPROFESSIONAL



Bandsaw blade guides feature ball bearings adjustable to any workpiece.



Clearly arranged control elements on the saw frame.



Quick clamping vice with material fence.



Hydraulic cylinder for stepless lowering of the saw frame comes standard.



Gear drive

Quick speed change

## Technical data

## EBS 181 G

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 180 mm               |
| Cutting capacity flat 90°              | 180 x 210 mm         |
| Cutting capacity round 45°             | 90 mm                |
| Cutting capacity flat 45°              | 140 x 80 mm          |
| Working height                         | 560 mm               |
| Bandsaw blade dimension                | 2360 x 20 x 0,9 mm   |
| Cutting speeds                         | 31 / 50 / 60 m/min   |
| Coolant tank                           | 9 liter              |
| Coolant pump                           | 25 W                 |
| Motor power output S <sub>1</sub> 100% | 1,1 kW               |
| Motor power input S <sub>6</sub> 40%   | 1,5 kW               |
| Voltage                                | 400 V                |
| Machine dimension (L x D x H)          | 1250 x 520 x 1000 mm |
| Weight approx.                         | 136 kg               |
| Art. no.                               | 04-1131              |

## Standard accessories:

- Bandsaw blade
- Coolant device
- Motor protection switch
- Quick clamping vice
- Moveable machine stand
- Material fence
- Hydraulic cylinder
- Separate emergency stop switch according CE

## Optional accessories:

|  |          |           |
|--|----------|-----------|
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 14 TPI            | Art. no. | excl. VAT |
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 8 TPI             | 47-1015  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - 14 TPI         | 47-1016  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 8/12 TPI | 47-1017  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 6/10 TPI | 47-1019  |           |
| Universal coolant fluid MN 1103, 5 l canister            | 47-1020  |           |
|  | 54-1206  |           |

**Best  
Price**

# Double mitre bandsaw

# GBS 200 B

The double mitre bandsaw GBS 200 B featuring a tilting saw arm, keeping space requirements to a minimum as there is no need to change the position of the material when mitre cutting. The optimal cutting capacity and the adjustable cutting speeds make this model unbeatable for DIY and craftsmen.

- Saw frame tilt up to  $\pm 45^\circ$  for mitre cutting
- 4 speed settings allow ideal adjustment to each workpiece
- Suitable for cutting of profiles, pipes, full materials, non-ferrous materials and plastics
- High-quality materials ensure a quiet, vibration-free run
- Saw frame pressure can be regulated by hydraulic valve
- Attractive price-to-performance ratio for ambitious craftsmen
- Includes coolant device, which is stored inside the machine frame, requiring minimum space



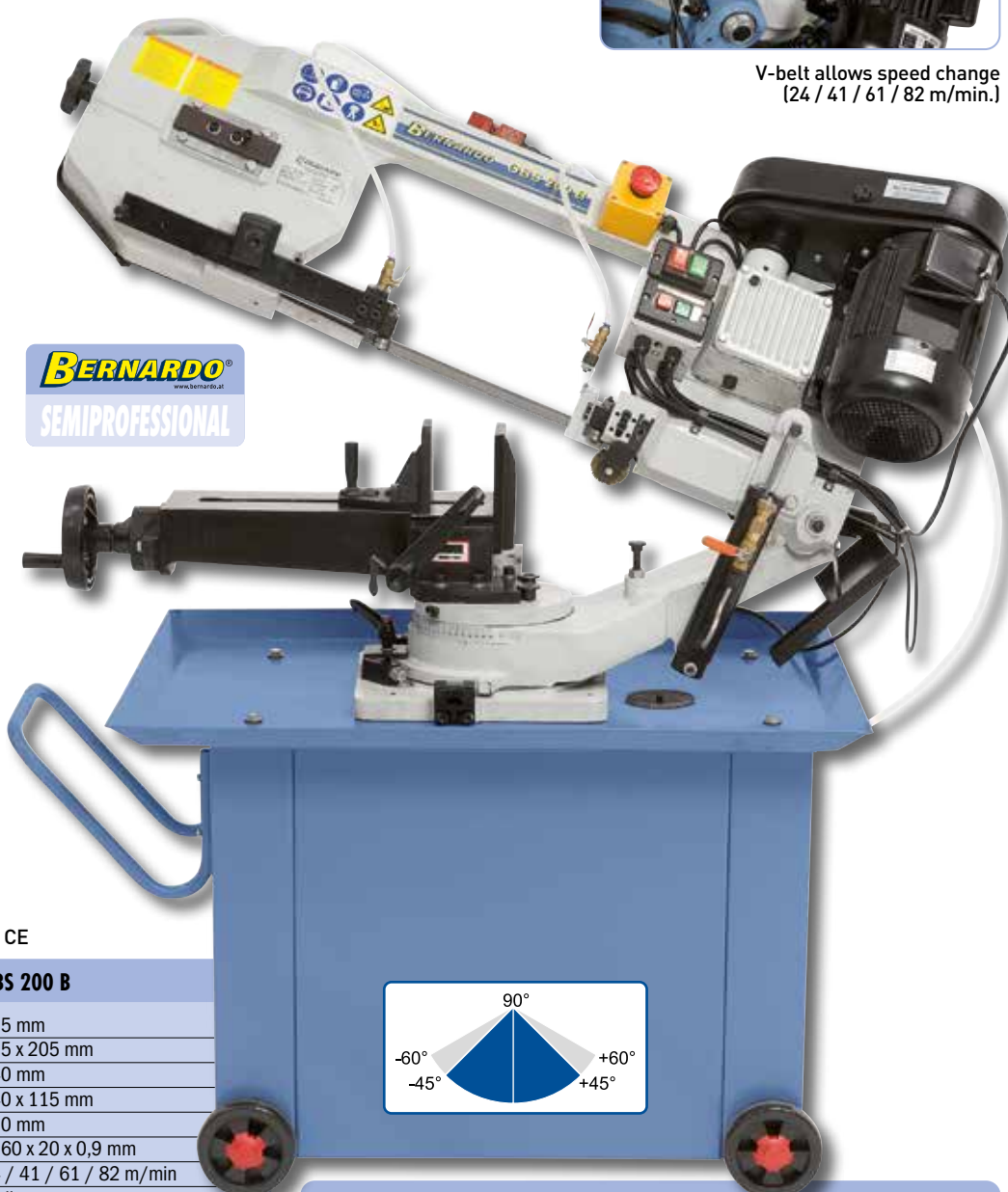
Clearly arranged control elements on the saw frame.



Saw frame tilts from  $-45^\circ$  to  $+45^\circ$  for mitre cutting.



V-belt allows speed change  
(24 / 41 / 61 / 82 m/min.)

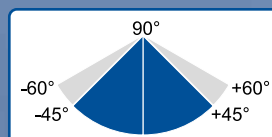


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## Standard accessories:

- Bandsaw blade
- Coolant device
- Motor protection switch
- Vice
- Moveable machine stand
- Material fence
- Automatic shut-down
- Hydraulic cylinder
- Transport bracket
- Separate emergency stop switch according CE

| Technical data                        | GBS 200 B               |
|---------------------------------------|-------------------------|
| Cutting capacity round $90^\circ$     | 205 mm                  |
| Cutting capacity flat $90^\circ$      | 215 x 205 mm            |
| Cutting capacity round $45^\circ$ L/R | 140 mm                  |
| Cutting capacity flat $45^\circ$ L/R  | 140 x 115 mm            |
| Working height                        | 820 mm                  |
| Bandsaw blade dimension               | 2360 x 20 x 0,9 mm      |
| Cutting speeds                        | 24 / 41 / 61 / 82 m/min |
| Coolant tank                          | 13 liter                |
| Coolant pump                          | 0,03 HP                 |
| Motor power output $S_1$ 100%         | 1,1 kW                  |
| Motor power input $S_6$ 40%           | 1,5 kW                  |
| Voltage                               | 400 V                   |
| Machine dimension (L x D x H)         | 1200 x 625 x 1240 mm    |
| Weight approx.                        | 190 kg                  |
| Art. no.                              | 04-1155                 |



## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 14 TPI            | 47-1015  |           |
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 8 TPI             | 47-1016  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - 14 TPI         | 47-1017  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 8/12 TPI | 47-1019  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 6/10 TPI | 47-1020  |           |
| Universal coolant fluid MN 1103, 5 l canister            | 54-1206  |           |



# Double mitre bandsaw

# GBS 200 G

The double mitre bandsaw GBS 200 G featuring a tilting saw arm, keeping space requirements to a minimum as there is no need to change the position of the material when mitre cutting. The optimal cutting capacity and the adjustable cutting speeds make this model unbeatable for DIY and craftsmen.

- Saw frame tilt up to  $\pm 45^\circ$  for mitre cutting
- Suitable for cutting of profiles, pipes, full materials, non-ferrous materials and plastics
- High-quality materials ensure a quiet, vibration-free run
- Saw frame pressure can be regulated by hydraulic valve
- Attractive price-to-performance ratio for ambitious craftsmen
- Includes coolant device, which is stored inside the machine frame, requiring minimum space
- 3 speed settings adjustable by gear transmission



Clearly arranged control elements on the saw frame.



Saw frame tilts from  $-45^\circ$  to  $+45^\circ$  for mitre cutting.

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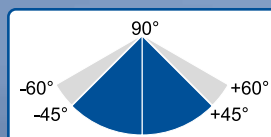
Gear unit with hardened and ground worm shaft and bronze worm gear.



## Standard accessories:

- Bandsaw blade
- Coolant device
- Motor protection switch
- Vice
- Moveable machine stand
- Material fence
- Automatic shut-down
- Hydraulic cylinder
- Transport bracket
- Separate emergency stop switch according CE

| Technical data                        | GBS 200 G            |
|---------------------------------------|----------------------|
| Cutting capacity round $90^\circ$     | 205 mm               |
| Cutting capacity flat $90^\circ$      | 215 x 205 mm         |
| Cutting capacity round $45^\circ$ L/R | 140 mm               |
| Cutting capacity flat $45^\circ$ L/R  | 140 x 115 mm         |
| Working height                        | 820 mm               |
| Bandsaw blade dimension               | 2360 x 20 x 0,9 mm   |
| Cutting speeds                        | 31 / 50 / 60 m/min   |
| Coolant tank                          | 13 liter             |
| Coolant pump                          | 0,03 HP              |
| Motor power output $S_1$ 100%         | 1,1 kW               |
| Motor power input $S_6$ 40%           | 1,5 kW               |
| Voltage                               | 400 V                |
| Machine dimension (L x D x H)         | 1200 x 625 x 1240 mm |
| Weight approx.                        | 194 kg               |
| Art. no.                              | 04-1156              |



## Optional accessories:

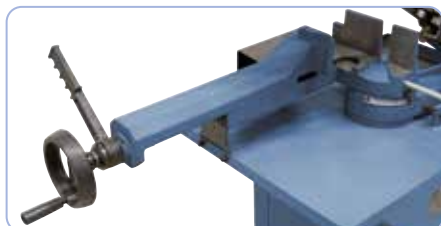
|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 14 TPI            | 47-1015  |           |
| Bandsaw blade HSS 2360 x 20 x 0,9 mm - 8 TPI             | 47-1016  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - 14 TPI         | 47-1017  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 8/12 TPI | 47-1019  |           |
| Bandsaw blade BiFlex 2360 x 20 x 0,9 mm - Vario 6/10 TPI | 47-1020  |           |
| Universal coolant fluid MN 1103, 5 l canister            | 54-1206  |           |

# Horizontal bandsaw

# MCB 210 eco

The MCB 210 eco is a low-cost horizontal bandsaw with wide range of standard equipment, such as a machine base, a coolant device, a bandsaw blade etc., making this an ideal model for price conscious users. The saw arm tilts up to 60° to reduce space requirements when processing long workpieces.

- Suitable for cutting profiles, pipes, solid iron, non-ferrous metals, plastics etc.
- Torsion-free, grey cast-iron saw arm guarantees precise results
- Bandsaw blade guides feature ball bearing for precise results
- Attractive price-performance ratio, ideal for ambitious amateurs
- Complete with workpiece fence for economic working
- Automatic shut-down at cutting end
- Equipped with machine base and coolant device



The large cast iron vice comes with quick adjustment - optimal for serial section.

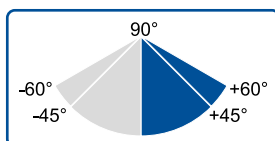


Tilting saw arm for mitre cuts up to 60°.



## Standard accessories:

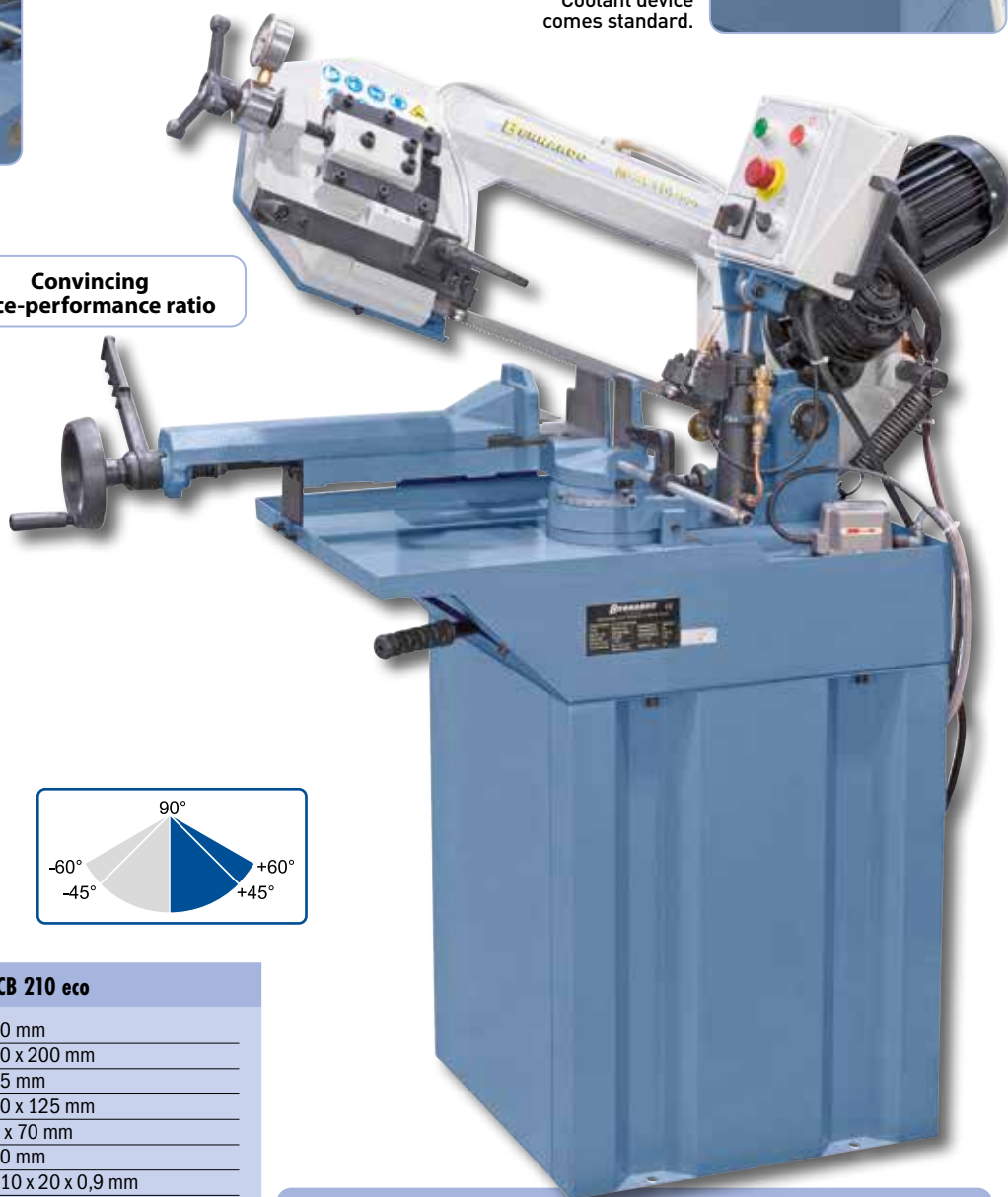
- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor with thermal protection
- Automatic shut-down



Coolant device comes standard.



**Convincing  
price-performance ratio**



## Technical data

## MCB 210 eco

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 170 mm               |
| Cutting capacity flat 90°              | 140 x 200 mm         |
| Cutting capacity round 45°             | 125 mm               |
| Cutting capacity flat 45°              | 100 x 125 mm         |
| Cutting capacity flat 60°              | 80 x 70 mm           |
| Working height                         | 890 mm               |
| Bandsaw blade dimension                | 2110 x 20 x 0,9 mm   |
| Cutting speeds                         | 32,5 / 65 m/min      |
| Coolant pump                           | 45 W                 |
| Motor power output S <sub>1</sub> 100% | 0,75 / 0,95 kW       |
| Motor power input S <sub>6</sub> 40%   | 1,1 / 1,4 kW         |
| Voltage                                | 400 V                |
| Machine dimension (L x D x H)          | 1250 x 650 x 1340 mm |
| Weight approx.                         | 144 kg               |
| Art. no.                               | 04-1162              |

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade BiFlex 2110 x 20 x 0,9 - Vario 8/12 TPI        | 47-1025  |           |
| Roller table RB 4 - 1000                                     | 07-1461  |           |
| Roller table RB 7 - 2000                                     | 07-1462  |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting) | 07-1467  |           |
| Roller table RB 2000 A with fence                            | 07-1510  |           |
| Universal coolant fluid MN 1103, 5 l canister                | 54-1206  |           |

# Horizontal bandsaw

# MCB 270 eco

The MCB 270 eco model is a precise horizontal bandsaw for universal use. Major attributes of this machine include the hydraulic cylinder for sensitive lowering of the saw frame and the integrated coolant device.

- For mitre cutting the saw frame tilts up to 60°
- Torsion-free, strong cast iron saw frame
- 2 speed settings for optimal cutting results
- Robust cast iron vice with quick adjustment
- Automatic shut-down at cutting end
- Robust construction, thereby smooth and vibration-free running
- Stepless lowering of saw frame by hydraulic cylinder



Bandsaw blade guides feature ball bearings for precise results



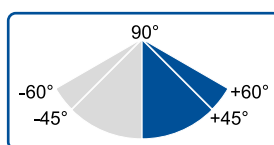
Hydraulic cylinder for stepless lowering of the saw frame.

**Quick  
speed change**

**Including machine base  
and coolant device**

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor with thermal protection
- Automatic shut-down



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SEMIPROFESSIONAL



Powerful cast iron motor according to IP 54.



## Technical data

## MCB 270 eco

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 225 mm               |
| Cutting capacity square 90°            | 180 x 180 mm         |
| Cutting capacity flat 90°              | 265 x 120 mm         |
| Cutting capacity round 45°             | 160 mm               |
| Cutting capacity square 45°            | 160 x 160 mm         |
| Cutting capacity round 60°             | 100 mm               |
| Cutting capacity square 60°            | 100 x 100 mm         |
| Working height                         | 920 mm               |
| Bandsaw blade dimension                | 2450 x 27 x 0,9 mm   |
| Cutting speeds                         | 37,5 / 75 m/min      |
| Coolant pump                           | 45 W                 |
| Motor power output S <sub>1</sub> 100% | 1,1 / 1,5 kW         |
| Motor power input S <sub>6</sub> 40%   | 1,5 / 2,2 kW         |
| Voltage                                | 400 V                |
| Machine dimension (L x D x H)          | 1200 x 710 x 1490 mm |
| Weight approx.                         | 219 kg               |
| Art. no.                               | 04-1164              |

## Optional accessories:

Bandsaw blade BiFlex 2450 x 27 x 0,9 - Vario 6/10 TPI  
 Roller table RB 4 - 1000  
 Roller table RB 10 - 3000  
 PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)\*  
 Linear measuring system LS 3 for RB 10 - 3000 (self mounting)  
 Roller table RB 2000 A with fence  
 Universal coolant fluid MN 1103, 5 l canister

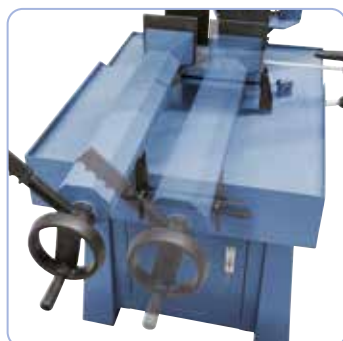
| Art. no.  | excl. VAT |
|-----------|-----------|
| 47-1030   |           |
| 07-1461   |           |
| 07-1463XL |           |
| 07-1465   |           |
| 07-1468XL |           |
| 07-1510   |           |
| 54-1206   |           |



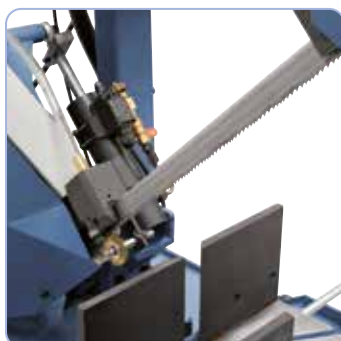
# Double mitre bandsaw

## MCB 320 eco

- For cutting of hollow profile and full rivet material, stainless steel, tool steel,...
- Torsion-free, strong cast iron saw frame
- 2 speed settings (35 / 70 m/min) for optimal cutting results
- Saw frame pressure regulated by adjustable hydraulic cylinder
- Sawframe swings left (-45°) and right (+60°) for double mitre cutting
- High-quality materials ensure a quiet, vibration-free run
- Robust cast iron vice with material fence, ideal for repetitive cutting
- Bandsaw blade guiding with quick adjustment to the workpiece , guarantees optimal cutting results
- Robust construction ensures smooth and vibration-free run



Quick clamping vice can be moved sidewise for double mitre cutting.



Bandsaw blade guiding with carbide inserts and chip brush to allow for optimal results.



Clearly arranged switch box on the front of the machine, making operating very user-friendly.



Grey cast-iron saw arm guarantees precise results



For mitre cutting the saw frame tilts from 90° to 60°.



Includes material fence for effective work - ideal for serial section.



Big hydraulic cylinder for stepless lowering of the saw frame



Ergonomic handle, adjustment of the blade tension by handwheel.

### Technical data

### MCB 320 eco

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 240 mm               |
| Cutting capacity square 90°            | 225 x 225 mm         |
| Cutting capacity flat 90°              | 310 x 180 mm         |
| Cutting capacity round 45°             | 200 mm               |
| Cutting capacity square 45°            | 180 x 180 mm         |
| Cutting capacity round 60°             | 140 mm               |
| Cutting capacity square 60°            | 140 x 140 mm         |
| Working height                         | 950 mm               |
| Bandsaw blade dimension                | 2680 x 27 x 0,9 mm   |
| Cutting speeds                         | 35 / 70 m/min        |
| Coolant pump                           | 45 W                 |
| Motor power output S <sub>1</sub> 100% | 1,1 / 1,5 kW         |
| Motor power input S <sub>6</sub> 40%   | 1,5 / 2,2 kW         |
| Voltage                                | 400 V                |
| Machine dimension (L x D x H)          | 1550 x 870 x 1490 mm |
| Weight approx.                         | 313 kg               |
| Art. no.                               | 04-1166              |

### Optional accessories:

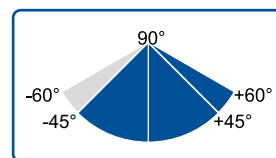
|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2680 x 27 x 0,9 - Vario 6/10 TPI         | 47-1033   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*             | 07-1465   |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

The compact double mitre bandsaw MCB 320 eco featuring a tilting saw arm, keeping spare requirements to a minimum as there is no need to change the position of the material when mitre cutting. Further features include a device to change to manual mode, the adjustable vice with quick adjustment and an automatic blade break control.

# MCB 320 eco



**Bandsaw blade guiding  
with carbide inserts**



**Automatic or  
manual mode**



Powerful coolant device integrated in base, hence requiring little space.

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down
- Automatic blade break control

# Horizontal bandsaw

# HBS 150 Z

The compact HBS 150 Z horizontal bandsaw is serially equipped with stepless speed adjustment and a coolant device. The saw frame tilts up to 60° for mitre cutting.

- Adjustable cutting speed allow optimal results
- Comes complete with quick clamp vice and workpiece fence
- Gear unit features hardened, polished worm shaft and bronze worm gear
- Stand and coolant device as standard
- 3-point bandsaw blade guiding features ball bearings ensuring smooth blade run
- For mitre cutting saw arm tilts up to 60°, hence requiring minimum space when processing long workpieces
- Torsion-free, solidly designed saw frame



Variable cutting speed for optimal adjustment to any kind of workpiece -user-friendly operator panel.

Now with  
hydraulic cylinder

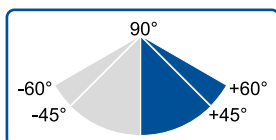
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Easy adjustment of the vice via quick clamping lever.

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Quick clamping vice
- Hydraulic cylinder
- Coolant device
- Motor protection switch



| Technical data                | HBS 150 Z            |
|-------------------------------|----------------------|
| Cutting capacity round 90°    | 150 mm               |
| Cutting capacity flat 90°     | 145 x 150 mm         |
| Cutting capacity round 45°    | 100 mm               |
| Cutting capacity flat 45°     | 90 x 150 mm          |
| Schnittleistung rund 60°      | 70 mm                |
| Working height                | 890 mm               |
| Bandsaw blade dimension       | 1735 x 13 x 0,9 mm   |
| Cutting speed, stepless       | 20 - 65 m/min        |
| Coolant pump                  | 100 W                |
| Motor power                   | 1,1 kW               |
| Voltage                       | 230 V                |
| Machine dimension (L x D x H) | 1000 x 510 x 1520 mm |
| Weight approx.                | 100 kg               |
| Art. no.                      | 04-1689              |

Vario-Drive



Powerful coolant pump included as a standard accessory.



## Optional accessories:

Bandsaw blade HSS 1735 x 13 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 1735 x 13 x 0,65 mm - 8 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 mm - 14 TPI  
 Bandsaw blade BiFlex 1735 x 13 x 0,9 mm - 8 TPI  
 Roller table RB 4 - 1000  
 Roller table RB 7 - 2000  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1200  |           |
| 47-1201  |           |
| 47-1202  |           |
| 47-1203  |           |
| 07-1461  |           |
| 07-1462  |           |
| 54-1206  |           |



# Horizontal bandsaw

# HBS 210 PRO

The horizontal bandsaw HBS 210 PRO with a tilting saw frame ensures a space-saving work place. A hydraulic cylinder with an adjustable valve allows sensitive lowering. The application area is predominantly targeted at the professional user.

- Optimal adjustment of the blade tension via a manometer
- Stepless adjustable lowering via hydraulic cylinder with adjustable valve
- Robust cast iron vice with quick adjustment and material fence
- For cutting of hollow profile and full rivet material, stainless steel, tool steel, ...
- Bandsaw blade guiding features double ball bearings for optimal blade run
- Stable saw frame, thereby smooth and vibration-free run
- Automatic shut-down at cutting end



Optimal adjustment of the blade tension via a manometer.



Hydraulic cylinder for stepless lowering of the saw frame.

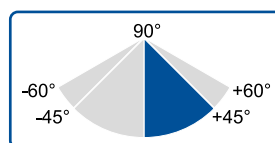


All control elements are clearly arranged



## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Vice with quick adjustment
- Hydraulic cylinder
- Automatic shut-down
- Coolant device
- Motor protective switch
- Stand



## Technical data

## HBS 210 PRO

|                                     |                       |
|-------------------------------------|-----------------------|
| Cutting capacity round / square 90° | 170 mm / 150 x 150 mm |
| Cutting capacity flat 90°           | 150 x 190 mm          |
| Cutting capacity round / square 45° | 125 mm / 95 x 95 mm   |
| Cutting capacity flat 45°           | 95 x 120 mm           |
| Working height                      | 870 mm                |
| Bandsaw blade dimension             | 2080 x 20 x 0,9 mm    |
| Cutting speeds                      | 40 / 80 m/min         |
| Coolant pump                        | 100 W                 |
| Motor power                         | 0,75 kW               |
| Voltage                             | 400 V                 |
| Machine dimension (L x D x H)       | 1340 x 810 x 1320 mm  |
| Weight approx.                      | 145 kg                |
| Art. no.                            | 04-1693               |

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade BiFlex 2080 x 20 x 0,9 mm - Vario 8/12 TPI     | 47-1345  |           |
| Roller table RB 4 - 1000                                     | 07-1461  |           |
| Roller table RB 7 - 2000                                     | 07-1462  |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting) | 07-1467  |           |
| Roller table RB 2000 A with fence                            | 07-1510  |           |
| Universal coolant fluid MN 1103, 5 l canister                | 54-1206  |           |

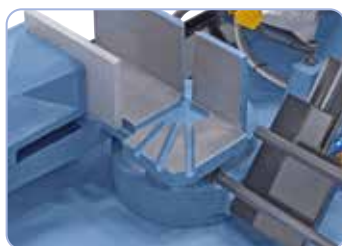
# Horizontal bandsaw

# HBS 210 Vario PRO

- Optimal adjustment of the blade tension via a manometer
- Stepless adjustable lowering via hydraulic cylinder with adjustable valve
- Robust cast iron vice with quick adjustment and material fence
- Stepless cutting speed for optimal adjustment to the workpiece
- For cutting of hollow profile and full rivet material, stainless steel, tool steel, ...
- Bandsaw blade guiding features double ball bearings for optimal blade run
- Stable saw frame, thereby smooth and vibration-free run
- Automatic shut-down at cutting end



Bandsaw blade guides feature ball bearings for precise results



Tilting saw arm for mitre cuts up to 45°.



Hydraulic cylinder for stepless lowering of the saw frame.

Modern design



Powerful coolant pump included as a standard accessory.



## Technical data

## HBS 210 Vario PRO

|  |   |
|--|---|
| Cutting capacity round / square 90°    | 170 mm / 150 x 150 mm                         |
| Cutting capacity flat 90°              | 150 x 190 mm                                  |
| Cutting capacity round / square 45°    | 125 mm / 95 x 95 mm                           |
| Cutting capacity flat 45°              | 95 x 120 mm                                   |
| Working height                         | 870 mm  |
| Bandsaw blade dimension                | 2080 x 20 x 0,9 mm                            |
| Cutting speed, stepless                | 0 - 90 m/min (230 V)<br>20 - 90 m/min (400 V) |
| Coolant pump                           | 100 W   |
| Motor power output S <sub>1</sub> 100% | 1,5 kW (230 V)<br>0,75 kW (400 V)             |
| Voltage                                | 230 V or 400 V                                |
| Machine dimension (L x D x H)          | 1120 x 810 x 1310 mm                          |
| Weight approx.                         | 145 kg  |
| Art. no.                               | 04-1694 (230 V)<br>04-1694A (400 V)           |

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- EMC filter according to CE standard (HBS 210 Vario PRO - 230 V)
- Automatic shut-down

**Best  
Price**

The HBS 210 Vario PRO is fully equipped with variable cutting speed, allowing ideal adjustment to various materials. The application area is predominantly targeted at the professional user.

# HBS 210 Vario PRO

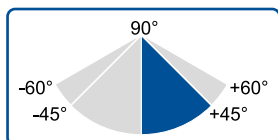
Saw machines



Optimal adjustment of the blade tension via a manometer.



Clearly arranged switch box on the front of the machine, making operating very user-friendly.



Manometer indicates blade tension (standard)



Large vice with quick clamping lever, ideal for serial section.



Vario drive

## Optional accessories:

Bandsaw blade BiFlex 2080 x 20 x 0,9 mm - Vario 8/12 TPI  
 Roller table RB 4 - 1000  
 Roller table RB 7 - 2000  
 Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  
 Roller table RB 2000 A with fence  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1345  |           |
| 07-1461  |           |
| 07-1462  |           |
| 07-1467  |           |
| 07-1510  |           |
| 54-1206  |           |

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 PROFESSIONAL



# Horizontal bandsaw

# HBS 275

The HBS 275 model is a precise horizontal bandsaw for universal use. Major attributes of this machine include the hydraulic cylinder for sensitive lowering of the saw frame and the manometer for indication of the blade tension.

- Ideal for cutting profiles, tubes, solid iron materials and non-iron materials
- For mitre cutting the saw frame tilts up to 60°
- Stepless lowering of saw frame by hydraulic cylinder
- Torsion-free, strong cast iron saw frame
- Robust construction, thereby smooth and vibration-free running
- Automatic shut-down at cutting end
- Robust cast iron vice with quick adjustment
- 2 speed settings for optimal cutting result (HBS 275 / 400 V)
- Stepless cutting speed for optimal adjustment to the workpiece (HBS 275 Vario)
- Bandsaw blade guiding features ball bearings with quick adjustment to the workpiece, guarantees optimal cutting results

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www.bernardo.at  
**PROFESSIONAL**



For mitre cutting the saw frame tilts from 90° to 60°.



Control elements are clearly arranged on the panel.



Serially equipped manometer ensures optimal adjustment of the blade tension.

**Best  
Price**



**Manometer indicates  
blade tension (standard)**

## Technical data

## HBS 275

|  |                                    |
|--|------------------------------------|
| Cutting capacity round 90°             | 225 mm                             |
| Cutting capacity square 90°            | 200 x 200 mm                       |
| Cutting capacity flat 90°              | 245 x 150 mm                       |
| Cutting capacity round 45°             | 160 mm                             |
| Cutting capacity square 45°            | 160 x 160 mm                       |
| Cutting capacity round 60°             | 100 mm                             |
| Cutting capacity square 60°            | 100 x 100 mm                       |
| Working height                         | 910 mm                             |
| Bandsaw blade dimension                | 2480 x 27 x 0,9 mm                 |
| Cutting speed 230 V                    | 72 m/min                           |
| Cutting speeds 400 V                   | 45 / 90 m/min                      |
| Coolant pump                           | 100 W                              |
| Motor power output S <sub>1</sub> 100% | 1,1 kW                             |
| Motor power input S <sub>6</sub> 40%   | 1,5 kW                             |
| Voltage                                | 230 V or 400 V                     |
| Machine dimension (L x D x H)          | 1430 x 720 x 1700 mm               |
| Weight approx.                         | 190 kg                             |
| Art. no.                               | 04-1696 (230 V)<br>04-1695 (400 V) |

## Optional accessories HBS 275 / HBS 275 Vario:

Bandsaw blade BiFlex 2480 x 27 x 0,9 mm - Vario 6/10 TPI  
 Roller table RB 4 - 1000  
 Roller table RB 10 - 3000  
 PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)\*  
 Linear measuring system LS 3 for RB 10 - 3000 (self mounting)  
 Mounting plate for RB 4 / 7 / 10 / 13  
 Roller table RB 2000 A with fence  
 Carriage  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no.  | excl. VAT |
|-----------|-----------|
| 47-1032   |           |
| 07-1461   |           |
| 07-1463XL |           |
| 07-1465   |           |
| 07-1468XL |           |
| 07-1469   |           |
| 07-1510   |           |
| 07-1531   |           |
| 54-1206   |           |

# Horizontal bandsaw

# HBS 275 Vario

The HBS 275 Vario is fully equipped with variable cutting speed, allowing ideal adjustment to various materials. Additionally, this model comes complete with a blade tension manometer.



Serially equipped with a hydraulic cylinder for sensitive lowering of the saw frame.

Reinforced saw frame

Quality tested

Vario-Drive



The large cast iron vice comes with quick adjustment - optimal for serial section.

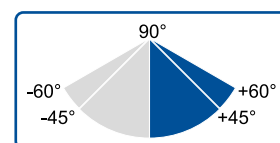
## Technical data

## HBS 275 Vario

|  |  |
|--|--|
| Cutting capacity round 90°             | 225 mm   |
| Cutting capacity square 90°            | 200 x 200 mm                                   |
| Cutting capacity flat 90°              | 245 x 150 mm                                   |
| Cutting capacity round 45°             | 160 mm   |
| Cutting capacity square 45°            | 160 x 160 mm                                   |
| Cutting capacity round 60°             | 100 mm   |
| Cutting capacity square 60°            | 100 x 100 mm                                   |
| Working height                         | 910 mm   |
| Bandsaw blade dimension                | 2480 x 27 x 0,9 mm                             |
| Cutting speeds, stepless               | 45 - 90 m/min (230 V)<br>20 - 90 m/min (400 V) |
| Coolant pump                           | 100 W  |
| Motor power output S <sub>1</sub> 100% | 1,1 kW (230 V)<br>1,5 kW (400 V)               |
| Voltage                                | 230 V or 400 V                                 |
| Machine dimension (L x D x H)          | 1430 x 720 x 1700 mm                           |
| Weight approx.                         | 200 kg   |
| Art. no.                               | 04-1697 (230 V)<br>04-1697A (400 V)            |

## Standard accessories HBS 275 and HBS 275 Vario:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- EMC filter according to CE standard (HBS 275 Vario - 230 V)
- Automatic shut-down



# Horizontal bandsaw

## HBS 275 PRO

The HBS 275 PRO model is a precise horizontal bandsaw for universal use. Major attributes of this machine include the bandsaw blade guiding with carbide inserts and the integrated coolant device.

- Bandsaw blade guiding via combined roll-jaw guide with carbide inserts
- Professional bandsaws for universal use at workshops, locksmith shops etc.
- For cutting of hollow profile and full rivet material, stainless steel, tool steel,...
- Torsion-free, strong spheroidal cast iron saw frame
- Easy adjustment of variable cutting speed (HBS 275 Vario PRO)
- Saw frame pressure regulated by adjustable hydraulic cylinder
- 2 speed settings for optimal cutting results (HBS 275 PRO)
- Drive features hardened and polished gear worm shaft and bronze worm wheel
- Automatic shut-down at cutting end
- Bandsaw blade guiding with quick adjustment to the workpiece, guarantees optimal cutting results



Hydraulic cylinder for stepless lowering of the saw frame comes standard.



Powerful coolant pump included as a standard accessory.

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Clearly arranged switch box on the front of the machine, making operating very user-friendly.

**Bandsaw blade guiding with carbide inserts**

### Technical data

### HBS 275 PRO

|  |                      |
|--|----------------------|
| Cutting capacity round 90°             | 225 mm               |
| Cutting capacity square 90°            | 200 x 200 mm         |
| Cutting capacity flat 90°              | 245 x 150 mm         |
| Cutting capacity round 45°             | 160 mm               |
| Cutting capacity square 45°            | 160 x 160 mm         |
| Cutting capacity round 60°             | 100 mm               |
| Cutting capacity square 60°            | 100 x 100 mm         |
| Working height                         | 910 mm               |
| Bandsaw blade dimension                | 2480 x 27 x 0,9 mm   |
| Cutting speeds                         | 45 / 90 m/min        |
| Coolant pump                           | 100 W                |
| Motor power output S <sub>1</sub> 100% | 1,1 kW               |
| Motor power input S <sub>6</sub> 40%   | 1,5 kW               |
| Voltage                                | 400 V                |
| Machine dimension (L x D x H)          | 1430 x 720 x 1700 mm |
| Weight approx.                         | 180 kg               |
| Art. no.                               | 04-1705              |

### Optional accessories HBS 275 PRO / PRO Vario:

|   |           |           |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2480 x 27 x 0,9 mm - Vario 6/10 TPI      | Art. no.  | excl. VAT |
| Roller table RB 4 - 1000                                      | 47-1032   |           |
| Roller table RB 10 - 3000                                     | 07-1461   |           |
| PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*             | 07-1463XL |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1465   |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1468XL |           |
| Roller table RB 2000 A with fence                             | 07-1469   |           |
| Roller table RB 3000 A with fence                             | 07-1510   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 07-1515XL |           |
|   | 54-1206   |           |



# Horizontal bandsaw

# HBS 275 Vario PRO

The HBS 275 Vario PRO is fully equipped with variable cutting speed, allowing ideal adjustment to various materials. Additionally this model comes complete with a bandsaw blade guiding with carbide inserts and integrated coolant device.



Tiltable saw frame for mitre cuts from 90° to 60°.

Modern design

Manometer indicates blade tension (standard)

Vario drive



Combined roll-carbide inserts for ideal bandsaw blade guiding ensure best cutting results.



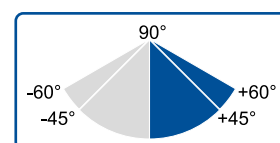
## Technical data

## HBS 275 Vario PRO

|  |                                     |
|--|-------------------------------------|
| Cutting capacity round 90°             | 225 mm                              |
| Cutting capacity square 90°            | 200 x 200 mm                        |
| Cutting capacity flat 90°              | 245 x 150 mm                        |
| Cutting capacity round 45°             | 160 mm                              |
| Cutting capacity square 45°            | 160 x 160 mm                        |
| Cutting capacity round 60°             | 100 mm                              |
| Cutting capacity square 60°            | 100 x 100 mm                        |
| Working height                         | 910 mm                              |
| Bandsaw blade dimension                | 2480 x 27 x 0,9 mm                  |
| Cutting speed, stepless                | 20 - 90 m/min                       |
| Coolant pump                           | 100 W                               |
| Motor power output S <sub>1</sub> 100% | 1,5 kW                              |
| Voltage                                | 230 V or 400 V                      |
| Machine dimension (L x D x H)          | 1430 x 720 x 1700 mm                |
| Weight approx.                         | 185 kg                              |
| Art. no.                               | 04-1706 (230 V)<br>04-1706A (400 V) |

## Standard accessories HBS 275 PRO / 275 Vario PRO:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Vice with quick adjustment
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- EMC filter according to CE standard (HBS 275 Vario PRO - 230 V)
- Automatic shut-down

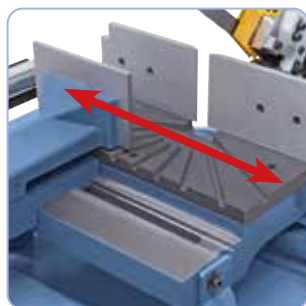


# Double mitre bandsaws

## MBS 280 DG PRO

- Torsion-free, strong spheroidal cast iron saw frame
- 2 speed settings (45 / 90 m/min) for optimal cutting results (MBS 280 DG PRO)
- Bandsaw blade guiding via combined roll-jaw guide with carbide inserts
- Robust construction ensures smooth and vibration-free run
- Stepless lowering of saw frame via hydraulic cylinder
- Gear unit complete with hardened, polished worm shaft and bronze worm gear
- Robust cast iron vice with material fence, ideal for serial section
- Complete with stand and coolant device
- Automatic shut-down at cutting end
- Saw frame tilts left (-45°) and right (+60°) for double mitre cutting
- Includes a manometer for ideal blade tension

**Manometer indicates blade tension (standard)**



For double mitre cutting the position of the quick clamp vice can be changed.



Powerful coolant pump comes standard.



### Technical data

### MBS 280 DG PRO / DG-V PRO

|  |  |
|--|--|
| Cutting capacity round / square 90°    | 225 mm / 180 x 180 mm                                  |
| Cutting capacity flat 90°              | 245 x 150 mm   |
| Cutting capacity round / square 45° R  | 145 mm / 145 x 145 mm                                  |
| Cutting capacity flat 45° R            | 190 x 145 mm   |
| Cutting capacity round / square 45° L  | 120 mm / 120 x 120 mm                                  |
| Cutting capacity flat 45° L            | 150 x 120 mm   |
| Cutting capacity round / square 60° R  | 90 mm / 90 x 90 mm                                     |
| Cutting capacity flat 60° R            | 115 x 90 mm  |
| Working height                         | 990 mm   |
| Bandsaw blade dimension                | 2480 x 27 x 0,9 mm                                     |
| Cutting speeds (DG PRO)                | 45 / 90 m/min  |
| Cutting speeds (DG-V PRO)              | 20 - 90 m/min  |
| Coolant pump                           | 100 W  |
| Motor power output S <sub>1</sub> 100% | 1,1 kW (MBS 280 DG-PRO)<br>1,5 kW (MBS 280 DG-V PRO)   |
| Voltage                                | 400 V  |
| Machine dimension (L x D x H)          | 1500 x 1100 x 1470 mm                                  |
| Weight approx.                         | 250 kg   |
| Art. no.                               | 04-1716 (MBS 280 DG PRO)<br>04-1717 (MBS 280 DG-V PRO) |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2480 x 27 x 0,9 mm - Vario 6/10 TPI      | 47-1032   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC-roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*               | 07-1465   |           |
| Mounting plate für RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

The MBS 280 DG PRO is a high-quality, universal bandsaw, featuring a tiltable saw frame for double mitre cuts from  $-45^{\circ}$  to  $+60^{\circ}$  and a hydraulic cylinder for sensitive lowering of the saw frame via a regulating valve. Furthermore, the MBS 280 DG-V PRO comes complete with a steplessly adjustable cutting speed.

# MBS 280 DG-V PRO



Optimal adjustment of the blade tension via a manometer.

DG-V Pro model features stepless speed adjustment

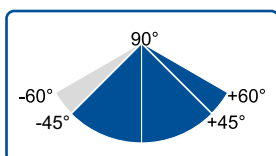


Straightforward control of switches on electronic panel.

Bandsaw blade guiding with carbide inserts



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## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down

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# Double mitre bandsaws

## MBS 290 DG PRO

- Torsion-free, strong spheroidal cast iron saw frame
- 2 speed settings (45 / 90 m/min) for optimal cutting results (MBS 290 DG PRO)
- Bandsaw blade guiding via combined roll-jaw guide with carbide inserts
- Robust construction ensures smooth and vibration-free run
- Stepless lowering of saw frame via hydraulic cylinder
- Gear unit complete with hardened, polished worm shaft and bronze worm gear
- Robust cast iron vice with material fence, ideal for serial section
- Complete with stand and coolant device
- Automatic shut-down at cutting end
- Saw frame tilts left (-45°) and right (+60°) for double mitre cutting
- Includes a manometer for ideal blade tension

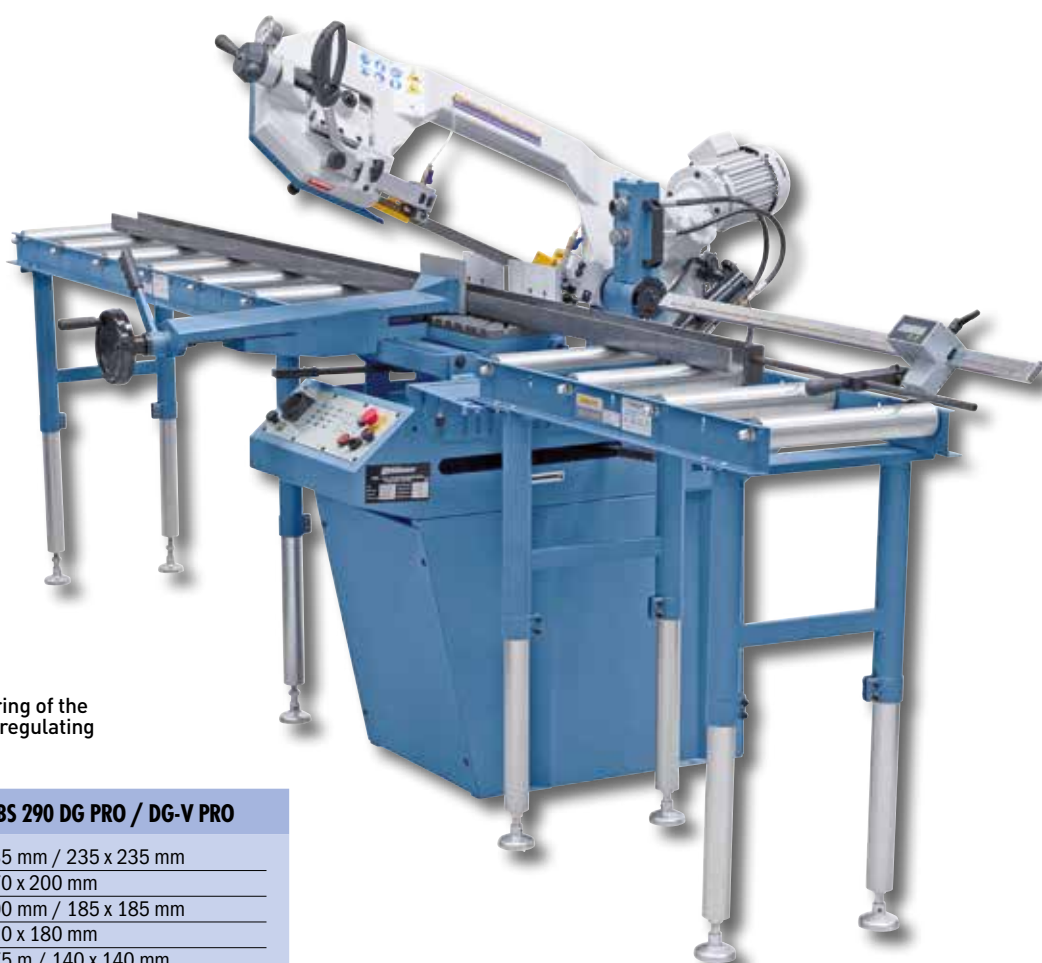
Modern design



Combined roll-carbide guiding prevents excessive wear of the bandsaw blade.



Stepless lowering of the saw frame via regulating valve.



### Technical data

### MBS 290 DG PRO / DG-V PRO

|  |  |
|--|--|
| Cutting capacity round / square 90°    | 235 mm / 235 x 235 mm                                  |
| Cutting capacity flat 90°              | 270 x 200 mm   |
| Cutting capacity round / square 45° R  | 200 mm / 185 x 185 mm                                  |
| Cutting capacity flat 45° R            | 220 x 180 mm   |
| Cutting capacity round / square 45° L  | 175 mm / 140 x 140 mm                                  |
| Cutting capacity flat 45° L            | 200 x 140 mm   |
| Cutting capacity round / square 60° R  | 120 mm / 120 x 120 mm                                  |
| Cutting capacity flat 60° R            | 120 x 115 mm   |
| Working height                         | 990 mm   |
| Bandsaw blade dimension                | 2645 x 27 x 0,9 mm                                     |
| Cutting speeds (DG PRO)                | 45 / 90 m/min  |
| Cutting speeds (DG-V PRO)              | 20 - 90 m/min  |
| Coolant pump                           | 100 W  |
| Motor power output S <sub>1</sub> 100% | 1,1 kW (MBS 290 DG PRO)<br>1,5 kW (MBS 290 DG-V PRO)   |
| Voltage                                | 400 V  |
| Machine dimension (L x D x H)          | 1600 x 1100 x 1500 mm                                  |
| Weight approx.                         | 260 kg   |
| Art. no.                               | 04-1718 (MBS 290 DG PRO)<br>04-1719 (MBS 290 DG-V PRO) |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2645 x 27 x 0,9 mm - Vario 6/10 TPI      | 47-1346   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC-roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*               | 07-1465   |           |
| Mounting plate für RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

These double mitre bandsaws offer a larger cutting area compared to the MBS 280-series. Due to the solid construction, a precise cut is guaranteed when cutting hollow profiles, solid materials, stainless steel, tool steel etc. Furthermore, the MBS 290 DG-V PRO comes complete with a steplessly adjustable cutting speed, which ensures an optimal adjustment to the workpiece.

# MBS 290 DG-V PRO



Serially with roller support for holding up workpieces

DG-V Pro model features stepless speed adjustment



Large vice with quick clamping lever and material support - ideal for section cutting.

## Large cutting area

round 90°: 235 mm

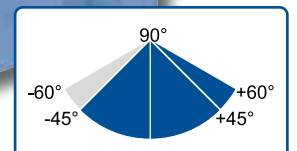
flat 90°: 270 x 200 mm

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Bandsaw blade guiding with carbide inserts

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down

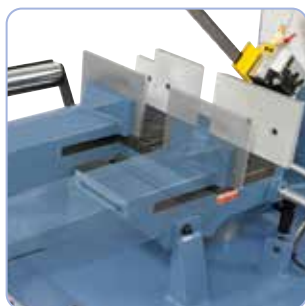


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# Double mitre bandsaws

## MBS 300 DG PRO

- Professional bandsaws for universal use at workshops, locksmith shops etc.
- For cutting of hollow profile and full rivet material, stainless steel, tool steel, ...
- Torsion-free, strong spheroidal cast iron saw frame
- Easy adjustment of variable cutting speed (V-model)
- Saw frame pressure regulated by adjustable hydraulic cylinder
- Saw frame tilts 45° left and 60° right to allow mitre cutting to both sides
- High-quality materials ensure a quiet, vibration-free run
- Solid grey cast-iron vice features quick clamping
- Bandsaw blade guiding with quick adjustment to the workpiece, guarantees optimal results



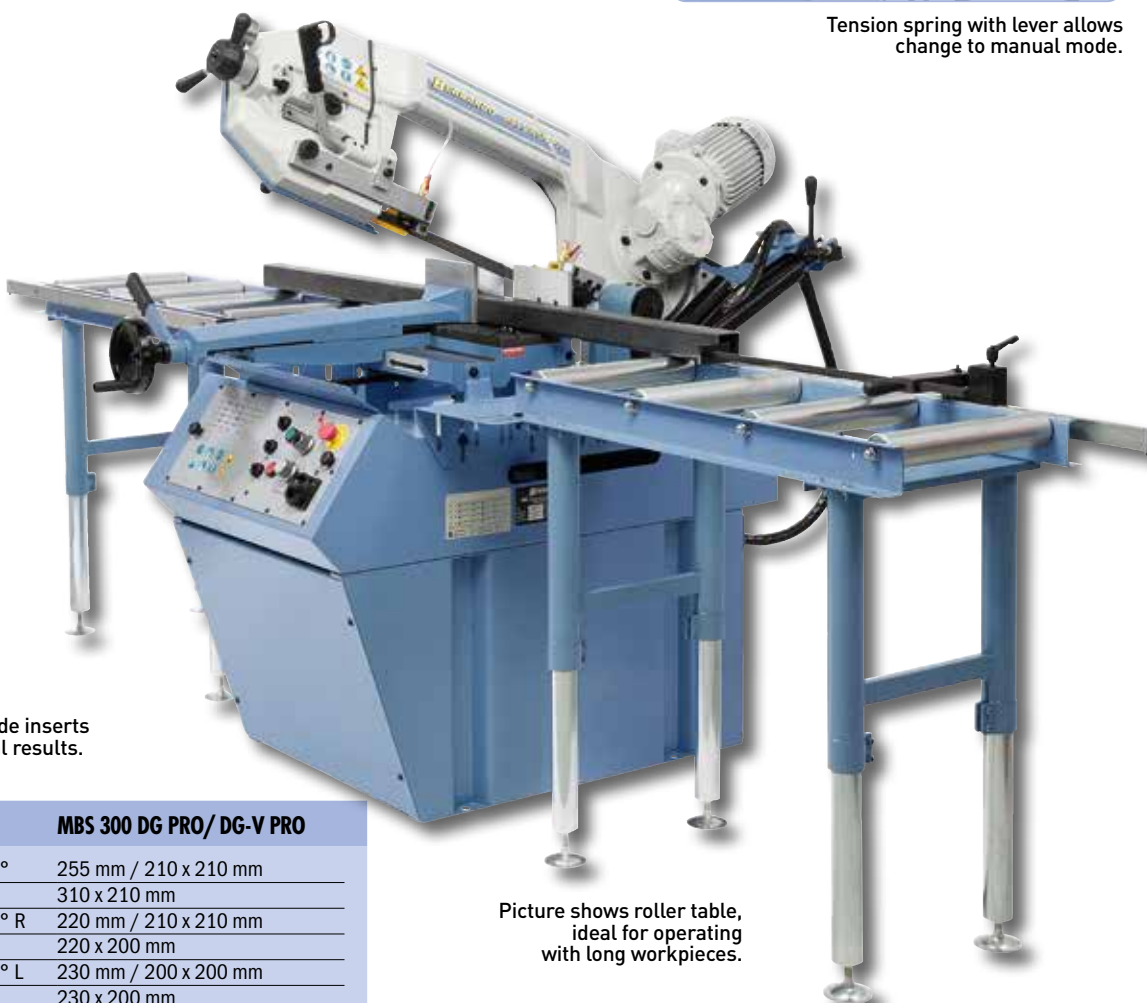
Quick clamp vice can be adjusted for double mitre cutting.



Bandsaw blade guiding with carbide inserts and chip brush to allow for optimal results.



Tension spring with lever allows change to manual mode.



Picture shows roller table, ideal for operating with long workpieces.

### Technical data

### MBS 300 DG PRO/ DG-V PRO

|  |  |
|--|--|
| Cutting capacity round / square 90°    | 255 mm / 210 x 210 mm                                  |
| Cutting capacity flat 90°              | 310 x 210 mm   |
| Cutting capacity round / square 45° R  | 220 mm / 210 x 210 mm                                  |
| Cutting capacity flat 45° R            | 220 x 200 mm   |
| Cutting capacity round / square 45° L  | 230 mm / 200 x 200 mm                                  |
| Cutting capacity flat 45° L            | 230 x 200 mm   |
| Cutting capacity round / square 60° R  | 135 mm / 135 x 135 mm                                  |
| Cutting capacity flat 60° R            | 135 x 135 mm   |
| Working height                         | 930 mm   |
| Bandsaw blade dimension                | 2750 x 27 x 0,9 mm                                     |
| Cutting speeds (MBS 300 DG PRO)        | 35 / 70 m/min  |
| Cutting speeds (MBS 300 DG-V PRO)      | 20 - 80 m/min  |
| Coolant pump                           | 100 W  |
| Motor power output S <sub>1</sub> 100% | 1,5 kW   |
| Motor power input S <sub>6</sub> 40%   | 2,2 kW   |
| Voltage                                | 400 V  |
| Machine dimension (L x D x H)          | 2000 x 1250 x 1900 mm                                  |
| Weight approx.                         | 350 kg   |
| Art. no.                               | 04-1707 (MBS 300 DG PRO)<br>04-1708 (MBS 300 DG-V PRO) |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2750 x 27 x 0,9 mm - Vario 6/10 TPI      | 47-1034   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Mounting plate für RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |



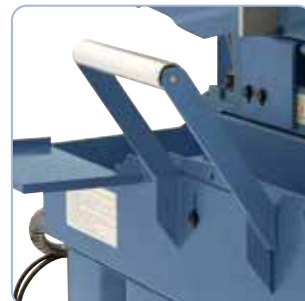
The MBS 300 DG PRO is a compact double mitre bandsaw, serially equipped with a device to change to manual mode. Further features include the adjustable quick clamp vice, the blade tension manometer and the pressure regulator for the saw frame (via valve), positioned on the front of the machine. The MBS 300 DG-V PRO model comes complete with variable cutting speed for ideal adjustment to each workpiece.

# MBS 300 DG-V PRO



Manometer guarantees correct blade tension.

Automatic or manual mode



Serially with roller support for holding up workpieces

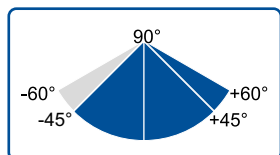


Convenient adjustment of lowering speed of the saw frame

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DG-V PRO model features stepless speed adjustment

Manometer indicates blade tension (standard)



## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down
- Stand



# Double mitre bandsaw

## MBS 315 DG-VR PRO

- The cutting groove in the rotary table moves in conjunction with the swivelling of the saw arm therefore the table suffers no damage when cutting angles
- Quick clamping vice can be moved for double mitre cuts
- Bandsaw blade guiding with carbide inserts and integrated coolant device
- Oversize vice with quick clamping lever and workpiece rest – ideal for a series of cuts
- Drive features hardened and polished gear worm shaft and bronze worm wheel
- Suitable for cutting of profiles, pipes, full iron materials and non-ferrous metals
- Torsion-free, rigid grey cast-iron saw arm
- Automatically shuts off when cut is finished
- Stepless cutting speed allows for ideal adjustment to each workpiece
- Saw arm tilts left (-45°) and right (+60°) for double mitre cuts



The manometer, as part of standard equipment, allows for optimal adjustment of bandsaw blade tension.



Powerful coolant pump comes standard.

Automatic or  
manual mode



Tension spring with lever allows change to manual mode.

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### Technical data

### MBS 315 DG-VR PRO

|  |                       |
|--|-----------------------|
| Cutting capacity round / square 90°    | 255 mm / 230 x 230 mm |
| Cutting capacity flat 90°              | 315 x 230 mm          |
| Cutting capacity round / square 45° R  | 195 mm / 190 x 190 mm |
| Cutting capacity flat 45° R            | 195 x 230 mm          |
| Cutting capacity round / square 45° L  | 180 mm / 160 x 160 mm |
| Cutting capacity flat 45° L            | 160 x 160 mm          |
| Cutting capacity round / square 60° R  | 115 mm / 115 x 115 mm |
| Cutting capacity flat 60° R            | 115 x 160 mm          |
| Working height                         | 985 mm                |
| Bandsaw blade dimension                | 2750 x 27 x 0,9 mm    |
| Cutting speed, stepless                | 20 - 80 m/min         |
| Coolant pump                           | 100 W                 |
| Motor power output S <sub>1</sub> 100% | 1,5 kW                |
| Motor power input S <sub>6</sub> 40%   | 2,2 kW                |
| Voltage                                | 400 V                 |
| Machine dimension (L x D x H)          | 2000 x 1300 x 1900 mm |
| Weight approx.                         | 390 kg                |
| Art. no.                               | 04-1709               |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2750 x 27 x 0,9 mm, Vario 6/10 TPI       | 47-1034   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 13 - 4000                                     | 07-1464XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC-roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*               | 07-1465   |           |
| Mounting plate RB 4 / 7 / 10 / 13                             | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |



The MBS 315 DG-VR PRO double mitre saw features a vice which moves in conjunction with the saw arm. The stepless cutting speed, the option of automatic to manual mode as well as the belt tension display via manometer are further features which make this model highly attractive for each user.

# MBS 315 DG-VR PRO

**Bandsaw blade guiding  
with carbide inserts**



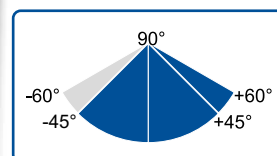
The cutting groove on the turning plate moves simultaneously to the saw arm.



Rotary switch for stepless cutting speed and control valve for the support pressure at the ergonomic mounted operator panel.

**Stepless  
cutting speed**

**Manometer indicates  
blade tension (standard)**



## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down

## Inclusive rotary table

**Ideal for cutting of all angle between +60° and -45°, without cutting the support table**



# Double mitre bandsaw

## MBS 350 DG-VR PRO

- Professional bandsaw for locksmith shops, engine construction, tool shops, ...
- Torsion-free, strong spheroidal cast iron saw frame
- Stepless cutting speed allows for ideal adjustment to each workpiece (20 - 80 m/min)
- The cutting groove in the rotary table moves in conjunction with the swivelling of the saw arm therefore the table suffers no damage when cutting angles
- Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts
- Robust construction ensures smooth, vibration-free run
- Stepless lowering of saw frame via hydraulic cylinder
- Gear unit complete with hardened, polished worm shaft and bronze worm gear
- Robust cast iron vice with material fence, ideal for serial section
- Automatic shut-down at cutting end
- For mitre cutting the saw frame tilts 45° to the left and 60° to the right

### Inclusive rotary table

**Ideal for cutting of all angle between +60° and -45°, without cutting the support table**



The serial manometer ensures optimal adjustment of the bandsaw blade tension.



Combined roll-carbide guiding prevents excessive wear of the bandsaw blade



Powerful coolant pump included as a standard accessory.



Straightforward control of switches on electronic panel.



The cutting groove on the turning plate moves simultaneously to the saw arm.



Serially equipped with hydraulic cylinder for sensitive lowering of the saw frame.

### Technical data

### MBS 350 DG-VR PRO

|  |                       |
|--|-----------------------|
| Cutting capacity round / square 90°    | 270 mm / 260 x 260 mm |
| Cutting capacity flat 90°              | 350 x 240 mm          |
| Cutting capacity round / square 45° R  | 230 mm / 210 x 210 mm |
| Cutting capacity flat 45° R            | 230 x 150 mm          |
| Cutting capacity round / square 45° L  | 200 mm / 170 x 170 mm |
| Cutting capacity flat 45° L            | 200 x 140 mm          |
| Cutting capacity round / square 60° R  | 140 mm / 140 x 140 mm |
| Working height                         | 975 mm                |
| Bandsaw blade dimension                | 2925 x 27 x 0,9 mm    |
| Cutting speeds                         | 20 - 80 m/min         |
| Coolant pump                           | 100 W                 |
| Motor power output S <sub>1</sub> 100% | 1,9 kW                |
| Motor power input S <sub>6</sub> 40%   | 2,8 kW                |
| Voltage                                | 400 V                 |
| Machine dimension (L x D x H)          | 2000 x 1300 x 2000 mm |
| Weight approx.                         | 550 kg                |
| Art. no.                               | 04-1711               |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2925 x 27 x 0,9 mm - Vario 4/6 TPI       | 47-1037   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

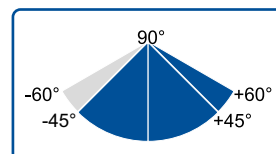
The model MBS 350 DG-VR PRO is a precise horizontal bandsaw for universal use. The features include the tiltable saw frame for double mitre cutting from  $-45^{\circ}$  to  $+60^{\circ}$ , the turnable vice as well as the stepless cutting speed.

# MBS 350 DG-VR PRO

Saw machines

Manometer indicates  
blade tension (standard)

Bandsaw blade guiding  
with carbide inserts



Stepless  
cutting speed  
from 20 - 80 m/min

#### Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down

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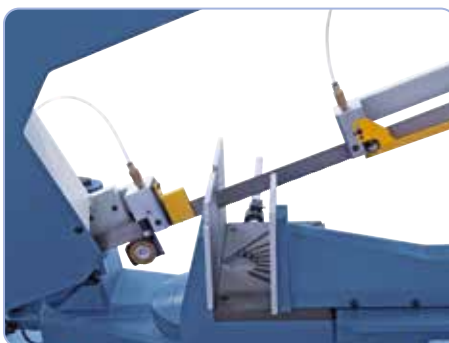
# Double mitre bandsaw

## MBS 530 DG

- Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts
- For mitre cutting the saw frame tilts 45° to the left and 60° to the right
- 2 speed settings (35 / 70 m/min) for optimal cutting results
- Robust construction ensures smooth, vibration-free run
- Professional bandsaw with unbeatable price-to-performance ratio
- Optimal power transmission to the wheel via hardened and ground worm shaft and bronze worm gear
- Saw frame pressure regulated by adjustable hydraulic cylinder
- Robust cast iron vice with material fence, ideal for serial section
- Suitable for cutting of profiles, pipes, full iron materials and non-ferrous metals



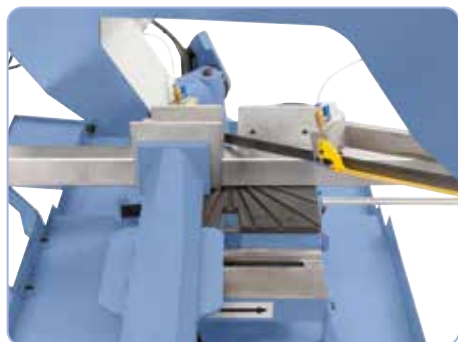
The manometer, as part of standard equipment, allows for optimal adjustment of bandsaw blade tension.



Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts.



Serially equipped with hydraulic cylinder for sensitive lowering of the saw frame.



For double mitre cutting the position of the quick clamp vice can be changed.



Clearly arranged switch box on the front of the machine, making operating very user-friendly.

| Technical data                         | MBS 530 DG            |
|--|-----------------------|
| Cutting capacity round / square 90°    | 355 mm / 280 x 280 mm |
| Cutting capacity flat 90°              | 490 x 280 mm          |
| Cutting capacity round / square 45° R  | 355 mm / 280 x 280 mm |
| Cutting capacity flat 45° R            | 340 x 280 mm          |
| Cutting capacity round / square 45° L  | 300 mm / 270 x 270 mm |
| Cutting capacity flat 45° L            | 250 x 250 mm          |
| Cutting capacity round / square 60° R  | 230 mm / 180 x 180 mm |
| Working height                         | 870 mm                |
| Bandsaw blade dimension                | 3770 x 34 x 1,1 mm    |
| Cutting speeds                         | 35 / 70 m/min         |
| Coolant pump                           | 100 W                 |
| Motor power output S <sub>1</sub> 100% | 1,9 kW                |
| Motor power input S <sub>6</sub> 40%   | 2,8 kW                |
| Voltage                                | 400 V                 |
| Machine dimension (L x D x H)          | 2200 x 1400 x 1500 mm |
| Weight approx.                         | 555 kg                |
| Art. no.                               | 04-1713               |

### Bandsaw blade guiding with carbide inserts

### Manometer indicates blade tension (standard)

#### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 3770 x 34 x 1,1 mm - Vario 6/10 TPI      | 47-1272   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 13 - 4000                                     | 07-1464XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*             | 07-1465   |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |



The MBS 530 DG is a high-quality, universal bandsaw, featuring a tiltable saw frame for double mitre cuts from  $-45^{\circ}$  to  $+60^{\circ}$  and a hydraulic cylinder for sensitive lowering of the saw frame via a regulating valve. The application area of this machine is predominantly targeted at locksmith shops, repair shops and tool construction.

# MBS 530 DG

Saw machines

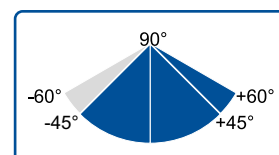
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#### Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down



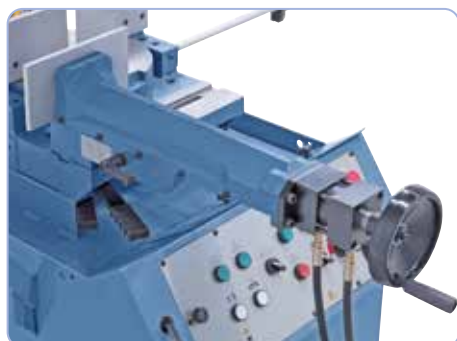
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# Semi-automatic double mitre bandsaw

# MBS 300 DGA

- Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts
- The semi-automatic function increases productivity significantly
- Relocatable vice, manual or hydraulic clamping
- The cutting groove in the rotary table moves in conjunction with the swivelling of the saw arm therefore the table suffers no damage when cutting angles
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Suitable for cutting of profiles, pipes, full iron materials and non-ferrous metals
- Optimal power transmission to the wheel via hardened and ground worm shaft and bronze worm gear
- Torsion-free, strong spheroidal cast iron saw frame

**Manometer indicates  
blade tension (standard)**



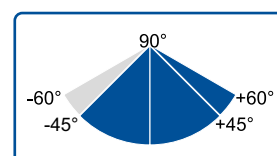
Relocatable vice, manual or hydraulic clamping.



Serially with hydraulic lowering cylinder for stepless lowering of saw arm and automatic shut down at cutting end.

**Bandsaw blade guiding  
with carbide inserts**

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## Technical data

## MBS 300 DGA

|                                       |                       |
|---------------------------------------|-----------------------|
| Cutting capacity round / square 90°   | 255 mm / 255 x 255 mm |
| Cutting capacity flat 90°             | 310 x 160 mm          |
| Cutting capacity round / square 45° R | 185 mm / 180 x 180 mm |
| Cutting capacity flat 45° R           | 230 x 170 mm          |
| Cutting capacity round / square 45° L | 180 mm / 170 x 170 mm |
| Cutting capacity flat 45° L           | 220 x 140 mm          |
| Cutting capacity round / square 60° R | 115 mm / 115 x 115 mm |
| Working height                        | 1000 mm               |
| Bandsaw blade dimension               | 2750 x 27 x 0,9 mm    |
| Cutting speeds                        | 35 / 70 m/min         |
| Coolant pump                          | 100 W                 |
| Motor power                           | 1,1 kW / 1,5 kW       |
| Voltage                               | 400 V                 |
| Machine dimension (L x D x H)         | 1680 x 1300 x 1580 mm |
| Weight approx.                        | 505 kg                |
| Art. no.                              | 04-1714               |

## Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2750 x 27 x 0,9 mm, Vario 6/10 TPI       | 47-1034   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

The MBS 300 DGA is a cost-effective double mitre band saw for cutting of hollow profiles, solid materials, stainless steel, tool steel etc. The semi-automatic function increases the productivity, making this model ideal for the professional user.

# MBS 300 DGA



The manometer allows precise blade tension.

## Semi-automatic



The cutting groove on the turning plate moves simultaneously to the saw arm.

### Semi-automatic operating mode:

- Hydraulic clamping of the vice
- Hydraulic lowering of the saw frame
- Lifting of the saw frame



### Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Hydraulic quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down



# Semi-automatic double mitre bandsaws

# MBS 350 DGA

- The semi-automatic function increases productivity significantly
- Optional manual or semi-automatic operation
- 2 speed settings (36 / 72 m/min) (MBS 350 DGA)
- Relocatable vice, manual or hydraulic clamping
- Saw frame tilts (-45° to +60°), angle can be read on scale
- Professional bandsaw with unbeatable price-to-performance ratio
- Smooth and vibration-free run guarantees high cutting accuracy
- Optimal power transmission to the wheel via hardened and ground worm shaft and bronze worm gear
- Adjustable hydraulic cylinder for pressure regulation of the saw frame

**Manometer indicates  
blade tension (standard)**



The manometer allows precise blade tension.



Strong hydraulic cylinder, designed for permanent operation.



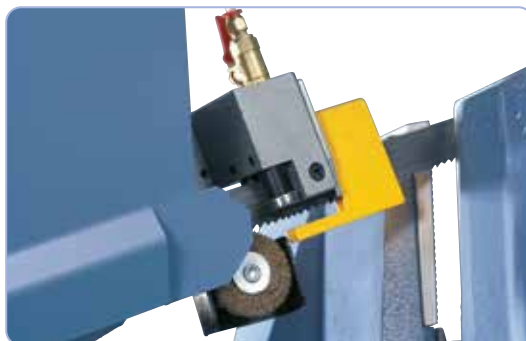
Clear arrangement of the control elements on the tiltable panel.



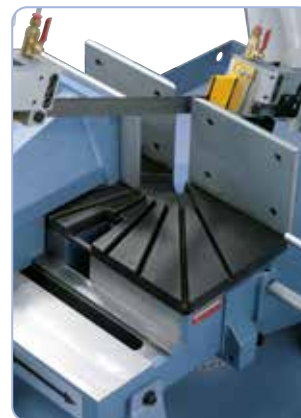
Quick adjustment of the required opening



Convenient support pressure adjustment via regulating valve.



Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts.



Quick clamping vice can be moved sideways for double mitre cutting.

## Technical data

## MBS 350 DGA / MBS 350 DGA-V

|                                       |  |
|---------------------------------------|--|
| Cutting capacity round / square 90°   | 270 mm / 260 x 260 mm                            |
| Cutting capacity flat 90°             | 350 x 240 mm                                     |
| Cutting capacity round / square 45° R | 230 mm / 210 x 210 mm                            |
| Cutting capacity flat 45° R           | 230 x 150 mm                                     |
| Cutting capacity round / square 45° L | 200 mm / 170 x 170 mm                            |
| Cutting capacity flat 45° L           | 200 x 140 mm                                     |
| Cutting capacity round / square 60° R | 140 mm / 140 x 140 mm                            |
| Working height                        | 950 mm   |
| Bandsaw blade dimension               | 2925 x 27 x 0,9 mm                               |
| Cutting speeds (MBS 350 DGA)          | 36 / 72 m/min                                    |
| Cutting speeds (MBS 350 DGA-V)        | 20 - 70 m/min                                    |
| Coolant pump                          | 100 W  |
| Motor power (MBS 350 DGA)             | 1,9 kW   |
| Motor power (MBS 350 DGA-V)           | 2,2 kW   |
| Voltage                               | 400 V  |
| Machine dimension (L x D x H)         | 2010 x 1230 x 1820 mm                            |
| Weight approx.                        | 600 kg   |
| Art. no.                              | 04-1701 (MBS 350 DGA)<br>04-1704 (MBS 350 DGA-V) |

## Optional accessories:

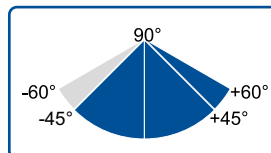
|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 2925 x 27 x 0,9 mm - Vario 4/6 TPI       | 47-1037   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 13 - 4000                                     | 07-1464XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*             | 07-1465   |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |

The MBS 350 DGA double mitre bandsaw features a solid construction allowing precise cutting of hollow profiles, full rivet material, stainless steel etc. The semi-automatic function increases the productivity, making this model ideal for locksmith shops, engine construction, tool shops etc. The MBS 350 DGA-V comes complete with variable cutting speed for ideal adjustment to each workpiece.

# MBS 350 DGA-V

Model DGA-V features stepless speed adjustment

Semi-automatic



Semi-automatic operating mode:

- Hydraulic clamping of the vice
- Hydraulic lowering of the saw frame
- Lifting of the saw frame



Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Hydraulic quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down

Bandsaw blade guiding with carbide inserts

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# Semi-automatic double mitre bandsaw

# MBS 530 DGA-V

- Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts
- For mitre cutting the saw frame tilts 45° to the left and 60° to the right
- Stepless cutting speed allows for ideal adjustment to each workpiece (0 - 72 m/min)
- The semi-automatic function increases productivity significantly
- Optional manual or semi-automatic operation
- Relocatable vice, manual or hydraulic clamping
- Professional bandsaw with unbeatable price-to-performance ratio
- Optimal power transmission to the wheel via hardened and ground worm shaft and bronze worm gear
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Cutting of profiles, pipes, full rivet iron and non-ferrous materials

**Stepless  
cutting speed  
from 20 - 70 m/min**



The serial manometer ensures optimal adjustment of the bandsaw blade tension.



Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts.



Rotary switch for stepless cutting speed and control valve for the support pressure at the ergonomic mounted operator panel.



For double mitre cutting the position of the quick clamp vice can be changed.



Relocatable vice, manual or hydraulic clamping.

## Semi-automatic

## Bandsaw blade guiding with carbide inserts

## Manometer indicates blade tension (standard)

### Technical data

### MBS 530 DGA-V

|  |                       |
|--|-----------------------|
| Cutting capacity round / square 90°    | 355 mm / 300 x 300 mm |
| Cutting capacity flat 90°              | 530 x 300 mm          |
| Cutting capacity round / square 45° R  | 355 mm / 290 x 290 mm |
| Cutting capacity flat 45° R            | 360 x 290 mm          |
| Cutting capacity round / square 45° L  | 300 mm / 270 x 270 mm |
| Cutting capacity flat 45° L            | 270 x 270 mm          |
| Cutting capacity round / square 60° R  | 240 mm / 170 x 170 mm |
| Working height                         | 965 mm                |
| Sawblade dimension                     | 3770 x 34 x 1,1 mm    |
| Cutting speed, stepless                | 20 - 70 m/min         |
| Coolant pump                           | 100 W                 |
| Motor power output S <sub>1</sub> 100% | 2,2 kW                |
| Motor power input S <sub>6</sub> 40%   | 3,0 kW                |
| Voltage                                | 400 V                 |
| Machine dimension (L x D x H)          | 2200 x 1400 x 2050 mm |
| Weight approx.                         | 640 kg                |
| Art. no.                               | 04-1712               |

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 3770 x 34 x 1,1 mm - Vario 6/10 TPI      | 47-1272   |           |
| Roller table RB 4 - 1000                                      | 07-1461   |           |
| Roller table RB 7 - 2000                                      | 07-1462   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 13 - 4000                                     | 07-1464XL |           |
| Roller table RB 1000 A with fence                             | 07-1505   |           |
| Roller table RB 2000 A with fence                             | 07-1510   |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| PVC - roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*             | 07-1465   |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |



The model MSB 530 DGA-V is a semi-automatic double mitresaw for mitre cutting up to 60°. The stepless cutting speed and the hydraulic vice ensure comfortable working. This model features a solid construction allowing precise cutting of hollow profiles, full rivet material, stainless steel etc. The application area of this machine is predominantly targeted at locksmith shops, repair shops and tool construction.

# MBS 530 DGA-V

**Best  
Price**

Serially with hydraulic lowering cylinder for stepless lowering of saw arm and automatic shut down at cutting end.

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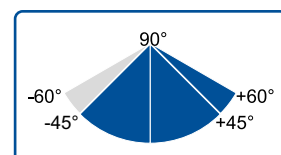


## Semi-automatic operating mode:

- Hydraulic clamping of the vice
- Hydraulic lowering of the saw frame
- Lifting of the saw frame

## Standard accessories:

- Bandsaw blade
- Material fence
- Stand
- Manometer for blade tension
- Bandsaw blade guiding with carbide inserts
- Hydraulic quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic shut-down



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# Semi-automatic double mitre bandsaw

## DGS 460 HV

- Semi-automatic function increases productivity significantly
- Stepless cutting speed allows for ideal adjustment to each workpiece
- Adjustable vice with hydraulic clamping
- Smooth and vibration-free run guarantees cutting accuracy
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Torsion-free, strong spheroidal cast iron saw frame
- Automatic shut-down at cutting end
- Saw frame tilts left (-45°) and right (+60°) for double mitre cutting
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results



Stepless adjustable cutting speed and high torque thanks to the powerful servo motor



Robust, cast-iron vice with hydraulic clamp.



Serially with hydraulic lowering cylinder for stepless lowering of saw arm and automatic shut down at cutting end.

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**NEW**

**Best  
Price**



### Technical data

### DGS 460 HV

|                                       |                        |
|---------------------------------------|------------------------|
| Cutting capacity round / square 90°   | 340 mm / 280 x 280 mm  |
| Cutting capacity flat 90°             | 460 x 250 mm           |
| Cutting capacity round / square 45° R | 320 mm / 280 x 280 mm  |
| Cutting capacity flat 45° R           | 320 x 280 mm           |
| Cutting capacity round / square 45° L | 320 mm / 280 x 280 mm  |
| Cutting capacity flat 45° L           | 320 x 280 mm           |
| Cutting capacity round / square 60° R | 205 mm / 205 x 205 mm  |
| Working height                        | 860 mm                 |
| Bandsaw blade dimension               | 3960 x 27 x 0,9 mm     |
| Cutting speeds                        | 19 - 94 m/min          |
| Coolant pump                          | 0,045 kW               |
| Motor power                           | 2,2 kW                 |
| Machine dimension (L x D x H)         | 2600 x 1350* x 1900 mm |
| Weight approx.                        | 895 kg                 |
| Art. no.                              | 04-1763XL              |

\* without roller tables

### Semi-automatic operating mode:

- Hydraulic clamping of the vice
- Hydraulic lowering of the saw frame
- Lifting of the saw frame

### Optional accessories:

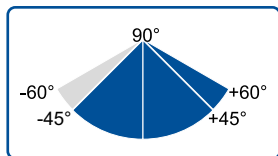
|  | Art. no.  | excl. VAT |
|--|-----------|-----------|
| Bandsaw blade BiFlex 3960 x 27 x 0,9 mm - Vario 4/6 TPI      | 47-1274   |           |
| Roller table RB 7 - 2000                                     | 07-1462   |           |
| Roller table RB 10 - 3000                                    | 07-1463XL |           |
| Roller table RB 2000 A with fence                            | 07-1510   |           |
| Roller table RB 3000 A with fence                            | 07-1515XL |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting) | 07-1467   |           |



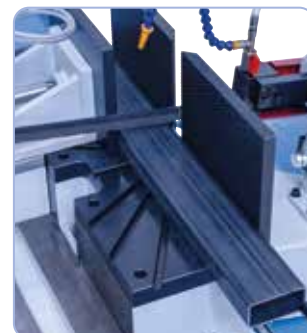
The DGS 460 HV is a cost-effective double mitre band saw for cutting of hollow profiles, solid materials, stainless steel, tool steel etc. The stepless cutting speed and the hydraulic vice ensure comfortable working. The semi-automatic function increases the productivity, making this model ideal for machine construction, mould-making and metalworking shops.

# DGS 460 HV

**Semi-automatic**



Ergonomically arranged control panel on front of the machine guarantees comfortable work environment.



Quick clamping vice for double mitre cutting can be adjusted.



**Stepless cutting speed**

## Standard accessories:

- Bandsaw blade
- Material fence
- Hydraulic vice
- Coolant device
- Hydraulic lowering cylinder
- Frequency inverter
- Motor protective switch
- Regulation of cutting pressure
- Automatic blade break control
- Automatic shut-down



# Double column horizontal bandsaw

## CBS 280

- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- The drive is via a V-belt drive with 3 cutting speeds (27 / 45 / 69 m/min)
- Low-vibration running thanks to robust double-column guidance and heavy machine body
- Complete with hydraulic vice for easy clamping of the workpiece
- Torsion-free, strong spheroidal cast iron saw frame
- Automatic shut-down at cutting end
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Robust and vibration-free construction for professional use



The adjustable bandsaw blade guide prevents the bandsaw blade from running sideways or tilting.



Stable hydraulic cylinder for sensitive lowering of the saw frame.

**BERNARDO**  
PROFESSIONAL



Belt drive with 3 adjustable cutting speeds



**NEW**

### Technical data

### CBS 280

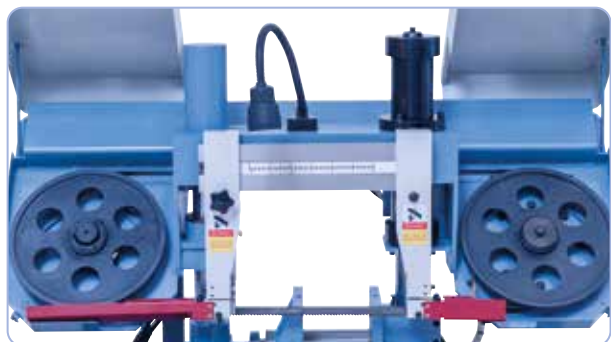
|                               |                       |
|-------------------------------|-----------------------|
| Cutting capacity round 90°    | 280 mm                |
| Cutting capacity flat 90°     | 280 x 280 mm          |
| Cutting capacity square 90°   | 280 x 280 mm          |
| Working height                | 670 mm                |
| Cutting speed                 | 27 / 45 / 69 m/min    |
| Bandsaw blade dimension       | 3505 x 27 x 0,9 mm    |
| Coolant pump                  | 0,045 kW              |
| Motor power of hydraulic pump | 0,55 kW               |
| Motor power                   | 3,0 kW                |
| Machine dimension (L x D x H) | 1670 x 1130 x 1640 mm |
| Weight approx.                | 670 kg                |
| Art. no.                      | 04-1726XL             |

### Standard accessories:

- Bandsaw blade
- Material fence
- Hydraulic vice
- Coolant device
- Hydraulic lowering cylinder
- Working light
- Motor protective switch
- Regulation of cutting pressure
- Automatic blade break control
- Automatic shut-down
- Workpiece support

The double-column horizontal bandsaw CBS 280 has the significant advantage that the saw frame is fed via precision-ground column guides. This makes this machine ideal for processing blocks made of solid material.

# CBS 280



The dynamically balanced cast iron wheels assure smooth running.



Robust, cast-iron vice with hydraulic clamp.



#### Optional accessories:

Bandsaw blade BiFlex 3505 x 27 x 0,9 - Vario 4/6 TPI  
 Roller table RB 7 - 2000  
 Roller table RB 10 - 3000  
 Roller table RB 2000 A with fence  
 Roller table RB 3000 A with fence  
 Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no.  | excl. VAT |
|-----------|-----------|
| 47-10450  |           |
| 07-1462   |           |
| 07-1463XL |           |
| 07-1510   |           |
| 07-1515XL |           |
| 07-1467   |           |
| 54-1206   |           |

**Automatic blade  
break control**

# Double column horizontal bandsaw

# CBS 400

- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- It is driven by a gearbox and servomotor with a steplessly adjustable cutting speed
- Low-vibration running thanks to robust double-column guidance and heavy machine body
- Hydraulic vise for easy clamping of the workpiece, additionally with handwheel for fine adjustment
- Robust and vibration-free construction for professional use
- Equipped with hydraulic saw blade tensioning as standard
- Torsion-free, strong spheroidal cast iron saw frame
- Automatic shut-down at cutting end, the saw frame moves back to the adjustable height
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results
- Adjustable hydraulic cylinder for pressure regulation of the saw frame

**BERNARDO**  
www.bernardo.at  
**PROFESSIONAL**



The adjustable bandsaw blade guide prevents the bandsaw blade from running sideways or tilting.



Stable hydraulic cylinder for sensitive lowering of the saw frame.

**NEW**



Robust, cast-iron vice with hydraulic clamp.

## Technical data

## CBS 400

|                               |                       |
|-------------------------------|-----------------------|
| Cutting capacity round 90°    | 400 mm                |
| Cutting capacity flat 90°     | 400 x 400 mm          |
| Cutting capacity square 90°   | 400 x 400 mm          |
| Working height                | 610 mm                |
| Cutting speed, stepless       | 19 - 94 m/min         |
| Bandsaw blade dimension       | 5000 x 41 x 1,3 mm    |
| Coolant pump                  | 0,045 kW              |
| Motor power of hydraulic pump | 0,55 kW               |
| Motor power                   | 3,7 kW                |
| Machine dimension (L x D x H) | 2500 x 1160 x 1830 mm |
| Weight approx.                | 1355 kg               |
| Art. no.                      | 04-1727XL             |

## Optional accessories:

Bandsaw blade BiFlex 5000 x 41 x 1,3 - Vario 2/3 TPI  
 Bandsaw blade BiFlex 5000 x 41 x 1,3 - Vario 3/4 TPI  
 Bandsaw blade BiFlex 5000 x 41 x 1,3 - Vario 4/6 TPI  
 Bandsaw blade BiFlex 5000 x 41 x 1,3 - Vario 5/8 TPI  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-1291  |           |
| 47-12910 |           |
| 47-12911 |           |
| 47-12912 |           |
| 54-1206  |           |



The semi-automatic double-column horizontal band saw CBS 400 has the significant advantage that the saw frame is fed in via a precision-ground column guide. This makes this machine ideal for processing blocks made of solid material. In addition, this model is equipped with a servo motor as standard and offers a steplessly adjustable cutting speed.

# CBS 400

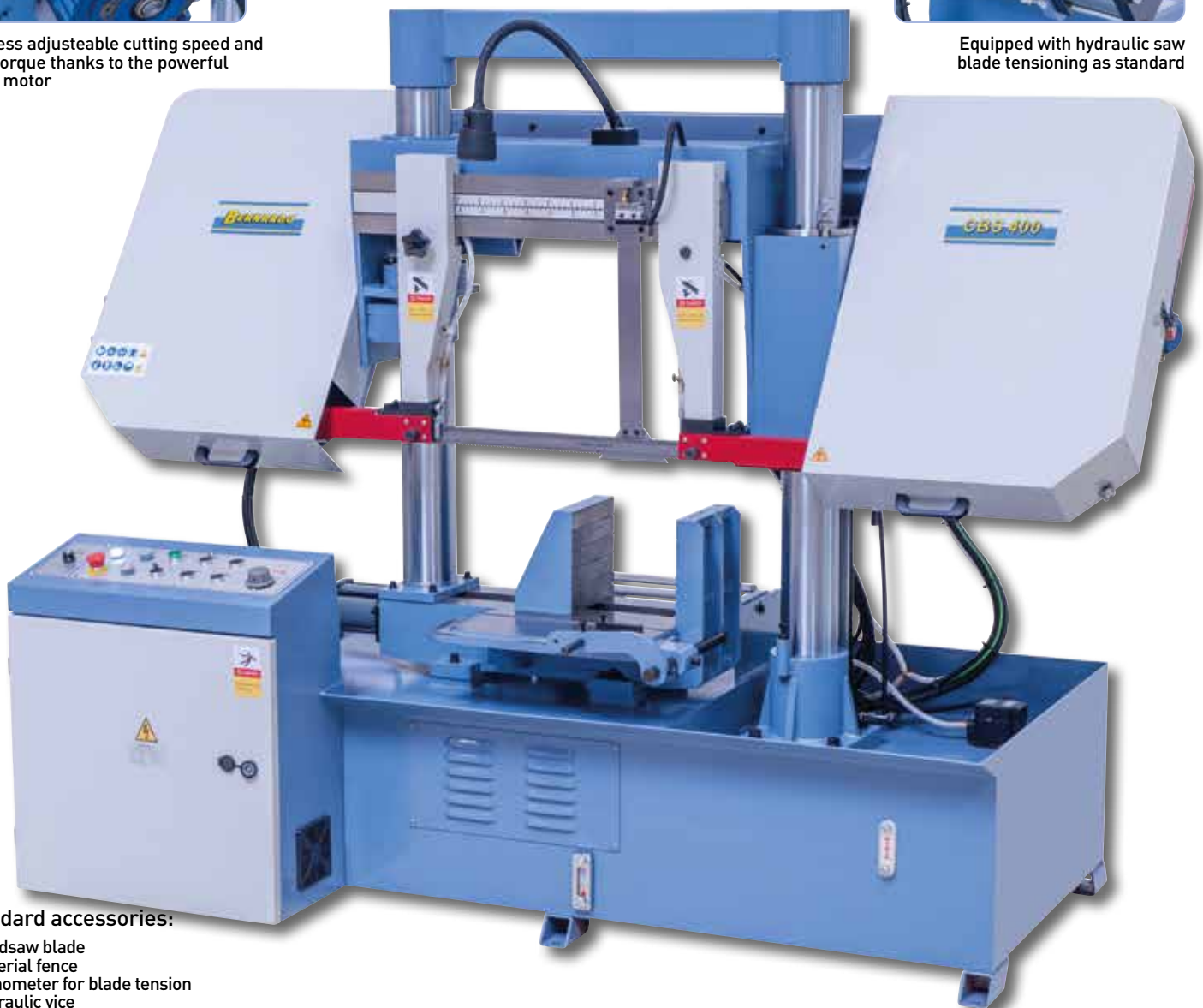


Stepless adjustable cutting speed and high torque thanks to the powerful servo motor

Automatic blade break control



Equipped with hydraulic saw blade tensioning as standard



Vario drive

## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Hydraulic vice
- Hydraulic blade tensioning
- Coolant device
- Hydraulic lowering cylinder
- Frequency inverter
- Working light
- Motor protective switch
- Regulation of cutting pressure
- Automatic shut-down
- Workpiece support

# Double column mitre bandsaw

## CBS 280 G

- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- The drive is via a V-belt drive with 3 cutting speeds (27 / 45 / 69 m/min)
- Low-vibration running thanks to robust double-column guidance and heavy machine body
- Complete with hydraulic vice for easy clamping of the workpiece
- Torsion-free, strong spheroidal cast iron saw frame
- Automatic shut-down at cutting end, the saw frame moves back to the adjustable height
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Robust and vibration-free construction for professional use
- For mitre cutting the saw frame tilts up to 45°



Belt drive with 3 adjustable cutting speeds



The adjustable bandsaw blade guide prevents the bandsaw blade from running sideways or tilting.



Stable hydraulic cylinder for sensitive lowering of the saw frame.



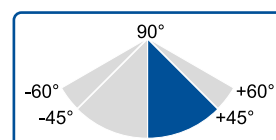
### Technical data

### CBS 280 G

|                               |                       |
|-------------------------------|-----------------------|
| Cutting capacity round 90°    | 280 mm                |
| Cutting capacity square 90°   | 280 x 280 mm          |
| Cutting capacity flat 90°     | 320 x 280 mm          |
| Cutting capacity round 45°    | 170 mm                |
| Cutting capacity square 45°   | 170 x 170 mm          |
| Cutting capacity flat 45°     | 170 x 280 mm          |
| Working height                | 670 mm                |
| Cutting speed                 | 27 / 45 / 69 m/min    |
| Bandsaw blade dimension       | 3625 x 27 x 0,9 mm    |
| Coolant pump                  | 0,045 kW              |
| Motor power of hydraulic pump | 0,55 kW               |
| Motor power                   | 3,0 kW                |
| Machine dimension (L x D x H) | 1740 x 1180 x 1540 mm |
| Weight approx.                | 790 kg                |
| Art. no.                      | 04-1728XL             |

### Standard accessories:

- Bandsaw blade
- Hydraulic vice
- Coolant device
- Hydraulic lowering cylinder
- Working light
- Motor protective switch
- Regulation of cutting pressure
- Automatic blade break control
- Automatic shut-down
- Workpiece support



The CBS 280 G double-column miter band saw has the major advantage that the saw frame is fed in via a precision-ground column guide. This makes this machine ideal for processing blocks made of solid material. For cutting mitres, the saw frame can be adjusted from 0° to 45° at any desired angle.

# CBS 280 G



Tiltable saw frame for mitre cuts from 90° to 45°.

**NEW**

Automatic blade break control



Robust, cast-iron vice with hydraulic clamp.



## Optional accessories:

Bandsaw blade BiFlex 3625 x 27 x 0,9 - Vario 4/6 TPI  
 Roller table RB 7 - 2000  
 Roller table RB 10 - 3000  
 Roller table RB 2000 A with fence  
 Roller table RB 3000 A with fence  
 Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no.  | excl. VAT |
|-----------|-----------|
| 47-10451  |           |
| 07-1462   |           |
| 07-1463XL |           |
| 07-1510   |           |
| 07-1515XL |           |
| 07-1467   |           |
| 54-1206   |           |

**BERNARDO**  
 PROFESSIONAL



# Fully automatic double column bandsaw

## CBS 280 VA

- Fully automated mode features automatic lifting of saw arm
- Feed length of workpiece can be set manually
- Automatic blade break control stops machine in case of blade break
- Programming the number of pieces is ideal for serial section
- Increased stability through precision-ground double-column guide for parallel cuts
- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results



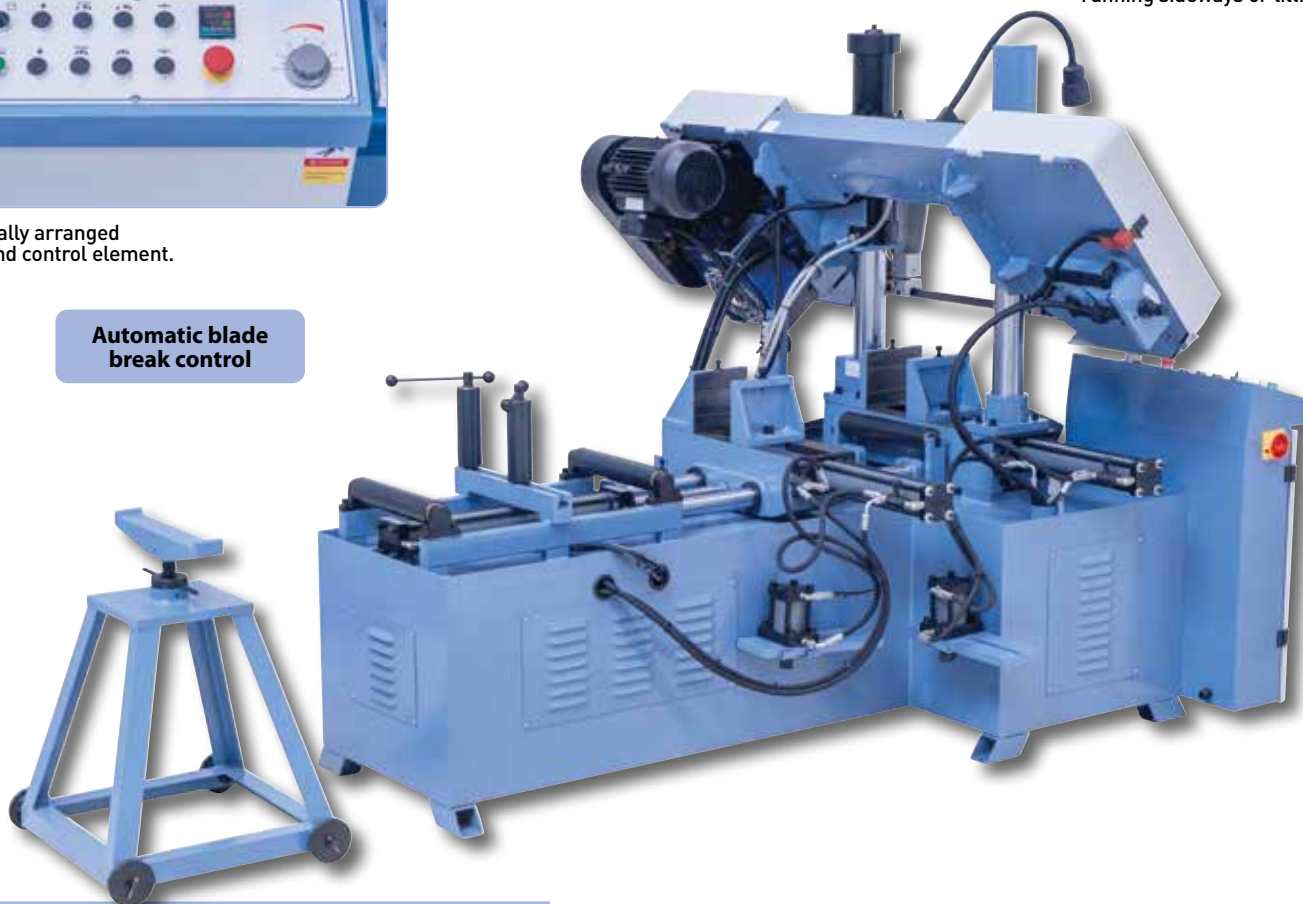
Ergonomically arranged switches and control element.

Fully automatic



The adjustable bandsaw blade guide prevents the bandsaw blade from running sideways or tilting.

Automatic blade break control



### Technical data

### CBS 280 VA

|                               |                       |
|-------------------------------|-----------------------|
| Cutting capacity round 90°    | 280 mm                |
| Cutting capacity flat 90°     | 280 x 280 mm          |
| Cutting capacity square 90°   | 280 x 280 mm          |
| Working height                | 710 mm                |
| Cutting speed, stepless       | 27 / 45 / 69 m/min    |
| Bandsaw blade dimension       | 3505 x 27 x 0,9 mm    |
| Coolant pump                  | 0,045 kW              |
| Motor power of hydraulic pump | 0,55 kW               |
| Motor power                   | 3,0 kW                |
| Machine dimension (L x D x H) | 1690 x 2170 x 1680 mm |
| Weight approx.                | 1015 kg               |
| Art. no.                      | 04-1729XL             |

### Optional accessories:

Bandsaw blade BiFlex 3505 x 27 x 0,9 - Vario 4/6 TPI  
 Roller table RB 7 - 2000  
 Roller table RB 10 - 3000  
 Roller table RB 2000 A with fence  
 Roller table RB 3000 A with fence  
 Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  
 Universal coolant fluid MN 1103, 5 l canister

| Art. no.  | excl. VAT |
|-----------|-----------|
| 47-10450  |           |
| 07-1462   |           |
| 07-1463XL |           |
| 07-1510   |           |
| 07-1515XL |           |
| 07-1467   |           |
| 54-1206   |           |

The CBS 280 VA model is a fully automatic metal band saw with the main advantage that the saw frame is fed in via a precision-ground double-column guide. This makes this machine ideal for processing blocks made of solid material. In addition, this model is equipped with a hydraulic top clamping device for cutting bundles of material.

# CBS 280 VA



Robust, cast-iron vice with hydraulic clamp.

Automatic or manual mode

Material feed via hydraulic clamping device and precise round guidance



**NEW**

**BERNARDO®**  
PROFESSIONAL



## Standard accessories:

- Bandsaw blade
- Hydraulic quick clamping vice
- Hydraulic workpiece feed
- Coolant device
- Hydraulic lowering cylinder
- Working light
- Motor protective switch
- Automatic shut-down
- Regulation of cutting pressure
- Automatic blade break control
- Hydraulic top clamping
- Workpiece support

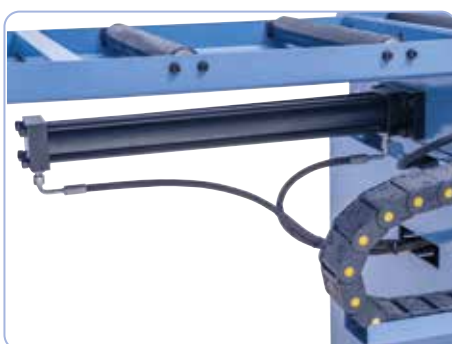
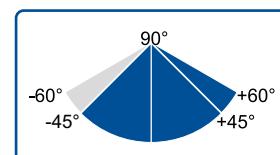
Belt drive with 3 adjustable cutting speeds



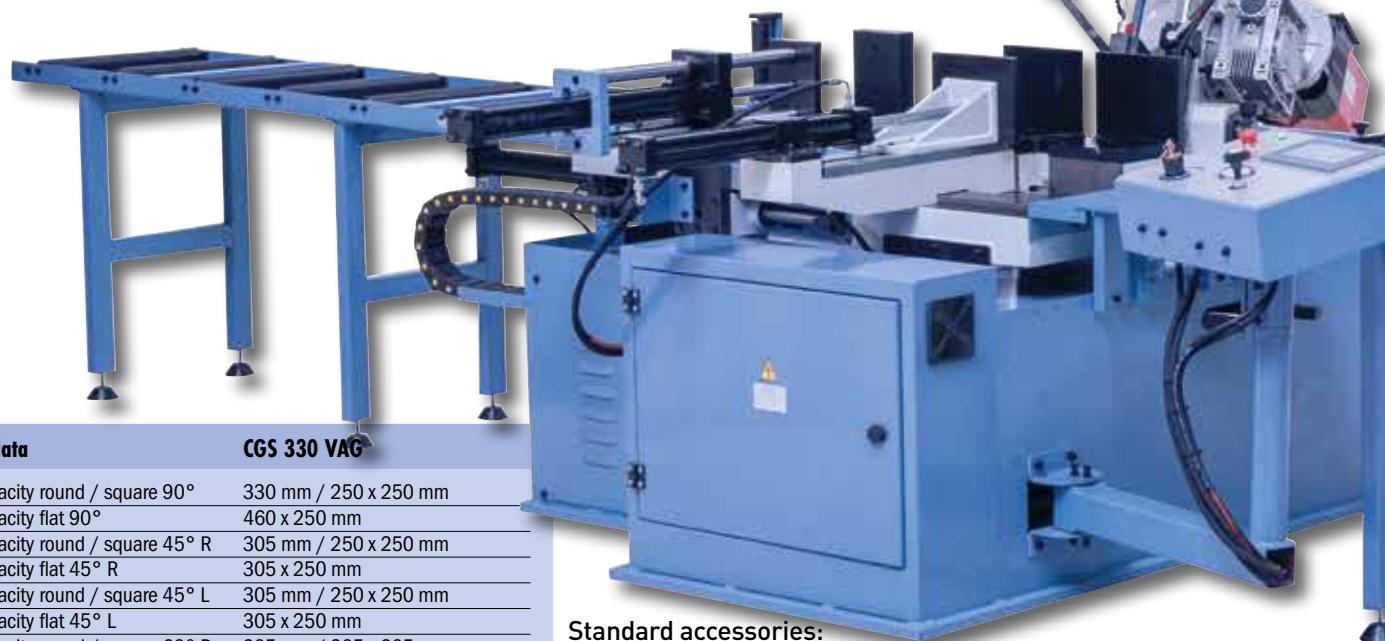
# Fully automatic mitre bandsaw

# CGS 330 VAG

- Fully automated model, including automatic lifting of saw arm
- Torsion-free, strong saw frame for precise cutting
- Saw frame tilts up to 60° for mitre cutting
- PLC control with program memory locations for entering the required number of cuts and cutting length, with automatic shutdown at the end of the program
- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Optimal power transmission to the wheel via hardened and ground worm shaft and worm gear
- Stepless adjustment of the cutting speed from 10 – 60 m/min by frequency inverter
- Bandsaw blade guiding via combined roll-jaw guide with carbide inserts
- Automatic blade break control stops the machine if blade breaks



Precision guide and hydraulic drive for highest positioning accuracy of the workpiece.



## Technical data

## CGS 330 VAG

|                                       |                        |
|---------------------------------------|------------------------|
| Cutting capacity round / square 90°   | 330 mm / 250 x 250 mm  |
| Cutting capacity flat 90°             | 460 x 250 mm           |
| Cutting capacity round / square 45° R | 305 mm / 250 x 250 mm  |
| Cutting capacity flat 45° R           | 305 x 250 mm           |
| Cutting capacity round / square 45° L | 305 mm / 250 x 250 mm  |
| Cutting capacity flat 45° L           | 305 x 250 mm           |
| Cutting capacity round / square 60° R | 205 mm / 205 x 205 mm  |
| Cutting capacity flat 60° R           | 205 x 250 mm           |
| Working height                        | 860 mm                 |
| Bandsaw blade dimension               | 3960 x 34 x 1,1 mm     |
| Cutting speed, stepless               | 10 - 60 m/min          |
| Coolant pump                          | 0,045 kW               |
| Motor power                           | 2,2 kW                 |
| Voltage                               | 400 V                  |
| Machine dimension (L x D x H)         | 2380 x 1740* x 2000 mm |
| Weight approx.                        | 1420 kg                |
| Art. no.                              | 04-1731XL              |

\* with 2 roller tables 6580 mm

## Standard accessories:

- Bandsaw blade
- Material fence
- Hydraulic quick clamping vice
- Hydraulic workpiece feed
- Coolant device
- Hydraulic cylinder
- Frequency inverter
- Motor protective switch
- Automatic shut-down
- Regulation of cutting pressure
- PLC-control
- Automatic blade break control
- 2 roller table

# NEW

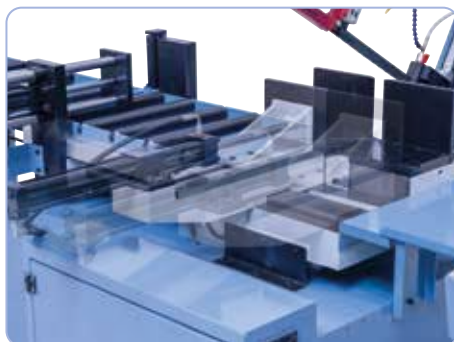


The model CGS 330 VAG is a fully automated mitre bandsaw (up to 60°) with a wide range of accessories (such as PLC-control, stepless cutting speed, automatic blade break control,....). The integrated PLC control allows you to predefine the required number of cuts and cutting length, which ensures economical serial production.

# CGS 330 VAG



All settings are made via a clearly arranged PLC control.



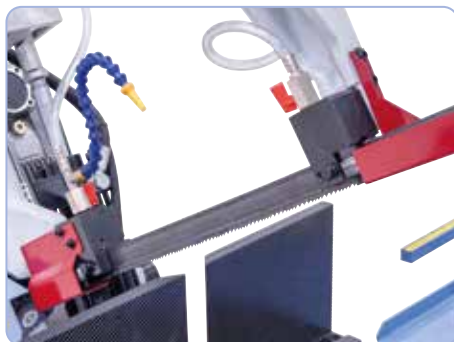
Hydraulic vice, moveable for mitre cutting



Strong hydraulic cylinder, designed for permanent operation.



Stepless adjustable cutting speed and high torque thanks to the powerful servo motor



Bandsaw blade guide features quick adjustment to the width of the workpiece to ensure accurate results.



Hydraulic unit housed in the machine body to save space.



**BERNARDO**  
PROFESSIONAL

Integrated  
PLC-control

Automatic blade  
break control

Fully automatic

#### Optional accessories:

Bandsaw blade BiFlex 3960 x 34 x 1,1 - Vario 2/3 TPI  
Bandsaw blade BiFlex 3960 x 34 x 1,1 - Vario 3/4 TPI  
Bandsaw blade BiFlex 3960 x 34 x 1,1 - Vario 4/6 TPI  
Bandsaw blade BiFlex 3960 x 34 x 1,1 - Vario 5/8 TPI  
Universal coolant fluid MN 1103, 5 l canister

| Art. no. | excl. VAT |
|----------|-----------|
| 47-10452 |           |
| 47-10453 |           |
| 47-10454 |           |
| 47-10455 |           |
| 54-1206  |           |

# Fully automatic double column bandsaw

## BSM - Serie

- Fully automated model, including automatic lifting of saw arm
- PLC control with program memory locations for entering the required number of cuts and cutting length, with automatic shutdown at the end of the program
- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Stepless adjustment of the cutting speed by frequency inverter (NC Pro)
- Automatic blade break control stops the machine if blade break
- Increased stability through precision-ground double-column guide
- Ball bedded bandsaw blade guide with quick adjustment to the workpiece width guarantees optimal results



Material feed via hydraulic clamping device and precise round guidance



Equipped with hydraulic saw blade tensioning as standard (NC Pro)



The adjustable bandsaw blade guide prevents the bandsaw blade from running sideways or tilting.

### Fully automatic

#### Standard accessories:

- Bandsaw blade
- Hydraulic clamping vice
- Manometer for blade tension
- Hydraulic blade tensioning
- Hydraulic workpiece feed
- Chip conveyor (NC Pro)
- Coolant device
- Hydraulic cylinder
- Working light
- Frequency inverter Delta (NC Pro)
- Motor protective switch
- Automatic shut-down
- Regulation of cutting pressure
- PLC-control Delta
- Automatic blade break control
- Hydraulic top clamping
- Roller table



Combined roll-carbide guiding prevents excessive wear of the bandsaw blade

**BERNARDO**  
PROFESSIONAL

Vario-Drive

NC Pro

Automatic blade  
break control

| Technical data                | BSM 330 NC / 330 NC Pro       | BSM 430 NC / 430 NC Pro       | BSM 530 NC / 530 NC Pro       |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Cutting capacity round 90°    | 330 mm                        | 430 mm                        | 530 mm                        |
| Cutting capacity flat 90°     | 330 x 330 mm                  | 430 x 430 mm                  | 530 x 530 mm                  |
| Cutting capacity square 90°   | 330 x 330 mm                  | 430 x 430 mm                  | 530 x 530 mm                  |
| Working height                | 635 mm                        | 745 mm                        | 635 mm                        |
| Cutting speed (NC)            | 25 / 45 / 64 / 80 m/min       | 25 / 45 / 64 / 80 m/min       | 25 / 55 / 85 mm               |
| Cutting speed (NC PRO)        | 20 - 80 m/min                 | 18 - 80 m/min                 | 10 - 95 m/min                 |
| Bandsaw blade dimension       | 4115 x 34 x 1,1 mm            | 5080 x 41 x 1,3 mm            | 6240 x 41 x 1,3 mm            |
| Coolant pump                  | 0,135 kW                      | 0,135 kW                      | 0,135 kW                      |
| Motor power of hydraulic pump | 0,75 kW                       | 0,75 kW                       | 1,5 kW                        |
| Motor power                   | 4,0 kW                        | 7,5 kW                        | 7,5 kW                        |
| Machine dimension (L x D x H) | 2520 x 2280 (3690*) x 1630 mm | 2750 x 2410 (3820*) x 1500 mm | 3300 x 2100 (3510*) x 2000 mm |
| Weight approx.                | 1950 kg / 1990 kg             | 2450 kg / 2500 kg             | 3680 / 3730 kg                |
| Art. no.                      | 04-1740XL (BSM 330 NC)        | 04-1742XL (BSM 430 NC)        | 04-1744XL (BSM 530 NC)        |
|                               | 04-1741XL (BSM 330 NC Pro)    | 04-1743XL (BSM 430 NC Pro)    | 04-1745XL (BSM 530 NC Pro)    |
| Price excl. VAT               |                               |                               |                               |

\* with infeed roller tables

The BSM model is a fully automatic metal band saw with the main advantage that the saw frame is fed in via a precision-ground double-column guide. This makes this machine ideal for processing blocks made of solid material. In addition, this model is equipped with a hydraulic top clamping device for cutting bundles of material.

# BSM - Serie



Clearly arranged switch box with high-quality electric components.



Stable hydraulic cylinder for sensitive lowering of the saw frame.



Equipped with a chip conveyor as standard.



**NEW**

**Integrated  
PLC-control**

#### Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade BiFlex 4115 x 34 x 1,1 - Vario 3/4 TPI | 47-12797 |           |
| Bandsaw blade BiFlex 4115 x 34 x 1,1 - Vario 4/6 TPI | 47-12798 |           |
| Bandsaw blade BiFlex 4115 x 34 x 1,1 - Vario 5/8 TPI | 47-12799 |           |
| Bandsaw blade BiFlex 5080 x 41 x 1,3 - Vario 3/4 TPI | 47-12913 |           |
| Bandsaw blade BiFlex 5080 x 41 x 1,3 - Vario 4/6 TPI | 47-12914 |           |

#### Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade BiFlex 5080 x 41 x 1,3 - Vario 5/8 TPI | 47-12915 |           |
| Bandsaw blade BiFlex 6240 x 41 x 1,3 - Vario 3/4 TPI | 47-13022 |           |
| Bandsaw blade BiFlex 6240 x 41 x 1,3 - Vario 4/6 TPI | 47-13023 |           |
| Bandsaw blade BiFlex 6240 x 41 x 1,3 - Vario 5/8 TPI | 47-13024 |           |
| Universal coolant fluid MN 1103, 5 l canister        | 54-1206  |           |



# Fully automatic mitre bandsaw

## BSMG - Serie

- Fully automated model, including automatic lifting of saw arm
- PLC control with program memory locations for entering the required number of cuts and cutting length, with automatic shutdown at the end of the program
- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- Adjustable hydraulic cylinder for pressure regulation of the saw frame
- Stepless adjustment of the cutting speed by frequency inverter
- Bandsaw blade guiding via combined roll-jaw guide with carbide inserts
- Automatic blade break control stops the machine if blade break
- Increased stability through precision-ground double-column guide



In automatic mode, the feed length, cutting angle and number of cuts can be programmed.



Automatic cutting angle adjustment with hydraulic clamping.

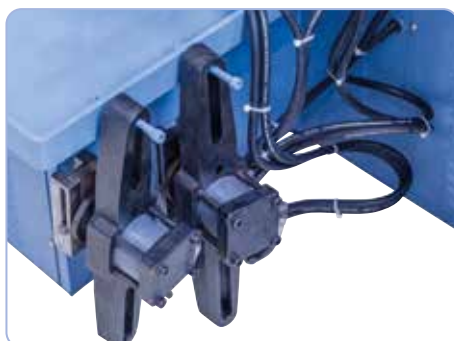


Material feed via hydraulic clamping device and precise round guidance



### Standard accessories:

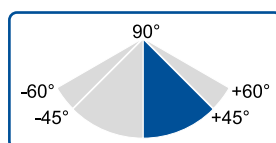
- Bandsaw blade
- Hydraulic clamping vice
- Hydraulic workpiece feed
- Automatic cutting angle adjustment
- Chip conveyor (BSMG 300 NC / BSMG 400 NC)
- Coolant device
- Hydraulic cylinder
- Working light
- Frequency inverter
- Motor protective switch
- Automatic shut-down
- Regulation of cutting pressure
- PLC-control
- Automatic blade break control
- Hydraulic top clamping
- Roller table



Hydraulic bundle clamping device for both vices included in delivery.



Bandsaw blade guiding via combined roll-jaw guide system with carbide inserts.



**Integrated  
PLC-control**

| Technical data                      | BSMG 300 NC                   | BSMG 400 NC                   | BSMG 600 NC                   |
|-------------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Cutting capacity round / square 90° | 310 mm / 310 x 310 mm         | 400 mm / 400 x 400 mm         | 600 mm / 600 x 600 mm         |
| Cutting capacity flat 90°           | 370 x 310 mm                  | 500 x 400 mm                  | 700 x 600 mm                  |
| Cutting capacity round / square 45° | 270 mm / 270 x 270 mm         | 350 mm / 30 x 350 mm          | 600 mm / 600 x 600 mm         |
| Cutting capacity flat 45°           | 270 x 310 mm                  | 350 x 400 mm                  | 600 x 600 mm                  |
| Working height                      | 735 mm                        | 755 mm                        | 995 mm                        |
| Cutting speed, stepless             | 18 - 110 m/min                | 20 - 80 m/min                 | 20 - 90 m/min                 |
| Bandsaw blade dimension             | 4430 x 34 x 1,1 mm            | 5590 x 41 x 1,25 mm           | 8950 x 41 x 1,3 mm            |
| Coolant pump                        | 0,06 kW                       | 0,06 kW                       | 0,12 kW                       |
| Motor power of hydraulic pump       | 0,75 kW                       | 1,5 kW                        | 1,5 kW                        |
| Motor power                         | 3,0 kW                        | 4,0 kW                        | 7,5 kW                        |
| Machine dimension (L x D x H)       | 2360 x 2350 (4350*) x 1780 mm | 2915 x 2500 (4500*) x 2100 mm | 4400 x 3100 (5100*) x 2400 mm |
| Weight approx.                      | 1990 kg                       | 2970 kg                       | 5600 kg                       |
| Art. no.                            | 04-1746XL                     | 04-1747XL                     | 04-1748XL                     |
| Price excl. VAT                     |                               |                               | on request                    |

\* with infeed roller tables

The model BSMG is a fully automated mitre bandsaw (up to 45°) with programmable cutting angle adjustment and a wide range of accessories (such as PLC-control, stepless cutting speed, automatic blade break control,...). The integrated PLC control allows you to predefine the required number of cuts and cutting length, which ensures economical serial production.

# BSMG - Serie

Automatic blade  
break control



Powerful drive motor features bevel toothed gear unit. Motor capacity ranges from 3,0 kW to 7,5 kW

Fully automatic

**NEW**

Automatic  
cutting angle adjustment

## Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 4430 x 34 x 1,1 - Vario 3/4 TPI  | 47-1282  |           |
| Bandsaw blade BiFlex 4430 x 34 x 1,1 - Vario 4/6 TPI  | 47-12820 |           |
| Bandsaw blade BiFlex 4430 x 34 x 1,1 - Vario 5/8 TPI  | 47-12821 |           |
| Bandsaw blade BiFlex 5590 x 34 x 1,25 - Vario 3/4 TPI | 47-12990 |           |
| Bandsaw blade BiFlex 5590 x 34 x 1,25 - Vario 4/6 TPI | 47-12991 |           |

## Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 5590 x 34 x 1,25 - Vario 5/8 TPI | 47-12992 |           |
| Bandsaw blade BiFlex 8950 x 41 x 1,3 - Vario 3/4 TPI  | 47-13300 |           |
| Bandsaw blade BiFlex 8950 x 41 x 1,3 - Vario 4/6 TPI  | 47-13301 |           |
| Bandsaw blade BiFlex 8950 x 41 x 1,3 - Vario 5/8 TPI  | 47-13302 |           |
| Universal coolant fluid MN 1103, 5 l canister         | 54-1206  |           |

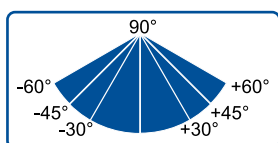
# Semi-automatic double mitre bandsaw

## MSB 440 DGH

- Cutting of profiles, pipes, full rivet iron and non-ferrous materials
- The semi-automatic function increases productivity
- Complete with hydraulic vice for easy clamping of the workpiece
- Stepless cutting speed for optimal adjustment to the workpiece
- A manometer assures accurate blade tension
- Automatic regulation of the cutting pressure
- Saw frame tilts to both sides for mitre cutting up to 60°
- Robust and vibration-free construction for professional use



The robust hydraulic cylinder allows sensitive lowering of the saw frame.



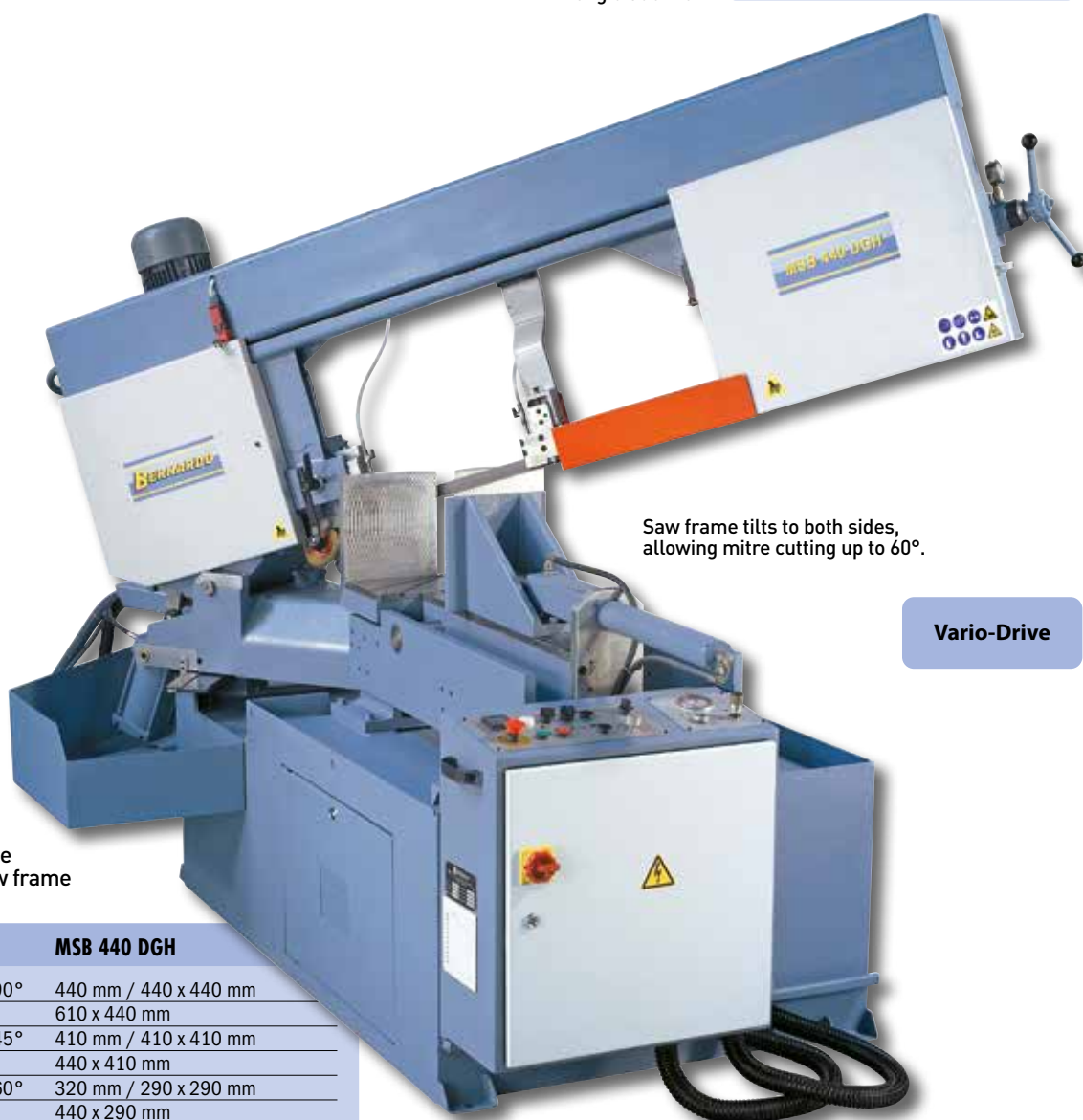
### Semi-automatic operating mode:

- Hydraulic clamping of the vice
- Hydraulic lowering of the saw frame
- Lifting of the saw frame

| Technical data                      | MSB 440 DGH           |
|-------------------------------------|-----------------------|
| Cutting capacity round / square 90° | 440 mm / 440 x 440 mm |
| Cutting capacity flat 90°           | 610 x 440 mm          |
| Cutting capacity round / square 45° | 410 mm / 410 x 410 mm |
| Cutting capacity flat 45°           | 440 x 410 mm          |
| Cutting capacity round / square 60° | 320 mm / 290 x 290 mm |
| Cutting capacity flat 60°           | 440 x 290 mm          |
| Working height                      | 860 mm                |
| Cutting speed, stepless             | 20 - 100 m/min        |
| Bandsaw blade dimension             | 5200 x 34 x 1,1 mm    |
| Coolant pump                        | 120 W                 |
| Motor power                         | 3,0 kW                |
| Machine dimension (L x D x H)       | 2800 x 1210 x 1870 mm |
| Weight approx.                      | 1500 kg               |
| Art. no.                            | 04-1765XL             |
| Price excl. VAT                     | on request            |



Bandsaw blade guiding features ball bearings and a height-adjustable chip brush, both guarantees long blade life.



Saw frame tilts to both sides, allowing mitre cutting up to 60°.

Vario-Drive

### Optional accessories:

|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| Bandsaw blade BiFlex 5200 x 34 x 1,1 mm - Vario 4/6 TPI       | 47-1040   |           |
| Roller table RB 10 - 3000                                     | 07-1463XL |           |
| Roller table RB 3000 A with fence                             | 07-1515XL |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Universal coolant fluid MN 1103, 5 l canister                 | 54-1206   |           |



The model MSB 440 DGH is a semi-automatic double mitre saw for mitre cutting up to 60°. The stepless cutting speed and the hydraulic vice ensure comfortable working. The application area of this machine is predominantly targeted at locksmith shops, repair shops and tool construction.

# MSB 440 DGH



The serial manometer assures precise adjustment of the blade tension.



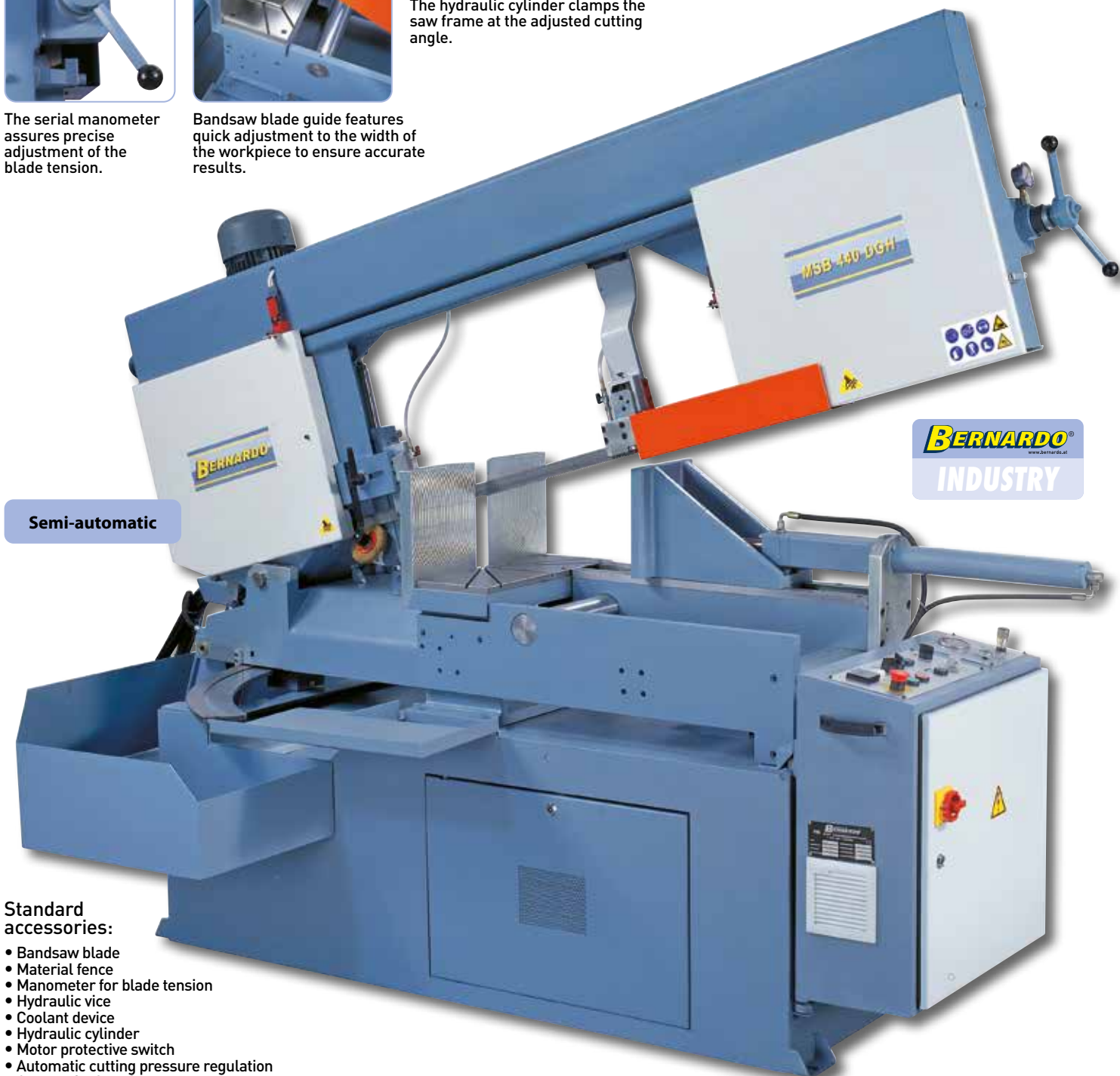
Bandsaw blade guide features quick adjustment to the width of the workpiece to ensure accurate results.



The hydraulic cylinder clamps the saw frame at the adjusted cutting angle.



Clearly arranged switch box on the front side of the machine, making operating very user-friendly.



Semi-automatic

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## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Hydraulic vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic cutting pressure regulation
- Automatic shut-down

# Semi-automatic metal bandsaws

# MSB 320 H MSB 320 HL

- The MSB 320 HL features enhanced cutting capacity
- Serial roller table for operating of long workpieces
- Vice tilts up to 45° for mitre cutting
- Solid and vibration-free construction due to high-quality material
- Stepless speed adjustment for optimal results
- Torsion-free, strong saw frame for precise cutting
- Automatic shut-down at cutting end
- Automatic blade break control stops the machine if blade breaks
- Stable saw frame, thereby smooth and vibration-free run
- Bandsaw blade guiding features ball bearings and chip brush to allow for ideal results

The serial manometer allows accurate adjustment of the blade tension.



Semi-automatic

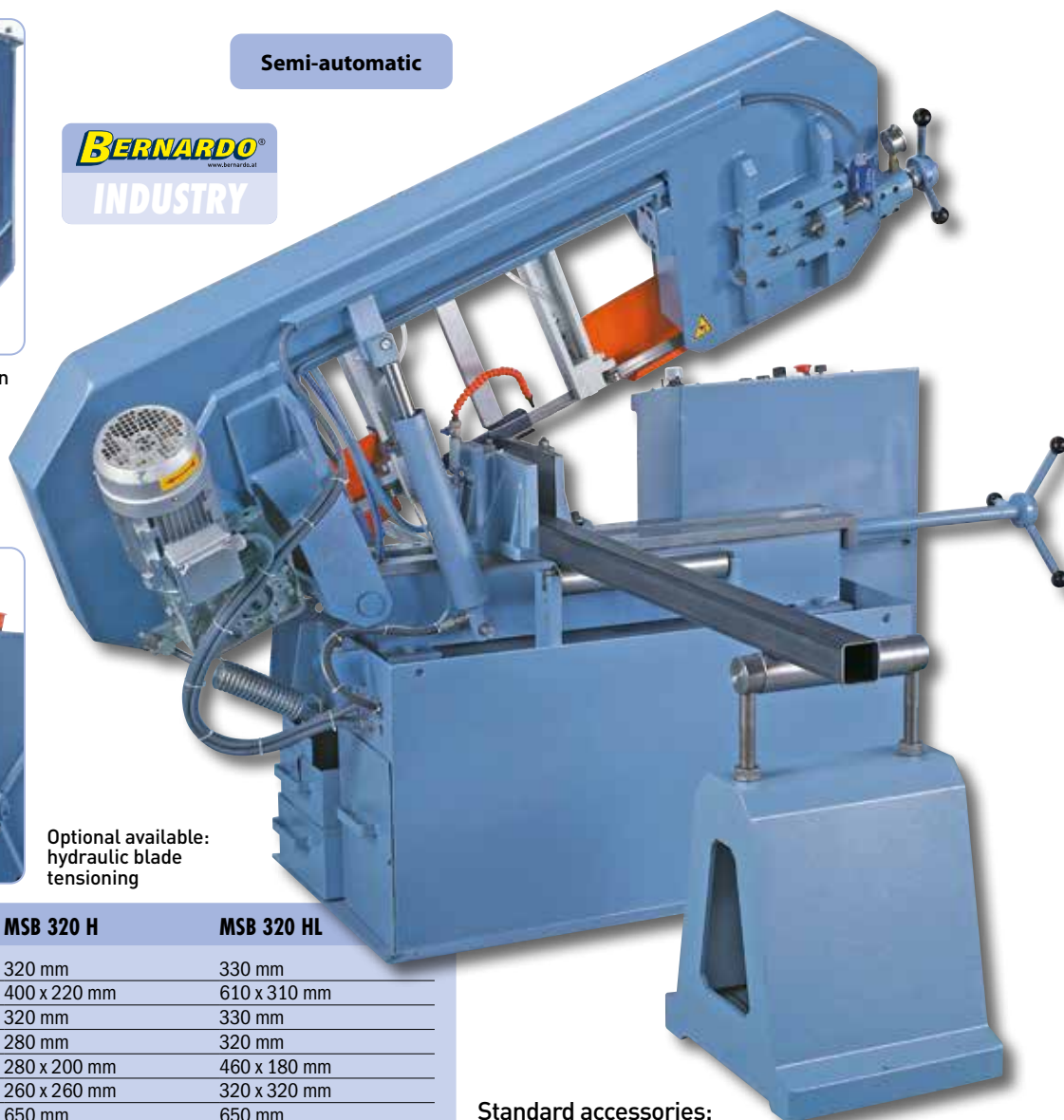
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The dynamically balanced cast iron wheels assure smooth running.



Optional available:  
hydraulic blade  
tensioning



## Technical data

|                               | MSB 320 H            | MSB 320 HL           |
|-------------------------------|----------------------|----------------------|
| Cutting capacity round 90°    | 320 mm               | 330 mm               |
| Cutting capacity flat 90°     | 400 x 220 mm         | 610 x 310 mm         |
| Cutting capacity square 90°   | 320 mm               | 330 mm               |
| Cutting capacity round 45°    | 280 mm               | 320 mm               |
| Cutting capacity flat 45°     | 280 x 200 mm         | 460 x 180 mm         |
| Cutting capacity square 45°   | 260 x 260 mm         | 320 x 320 mm         |
| Working height                | 650 mm               | 650 mm               |
| Bandsaw blade dimension       | 3660 x 27 x 0,9 mm   | 4160 x 34 x 1,1 mm   |
| Cutting speed, stepless       | 20 - 100 m/min       | 20 - 100 m/min       |
| Coolant pump                  | 120 W                | 120 W                |
| Motor power                   | 1,5 kW               | 2,2 kW               |
| Machine dimension (L x D x H) | 1850 x 850 x 1250 mm | 2100 x 850 x 1250 mm |
| Weight approx.                | 670 kg               | 773 kg               |
| Art. no.                      | 04-1220XL            | 04-1240XL            |
| Price excl. VAT               | on request           | on request           |

## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic blade break control
- Automatic shut-down
- Roller table

The serial roller table is ideal for operating with long workpieces.



The semi-automatic function of these metal bandsaws greatly increases the productivity. The vice tilts, allowing mitre cutting up to 45°. The robust and vibration-free construction makes this model ideal for workshops, repair shops and tool shops.

# MSB 320 H MSB 320 HL



Ergonomically arranged control box on the front of the machine allows user-friendly operating.

The solid bandsaw blade guide features ball bearings and is adjustable to the workpiece from both sides, ensuring best possible cutting results.



Vario-Drive

Automatic blade  
break control

#### Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 3660 x 27 x 0,9 mm - Vario 4/6 TPI | 47-1270  |           |
| Bandsaw blade BiFlex 3660 x 34 x 0,9 mm - Vario 4/6 TPI | 47-1271  |           |
| Bandsaw blade BiFlex 4160 x 27 x 0,9 mm - Vario 4/6 TPI | 47-1280  |           |
| Bandsaw blade BiFlex 4160 x 34 x 1,1 mm - Vario 4/6 TPI | 47-1281  |           |
| Turn table <sup>1</sup>                                 | 04-1442  |           |
| Micro cooling system <sup>1</sup>                       | 04-1456  |           |

<sup>1</sup> on request

#### Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Chip conveyor <sup>1</sup>                     | 04-1568  |           |
| Hydraulic blade tensioning <sup>1</sup>        | 04-1575  |           |
| Hydraulic vice <sup>1</sup>                    | 04-1582  |           |
| Automatic sensitive press control <sup>1</sup> | 04-1623  |           |
| Hydraulic top clamping <sup>1</sup>            | 04-1624  |           |
| Universal coolant fluid MN 1103, 5 l canister  | 54-1206  |           |

<sup>1</sup> on request



# Semi-automatic metal bandsaws

## MSB 320 HG MSB 320 HGL

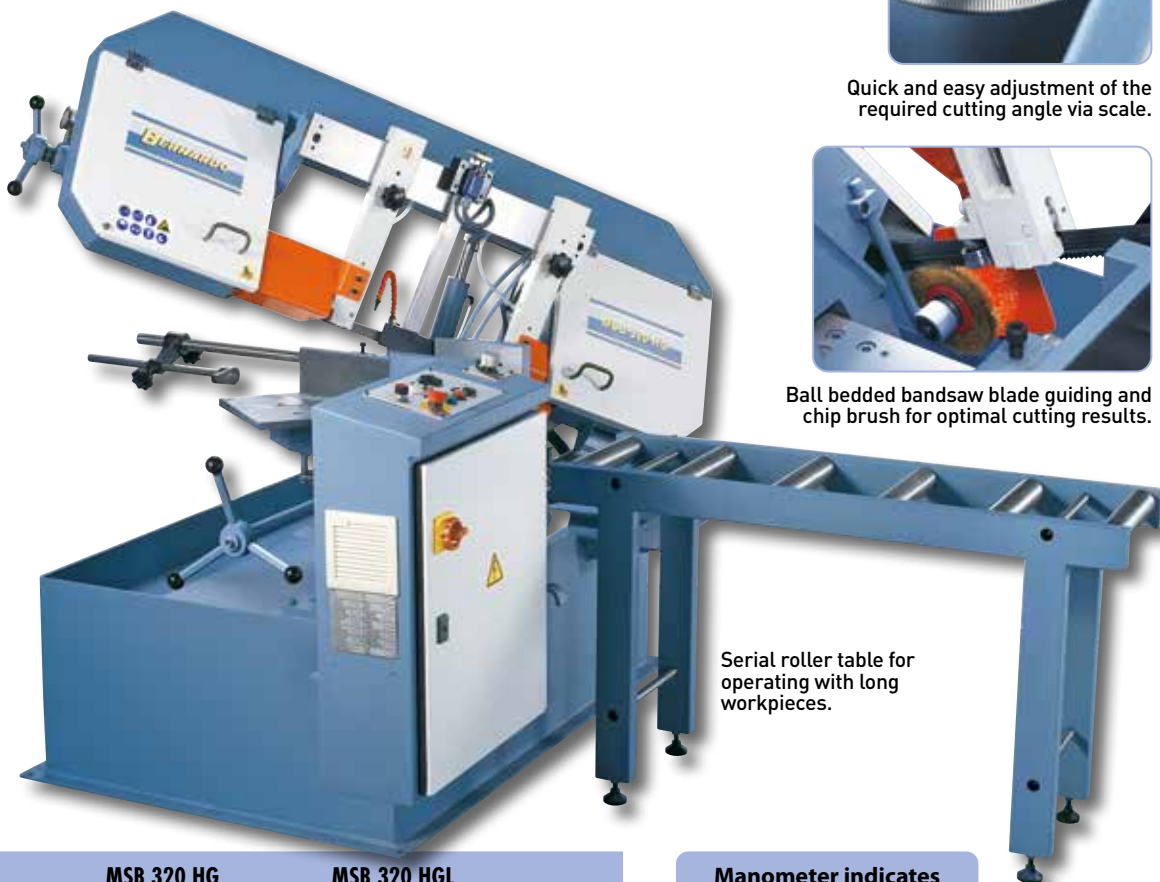
- Ideal for cutting of profiles, pipes, full rivet iron and non-ferrous materials
- Model MSB 320 HGL features enhanced cutting capacity
- Automatic blade break control stops the machine if blade breaks
- Variable cutting speed for convenient operating
- Automatic, height adjustable lifting of the saw frame at cutting end with adjustable lift height
- Saw frame tilts up to 60° for mitre cutting
- Optimal cutting results due to the stepless speed adjustment
- Automatic shut-down at cutting end
- Stable saw frame, thereby smooth and vibration-free run
- Torsion-free, strong saw frame for precise cutting



Stable hydraulic cylinder for sensitive lowering of the saw frame.

**Automatic blade  
break control**

**Vario-Drive**



Quick and easy adjustment of the required cutting angle via scale.



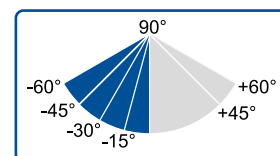
Ball bedded bandsaw blade guiding and chip brush for optimal cutting results.

Serial roller table for operating with long workpieces.

**Manometer indicates  
blade tension (standard)**

### Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Quick clamping vice
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic blade break control
- Automatic shut-down
- Roller table



### Technical data

|                                   | MSB 320 HG            | MSB 320 HGL           |
|-----------------------------------|-----------------------|-----------------------|
| Cutting capacity round / flat 90° | 320 mm / 350 x 320 mm | 320 mm / 610 x 320 mm |
| Cutting capacity square 90°       | 320 x 320 mm          | 320 x 320 mm          |
| Cutting capacity round / flat 75° | 320 mm / 340 x 300 mm | 320 mm / 580 x 320 mm |
| Cutting capacity square 75°       | 300 x 300 mm          | 320 x 320 mm          |
| Cutting capacity round / flat 60° | 300 mm / 300 x 200 mm | 320 mm / 510 x 320 mm |
| Cutting capacity square 60°       | 250 x 250 mm          | 320 x 320 mm          |
| Cutting capacity round / flat 45° | 260 mm / 250 x 180 mm | 320 mm / 355 x 320 mm |
| Cutting capacity square 45°       | 180 x 180 mm          | 320 x 320 mm          |
| Cutting capacity round 30°        | 160 mm                | 280 mm                |
| Cutting capacity flat 30°         | 150 x 150 mm          | 280 x 200 mm          |
| Working height                    | 740 mm                | 740 mm                |
| Bandsaw blade dimension           | 3660 x 27 x 0,9 mm    | 4160 x 34 x 1,1 mm    |
| Cutting speed, stepless           | 20 - 100 m/min        | 20 - 100 m/min        |
| Coolant pump                      | 120 W                 | 120 W                 |
| Motor power                       | 1,5 kW                | 2,2 kW                |
| Machine dimension (L x D x H)     | 1850 x 1200 x 1340 mm | 2100 x 1200 x 1340 mm |
| Weight approx.                    | 1015 kg               | 1200 kg               |
| Art. no.                          | 04-1300XL             | 04-1320XL             |
| Price excl. VAT                   | on request            | on request            |

The MSB 320 HG and MSB 320 HGL metal bandsaws are equipped with a saw frame swinging up to 60° for mitre cutting. The stepless speed adjustment and the automatic blade break control ensure user-friendly and safe operating.

# MSB 320 HG MSB 320 HGL

Saw machines

Clearly arranged switch box with high-quality electric components.



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INDUSTRY

Semi-automatic

#### Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 3660 x 27 x 0,9 mm - Vario 4/6 TPI | 47-1270  |           |
| Bandsaw blade BiFlex 3660 x 34 x 0,9 mm - Vario 4/6 TPI | 47-1271  |           |
| Bandsaw blade BiFlex 4160 x 27 x 0,9 mm - Vario 4/6 TPI | 47-1280  |           |
| Bandsaw blade BiFlex 4160 x 34 x 1,1 mm - Vario 4/6 TPI | 47-1281  |           |
| Micro cooling system <sup>1</sup>                       | 04-1456  |           |

<sup>1</sup> on request

#### Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Hydraulic vice <sup>1</sup>                    | 04-1582  |           |
| Hydraulic blade tensioning <sup>1</sup>        | 04-1575  |           |
| Automatic sensitive press control <sup>1</sup> | 04-1623  |           |
| Hydraulic top clamping <sup>1</sup>            | 04-1624  |           |
| Universal coolant fluid MN 1103, 5 l canister  | 54-1206  |           |

<sup>1</sup> on request

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# Semi-automatic metal bandsaws

# MSB-H

- Automatic lifting of the saw frame with adjustable lifting height when cutting is complete
- Vice tilts from 90° up to 45° for mitre cutting (except MSB 1110 H)
- Increased stability due to precisely polished linear guide for parallel cuts
- Automatic blade break control stops the machine if blade breaks
- Automatic shut-down at cutting end
- Stepless speed change to allow precise adjustment to each workpiece
- Serial roller table for operating with long workpieces
- Bandsaw blade guiding features ball bearings and carbide tips
- Optimal power transmission to the blade wheel due to the robust gear unit
- Torsion-free, strong saw frame for precise cutting



Solidly designed, powerful motor guarantees ideal transmission

**Automatic blade break control**

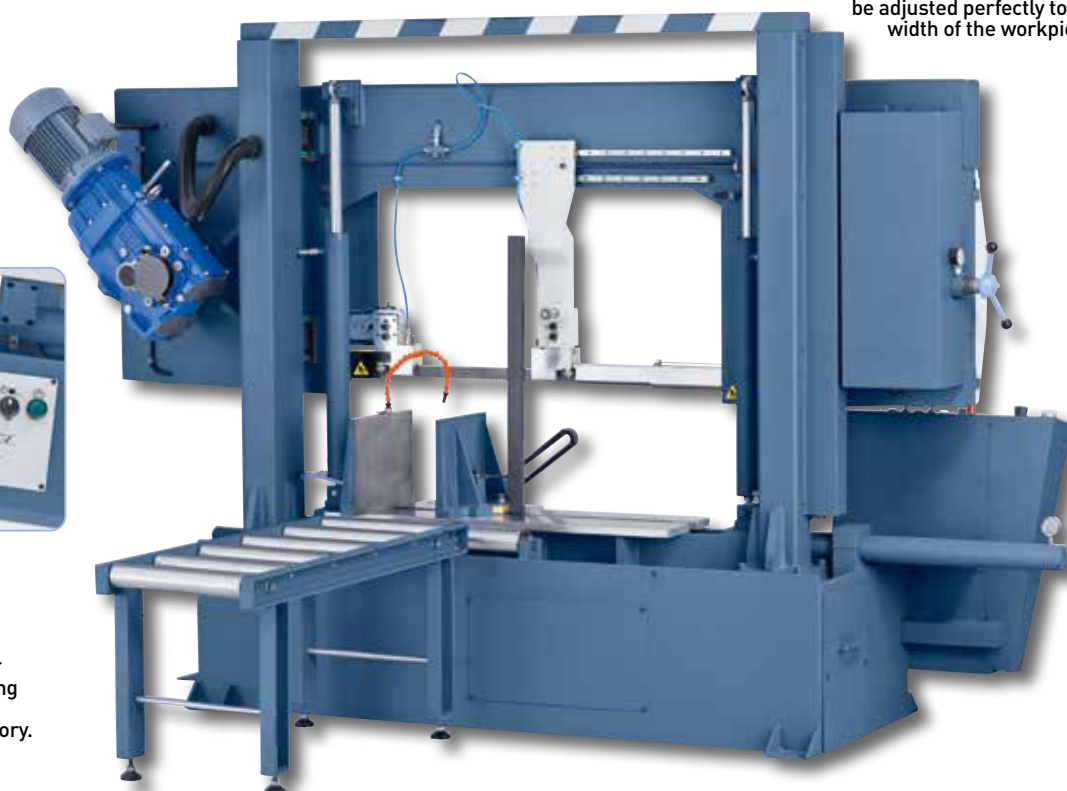


The bandsaw blade guide can be adjusted perfectly to the width of the workpiece.



High user-friendliness due to clearly arranged control elements.

A roller table for supporting of long workpieces is a standard accessory.



| Technical data                | MSB 360 H             | MSB 460 H             | MSB 560 H             | MSB 810 H             | MSB 1110 H            |
|-------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Cutting capacity round 90°    | 380 mm                | 460 mm                | 560 mm                | 810 mm                | 1110 mm               |
| Cutting capacity square 90°   | 380 x 380 mm          | 460 x 460 mm          | 560 x 560 mm          | 810 x 810 mm          | 1110 x 1110 mm        |
| Cutting capacity flat 90°     | 520 x 380 mm          | 650 x 460 mm          | 750 x 560 mm          | 850 x 810 mm          | 1110 x 1110 mm        |
| Cutting capacity round 45°    | 300 mm                | 380 mm                | 410 mm                | 480 mm                | -                     |
| Cutting capacity square 45°   | 300 x 300 mm          | 380 x 380 mm          | 410 x 410 mm          | 480 x 480 mm          | -                     |
| Cutting capacity flat 45°     | 300 x 380 mm          | 380 x 460 mm          | 410 x 560 mm          | 480 x 810 mm          | -                     |
| Working height                | 590 mm                | 590 mm                | 590 mm                | 585 mm                | 545 mm                |
| Cutting speed, stepless       | 20 - 100 m/min        | 20 - 100 m/min        | 20 - 100 m/min        | 20 - 100 m/min        | 20 - 100 m/min        |
| Bandsaw blade dimension       | 4800 x 34 x 1,1 mm    | 5200 x 41 x 1,3 mm    | 6000 x 41 x 1,3 mm    | 8200 x 41 x 1,3 mm    | 10500 x 67 x 1,6 mm   |
| Coolant pump                  | 120 W                 | 120 W                 | 120 W                 | 120 W                 | 200 W                 |
| Motor power                   | 3,0 kW                | 4,0 kW                | 4,0 kW                | 4,0 kW                | 11,0 kW               |
| Machine dimension (L x D x H) | 3060 x 1000 x 1650 mm | 3100 x 1000 x 1800 mm | 3400 x 1100 x 1950 mm | 3900 x 1200 x 2350 mm | 8500 x 1500 x 2975 mm |
| Weight approx.                | 1330 kg               | 1520 kg               | 2045 kg               | 3080 kg               | 10.440 kg             |
| Art. no.                      | 04-1361XL             | 04-1381XL             | 04-1401XL             | 04-1420XL             | 04-1440XL             |
| Price excl. VAT               | on request            | on request            | on request            | on request            | on request            |



This series of semi-automatic bandsaws features a wide range of cutting capacities, making these models ideal for various applications. The semi-automatic function allows quick and easy operating.

# MSB-H

Saw machines

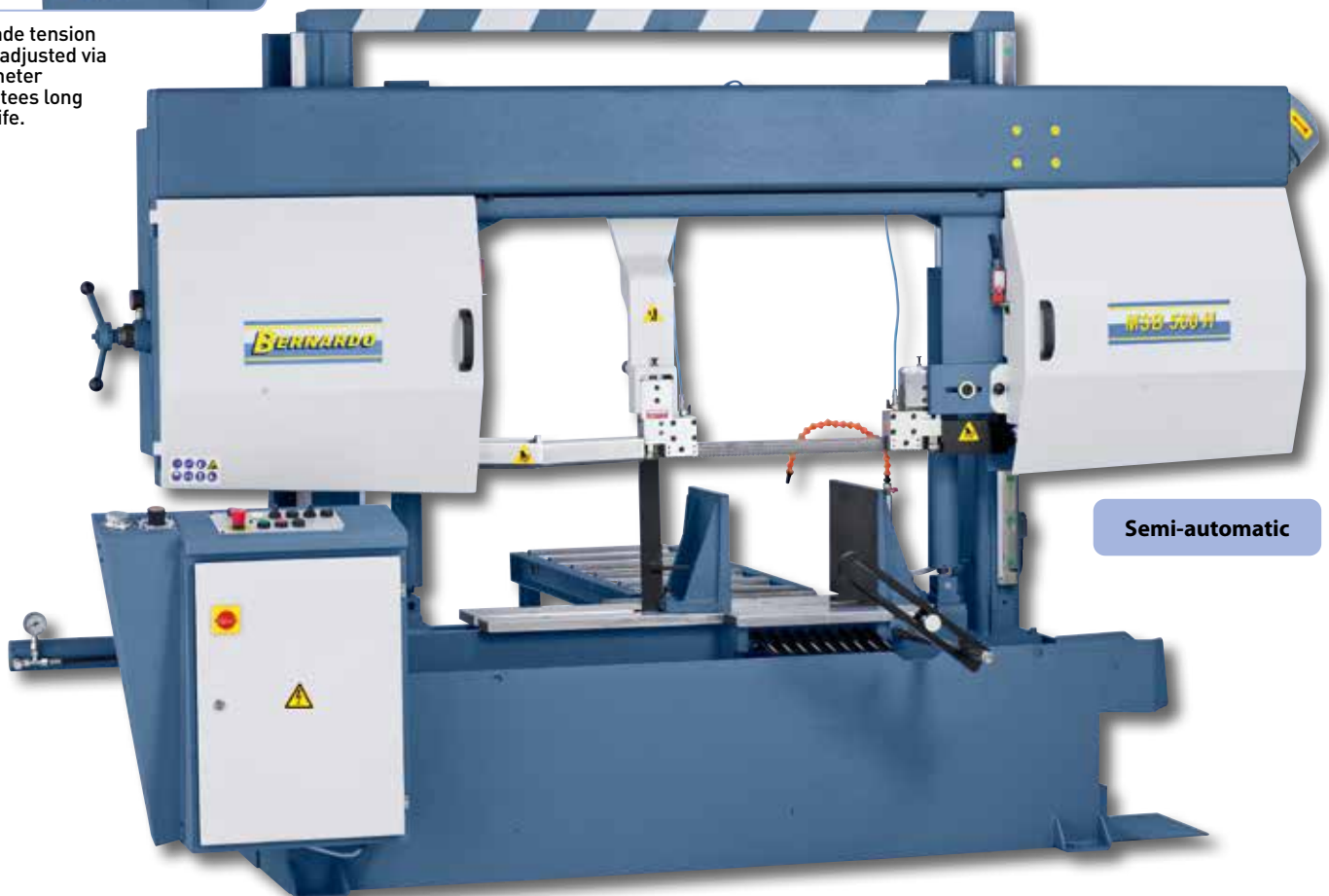


**Vario-Drive**

Large cast iron vice allows secure and accurate clamping of the workpiece. The vice tilts from 90° to 45° for mitre cutting.



The blade tension can be adjusted via manometer guarantees long blade life.



**Semi-automatic**

**Linear guide**

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#### Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 4800 x 34 x 1,1 - Vario 4/6 TPI      | 47-1039  |           |
| Bandsaw blade BiFlex 5200 x 34 x 1,1 - Vario 4/6 TPI      | 47-1040  |           |
| Bandsaw blade BiFlex 6000 x 41 x 1,3 - Vario 4/6 TPI      | 47-1300  |           |
| Bandsaw blade BiFlex 8200 x 41 x 1,3 - Vario 4/6 TPI      | 47-1320  |           |
| Bandsaw blade BiFlex 10500 x 67 x 1,6 - Vario 2/3 TPI     | 47-1340  |           |
| Micro cooling system <sup>1</sup>                         | 04-1456  |           |
| Hydraulic top clamping for MSB 360 H <sup>1</sup>         | 04-1447  |           |
| Hydraulic top clamping for MSB 460 H / 560 H <sup>1</sup> | 04-1448  |           |
| Turn table for MSB 360 H / 460 H / 560 H <sup>1</sup>     | 04-1443  |           |
| Universal coolant fluid MN 1103, 5 l canister             | 54-1206  |           |

<sup>1</sup> on request

#### Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension (except MSB 1110 H)
- Hydraulic vice
- Hydraulic blade tension (MSB 1110 H)
- Automatic regulation of cutting pressure (MSB 1110 H)
- Chip conveyor (MSB 1110 H)
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic blade break control
- Automatic shut-down
- Roller table

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# Fully automatic metal bandsaws

# MSB 320 V

- Motorized rollers in vice allow for smooth workpiece feed
- Fully automated mode features automatic lifting of saw arm
- Feed length of workpiece can be set manually
- Programming the number of pieces is ideal for serial section
- Complete with manometer for ideal adjustment of blade tension
- Stepless speed setting, ideal for different materials
- Automatic blade break control stops machine in case of blade break
- Top clamping for cutting of multiple workpieces comes standard

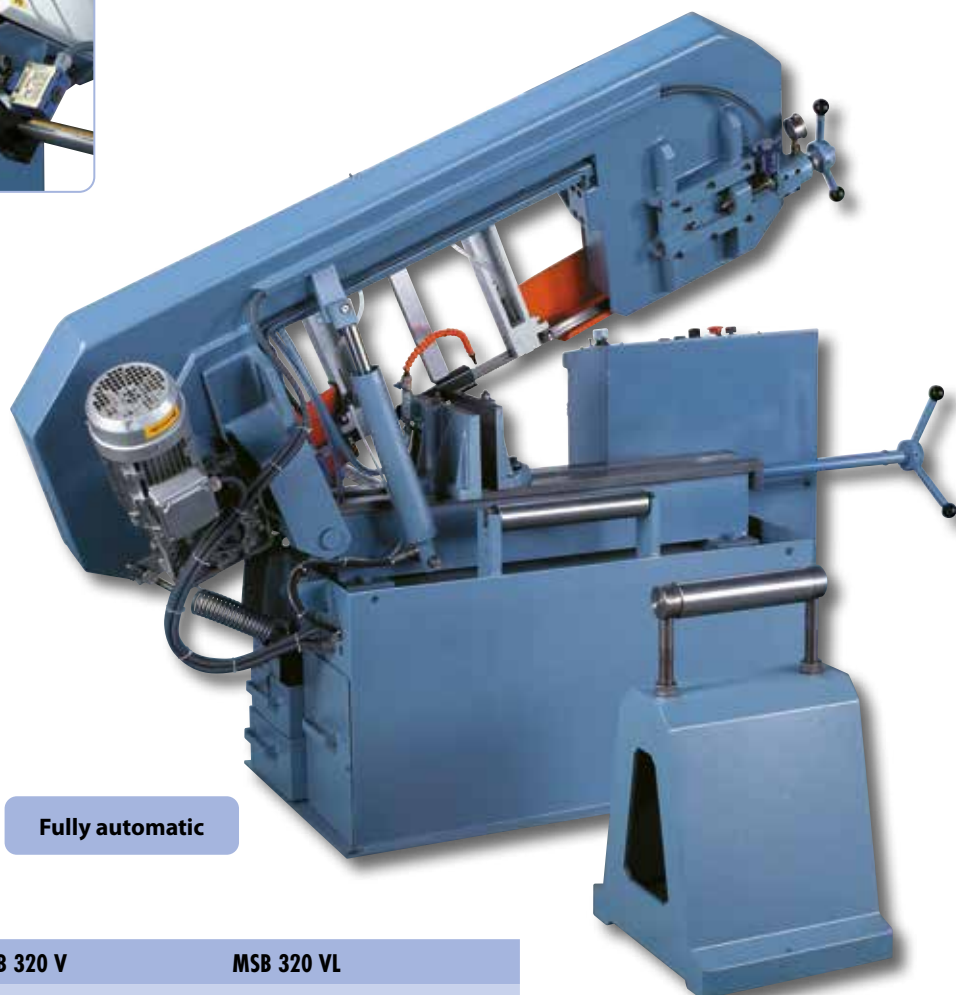
Logically designed switch box features high-quality electrical components.



The workpiece fence with automatic shut down of roller feed is ideal for serial section.



The vice comes complete with motorized roller for workpiece feed.



**Fully automatic**

## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic blade break control
- Automatic shut-down
- Top clamping
- Roller table

| Technical data                | MSB 320 V            | MSB 320 VL           |
|-------------------------------|----------------------|----------------------|
| Cutting capacity round 90°    | 320 mm               | 320 mm               |
| Cutting capacity flat 90°     | 320 x 300 mm         | 500 x 320 mm         |
| Cutting capacity square 90°   | 300 x 300 mm         | 320 x 320 mm         |
| Working height                | 640 mm               | 640 mm               |
| Cutting speed, stepless       | 20 - 100 m/min       | 20 - 100 m/min       |
| Bandsaw blade dimension       | 3660 x 27 x 0,9 mm   | 4160 x 34 x 1,1 mm   |
| Coolant pump                  | 120 W                | 120 W                |
| Motor power                   | 2,2                  | 2,2 kW               |
| Machine dimension (L x D x H) | 1850 x 850 x 1250 mm | 2100 x 850 x 1250 mm |
| Weight approx.                | 770 kg               | 860 kg               |
| Art. no.                      | 04-1480XL            | 04-1500XL            |
| Price excl. VAT.              | on request           | on request           |

Roller table to support long workpieces comes standard.

**Manometer indicates blade tension (standard)**

Professional, fully automated bandsaws for cutting of pipes, profiles and solid steel or non-ferrous metals. The wide range of standard equipment, such as the manometer for blade tension, the automatic blade break control and the top clamping device, makes these model excellent value for money.

# MSB 320 VL

The blade tension can be adjusted via manometer guarantees long blade life.



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Vario-Drive

#### Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Bandsaw blade BiFlex 3660 x 27 x 0,9 - Vario 4/6 TPI for MSB 320 V  | 47-1270  |           |
| Bandsaw blade BiFlex 3660 x 34 x 0,9 - Vario 4/6 TPI for MSB 320 V  | 47-1271  |           |
| Bandsaw blade BiFlex 4160 x 27 x 0,9 - Vario 4/6 TPI for MSB 320 VL | 47-1280  |           |
| Bandsaw blade BiFlex 4160 x 34 x 1,1 - Vario 4/6 TPI for MSB 320 VL | 47-1281  |           |
| Micro cooling system for MSB - Series <sup>1</sup>                  | 04-1456  |           |
| Automatic sensitive press control <sup>1</sup>                      | 04-1565  |           |
| Chip conveyor for MSB 320 V / VL <sup>1</sup>                       | 04-1567  |           |
| Hydr. blade tensioning for MSB 320 V / VL <sup>1</sup>              | 04-1576  |           |
| Hydraulic vice for MSB 320 V / VL <sup>1</sup>                      | 04-1583  |           |

<sup>1</sup> on request



Ergonomically arranged switches and control element.



# Fully automatic metal bandsaws

## MSB 325 VC MSB 360 V

- Fully automated model, including automatic lifting of saw arm
- Feed length of workpiece can be manually adjusted
- Motorized rollers in vice allow for material feed
- Complete with top clamping device – ideal for cutting of multiple workpieces
- Stepless speed setting, ideal for different materials
- Increased stability due to precisely polished linear guide for parallel cuts
- Automatic blade break control stops machine in case of blade break
- Programming the number of pieces is ideal for serial cuts
- Complete with manometer for ideal adjustment of belt tension

Hydraulic blade tensioning is optionally available.

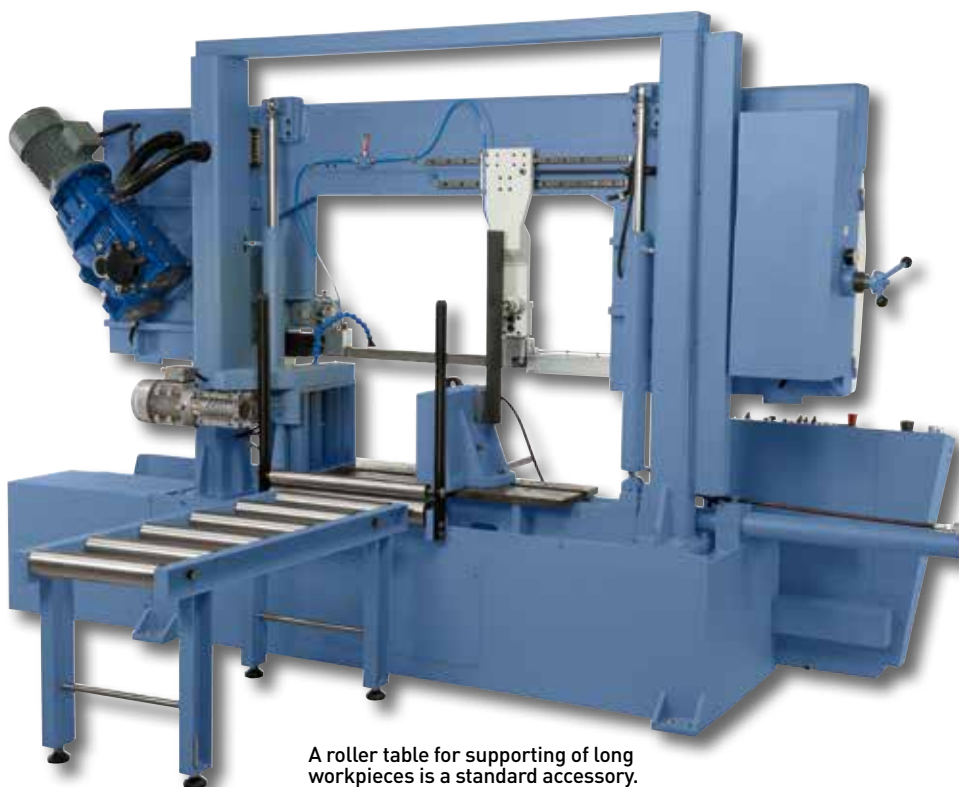


Micro switch allows for manual adjustment of material length, setting and control of quantity on control panel.



Motorized feed rollers guarantees optimal transport of material.

Fully automatic



A roller table for supporting of long workpieces is a standard accessory.

With linear guide

| Technical data                | MSB 360 V            | MSB 460 V             | MSB 560 V             |
|-------------------------------|----------------------|-----------------------|-----------------------|
| Cutting capacity round 90°    | 380 mm               | 460 mm                | 560 mm                |
| Cutting capacity flat 90°     | 430 x 380 mm         | 470 x 460 mm          | 570 x 560 mm          |
| Cutting capacity square 90°   | 380 x 380 mm         | 460 x 460 mm          | 560 x 560 mm          |
| Working height                | 590 mm               | 590 mm                | 590 mm                |
| Cutting speed, stepless       | 20 - 100 m/min       | 20 - 100 m/min        | 20 - 100 m/min        |
| Bandsaw blade dimension       | 4800 x 34 x 1,1 mm   | 5200 x 41 x 1,3 mm    | 6000 x 41 x 1,3 mm    |
| Coolant pump                  | 120 W                | 120 W                 | 120 W                 |
| Motor power                   | 3,0 kW               | 4,0 kW                | 4,0 kW                |
| Machine dimension (L x D x H) | 2900 x 950 x 1660 mm | 3100 x 1000 x 1800 mm | 3500 x 1050 x 2050 mm |
| Weight approx.                | 1342 kg              | 1655 kg               | 2242 kg               |
| Art. no.                      | 04-1520XL            | 04-1540XL             | 04-1560XL             |
| Price excl. VAT               | on request           | on request            | on request            |

The significant advantage of these automatic metal bandsaws is the polished linear guide which feeds the saw arm. Therefore these machines are ideal for machining solid block material. The large cutting capacity makes these models suitable for tool shops through to industrial production.

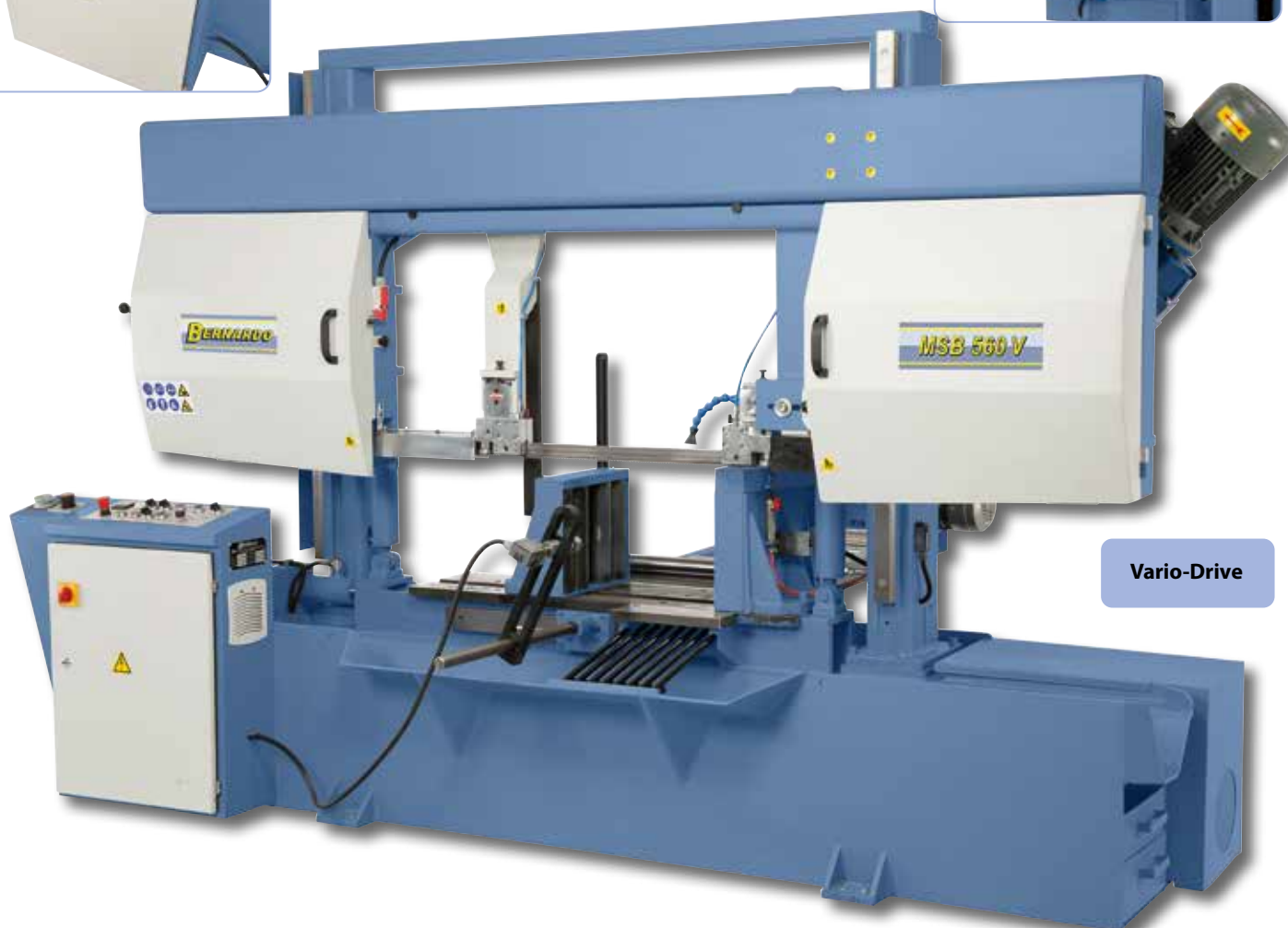
# MSB 460 V MSB 560 V

Saw machines



Clearly arranged switch box with high-quality electric components

Powerful drive motor features bevel toothed gear unit. Motor capacity ranges from 2.2 kW to 4.0 kW



Vario-Drive

Manometer indicates blade tension (standard)

## Optional accessories:

|  | Art. no. | excl. VAT |
|--|----------|-----------|
| Bandsaw blade BiFlex 4800 x 34 x 1,1 - Vario 4/6 TPI for MSB 360 V | 47-1039  |           |
| Bandsaw blade BiFlex 5200 x 41 x 1,3 - Vario 4/6 TPI for MSB 460 V | 47-1299  |           |
| Bandsaw blade BiFlex 6000 x 41 x 1,3 - Vario 4/6 TPI for MSB 560 V | 47-1300  |           |
| Micro cooling system <sup>1</sup>                                  | 04-1456  |           |
| Chip conveyor for MSB 360 V <sup>1</sup>                           | 04-1568  |           |
| Chip conveyor for MSB 460 V <sup>1</sup>                           | 04-1569  |           |
| Chip conveyor for MSB 560 V <sup>1</sup>                           | 04-1570  |           |
| Hydr. blade tensioning for MSB 360 V                               | 04-1576  |           |
| Hydr. blade tensioning for MSB 460 V / 560 V                       | 04-1577  |           |
| Universal coolant fluid MN 1103, 5 l canister                      | 54-1206  |           |

<sup>1</sup> on request

## Standard accessories:

- Bandsaw blade
- Material fence
- Manometer for blade tension
- Hydraulischer Schraubstock
- Coolant device
- Hydraulic cylinder
- Motor protective switch
- Automatic blade break control
- Automatic shut-down
- Top clamping
- Roller table

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**INDUSTRY**

# Vertical bandsaws

# VBS 310 VBS 400

- Complete with LED-display to allow for easy speed setting
- Solid grey cast-iron table – the large surface improves safety aspects
- Blade welding device, annealing device, shear and grinder come standard
- Comes with mitre fence for angle cuts (VBS 500)
- Complete with stepless speed adjustment
- Solidly constructed steel body ensures smooth running
- High-quality bandsaw blade guide guarantees precise results
- Convenient cutting of irregular shaped workpieces
- 3 mm bandsaw blades are optionally available for radius cutting

**Vario-Drive**


Blade welding unit, shear and grinder as standard



Micro cooling system and rip fence included.



Drive wheel features special rubber band to ensure smooth run and increase life span of blade.

**Best  
Price**

**Including blade  
welding unit**



**VBS 310**

| Technical data                        | VBS 310             | VBS 400              | VBS 500              |
|---------------------------------------|---------------------|----------------------|----------------------|
| Cutting width                         | 315 mm              | 400 mm               | 510 mm               |
| Cutting height                        | 185 mm              | 280 mm               | 310 mm               |
| Working height                        | 890 mm              | 970 mm               | 975 mm               |
| Cutting speed                         | 10 - 180 m/min      | 15 - 260 m/min       | 15 - 328 m/min       |
| Bandsaw blade width                   | 2885 mm             | 3450 mm              | 4020 mm              |
| Table size                            | 3 - 16 mm           | 3 - 16 mm            | 3 - 16 mm            |
| Size of additional table              | 500 x 400 mm        | 600 x 550 mm         | 700 x 660 mm         |
| Table tilting range (in 4 directions) | -15° to +45°        | -15° to +45°         | -15° to +30°         |
| Motor power                           | 0,55 kW             | 1,5 kW               | 1,5 kW               |
| Blade welding device                  | 2,4 kVA             | 2,4 kVA              | 2,4 kVA              |
| Machine dimension (L x D x H)         | 960 x 800 x 1600 mm | 1080 x 880 x 1810 mm | 1225 x 940 x 1970 mm |
| Weight approx.                        | 265 kg              | 325 kg               | 500 kg               |
| Art. no.                              | 04-1785             | 04-1786              | 04-1787              |

#### Standard accessories:

- Bandsaw blade
- Blade welding device with annealing device
- Working light
- Shear
- Grinder
- Chip brush
- LED digital readout
- Micro cooling system
- Frequency inverter
- Rip fence
- Groove table (VBS 500)
- Mitre fence (VBS 500)



The vertical bandsaws of the VBS-series are designed for cutting of various materials (for example steel, plastics, non-ferrous materials etc.) The application area is predominantly targeted at general production, tool and jig making and for the production of punching and cutting tools.

# VBS 500



The handwheel allows accurate adjustment of the blade tension.



Blade guiding features hardened and polished V-guide pads



Tiltable work table made of cast iron.



VBS 500

#### Optional accessories:

Bandsaw blade HSS 2885 x 8 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 2885 x 13 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 3450 x 8 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 3450 x 13 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 4020 x 8 x 0,65 mm - 14 TPI  
 Bandsaw blade HSS 4020 x 13 x 0,65 mm - 14 TPI  
 Universal coolant fluid MN 1103, 5 l canister

Art. no. excl. VAT  
 47-1067  
 47-10670  
 47-10671  
 47-10672  
 47-10673  
 47-10674  
 54-1206

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**NEW**

# Vertical bandsaws

## VMS-Serie

- Solid grey cast-iron table – the large surface improves safety aspects
- Blade welding device, annealing device, shear and grinder come standard
- Complete with stepless speed adjustment
- Solidly constructed steel body ensures smooth running
- High-quality bandsaw blade guide guarantees precise results
- Convenient cutting of irregular shaped workpieces
- Work table tilts 15° to all sides
- Blow gun with compressor is a standard accessory
- 3 mm bandsaw blades are optionally available for radius cutting



Blade welding unit, shear and grinder as standard



Bandsaw blade guide features ball bearings, adjustable to various workpiece sizes.



The dynamically balanced cast iron drive wheels assure smooth running of the machine.

**Including blade welding unit**



VMS 310

| Technical data                        | VMS 310             | VMS 360             | VMS 460              | VMS 520              | VMS 610              |
|---------------------------------------|---------------------|---------------------|----------------------|----------------------|----------------------|
| Cutting width                         | 310 mm              | 355 mm              | 455 mm               | 520 mm               | 610 mm               |
| Cutting height                        | 175 mm              | 230 mm              | 255 mm               | 310 mm               | 340 mm               |
| Working height                        | 890 mm              | 960 mm              | 935 mm               | 1000 mm              | 1015 mm              |
| Cutting speed setting 1               | 20 - 90 m/min       | 20 - 90 m/min       | 25 - 115 m/min       | 25 - 85 m/min        | 25 - 85 m/min        |
| Cutting speed setting 2               | -                   | -                   | -                    | 120 - 500 m/min      | 120 - 500 m/min      |
| Bandsaw blade length                  | 2520 mm             | 2840 mm             | 3490 mm              | 3880 mm              | 3970 mm              |
| Bandsaw blade width                   | 3 - 16 mm           | 3 - 16 mm           | 3 - 16 mm            | 3 - 16 mm            | 3 - 16 mm            |
| Table size                            | 500 x 400 mm        | 500 x 400 mm        | 600 x 500 mm         | 600 x 500 mm         | 600 x 500 mm         |
| Size of additional table              | -                   | -                   | -                    | -                    | 220 x 500 mm         |
| Table tilting range (in 4 directions) | 15°                 | 15°                 | 15°                  | 15°                  | 15°                  |
| Motor power                           | 0,4 kW              | 0,75 kW             | 0,75 kW              | 1,5 kW               | 1,5 kW               |
| Blade welding device                  | 2,4 kVA             | 2,4 kVA             | 2,4 kVA              | 2,4 kVA              | 2,4 kVA              |
| Machine dimension (L x D x H)         | 920 x 550 x 1680 mm | 940 x 560 x 1850 mm | 1110 x 660 x 2020 mm | 1300 x 760 x 2140 mm | 1420 x 760 x 2140 mm |
| Weight approx.                        | 225 kg              | 250 kg              | 300 kg               | 500 kg               | 700 kg               |
| Art. no.                              | 04-1790             | 04-1791             | 04-1795              | 04-1800              | 04-1805              |
| Price excl. VAT                       |                     |                     |                      |                      |                      |

The vertical bandsaws of the VMS-series are designed for cutting of various materials (for example steel, plastics, non-ferrous materials etc.) The application area is predominantly targeted at general production, tool and jig making and for the production of punching and cutting tools.

# VMS-Serie



The handwheel allows accurate adjustment of the blade tension.



Blade welder SG 316 separate available. Driven grinding stone and shear included.

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## Optional accessories:

|   | Art. no. | excl. VAT |
|---|----------|-----------|
| Groove table for VMS 310 / VMS 360*           | 04-1810  |           |
| Rip fence*                                    | 04-1811  |           |
| Mitre fence*                                  | 04-1812  |           |
| Bandsaw blade HSS 2520 x 8 x 0,65 mm - 14 TPI | 47-1047  |           |
| Bandsaw blade HSS 2840 x 8 x 0,65 mm - 14 TPI | 47-1049  |           |
| Bandsaw blade HSS 3490 x 8 x 0,65 mm - 14 TPI | 47-1055  |           |
| Bandsaw blade HSS 3880 x 8 x 0,65 mm - 14 TPI | 47-1060  |           |
| Bandsaw blade HSS 3970 x 8 x 0,65 mm - 14 TPI | 47-1065  |           |
| Bandsaw blade HSS 4540 x 8 x 0,65 mm - 14 TPI | 47-1050  |           |

## Technical data

|                                       | VMS 1000             |
|---------------------------------------|----------------------|
| Cutting width                         | 1010 mm              |
| Cutting height                        | 340 mm               |
| Working height                        | 1000 mm              |
| Cutting speed setting 1               | 25 - 85 m/min        |
| Cutting speed setting 2               | 120 - 500 m/min      |
| Bandsaw blade length                  | 4540 mm              |
| Bandsaw blade width                   | 3 - 16 mm            |
| Table size                            | 600 x 500 mm         |
| Size of additional table              | 450 x 490 mm         |
| Table tilting range (in 4 directions) | 15°                  |
| Motor power                           | 1,5 kW               |
| Blade welding device                  | 2,4 kVA              |
| Machine dimension (L x D x H)         | 1770 x 760 x 1930 mm |
| Weight approx.                        | 800 kg               |
| Art. no.                              | 04-1806              |
| Price excl. VAT                       |                      |



Vario-Drive

VMS 460

## Standard accessories:

- Bandsaw blade
- Blade welding device with annealing device
- Halogen light
- Shear
- Grinder
- Chip brush
- Blow gun
- LED digital readout (from VMS 520)
- Groove table (from VMS 460)

## Technical data

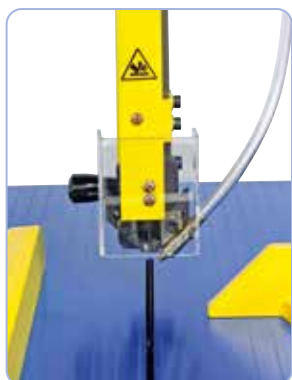
|                               | SG 316             |
|-------------------------------|--------------------|
| Bandsaw blade widths          | 3 - 16 mm          |
| Power input                   | 2,4 kVA            |
| Voltage                       | 400 V              |
| Machine dimension (L x D x H) | 280 x 290 x 650 mm |
| Weight approx.                | 27 kg              |
| Art. no.                      | 04-1813            |



# Vertical bandsaws with automatic table feed

## VMS-A-Serie

- Solid grey cast-iron table, the large work rest ensures high work safety
- Complete with blade welding device, annealing device, shear and grinder
- Equipped with stepless speed adjustment up to 500 m/min
- Rigid steel construction of machine body allows for smooth run
- Blade guiding features hardened and polished V-guide pads
- Ideal for sawing of complex contours and shapes
- Standard accessories include blow gun with compressor
- Bandsaw blades starting with a width of 3 mm allow sawing of radii
- Handwheel allows adjustment of blade tension



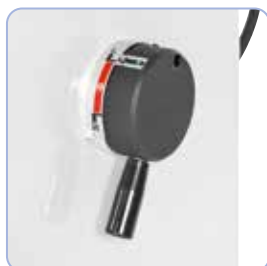
Includes blow gun for optimal view of cutting line.



Complete with blade welding device featuring annealing device, shear and grinder.



Hydraulic cylinder for table feed.



Convenient change from grade 1 to grade 2.

**Serially with  
automatic table feed**

**Including blade  
welding unit**



VMS 520 A

| Technical data                | VMS 520 A             | VMS 610 A             | VMS 1000 A            |
|-------------------------------|-----------------------|-----------------------|-----------------------|
| Cutting width                 | 520 mm                | 610 mm                | 1010 mm               |
| Cutting height                | 310 mm                | 340 mm                | 340 mm                |
| Working height                | 1000 mm               | 1015 mm               | 1000 mm               |
| Cutting speed setting 1       | 20 - 85 m/min         | 20 - 85 m/min         | 20 - 85 m/min         |
| Cutting speed setting 2       | 120 - 500 m/min       | 120 - 500 m/min       | 120 - 500 m/min       |
| Bandsaw blade length          | 3880 mm               | 3970 mm               | 4540 mm               |
| Bandsaw blade width           | 3 - 20 mm             | 3 - 20 mm             | 3 - 20 mm             |
| Table size                    | 660 x 700 mm          | 660 x 700 mm          | 660 x 700 mm          |
| Size of additional table      | -                     | -                     | 450 x 490 mm          |
| Table tilting range           | L 5° / R 15°          | L 5° / R 15°          | L 5° / R 15°          |
| Table travel                  | 350 mm                | 350 mm                | 350 mm                |
| Motor power                   | 1,5 kW                | 1,5 kW                | 1,5 kW                |
| Blade welding device          | 4,2 kVA               | 4,2 kVA               | 4,2 kVA               |
| Machine dimension (L x D x H) | 1450 x 1100 x 2140 mm | 1570 x 1100 x 2140 mm | 1920 x 1110 x 2140 mm |
| Weight approx.                | 650 kg                | 850 kg                | 950 kg                |
| Art. no.                      | 04-1807               | 04-1808               | 04-1809               |

### Standard accessories:

- Bandsaw blade
- Blade welding device with annealing device
- Halogen light
- Shear
- Grinder
- Chip brush
- Blow gun
- LED digital readout
- Rip fence
- Mitre fence
- Groove table

The VMS-A-series of vertical band saws are equipped with an automatic table feed. The models are suitable for cutting of almost all materials, such as steel, plastics, non-ferrous metals, metal composites etc. These models are predominately used in general production, tool making, fixture construction and productions of punch dies and cutting tools.

# VMS-A-Serie



Complete with LED-display to allow for easy speed setting.



Comes with longitudinal fence for straight cuts and mitre fence for angle cuts.



Drive wheel features special rubber band to ensure smooth run and increase life span of blade.



SG 316

Blade welder SG 316 separate available. Driven grinding stone and shear included.



Vario drive

VMS 520 A

## Technical data

## SG 316

|                               |                    |
|-------------------------------|--------------------|
| Bandsaw blade width           | 3 - 16 mm          |
| Power input                   | 2,4 kVA            |
| Voltage                       | 400 V              |
| Machine dimension (W x D x H) | 280 x 290 x 650 mm |
| Weight approx.                | 27 kg              |
| Art. no.                      | 04-1813            |

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## Optional accessories:

|   |          |           |
|---|----------|-----------|
| Bandsaw blade HSS 3880 x 8 x 0,65 mm - 14 TPI | Art. no. | excl. VAT |
| Bandsaw blade HSS 3970 x 8 x 0,65 mm - 14 TPI | 47-1060  |           |
| Bandsaw blade HSS 4540 x 8 x 0,65 mm - 14 TPI | 47-1065  |           |
|   | 47-1050  |           |

# Roller tables

## FRS-Serie RS-Serie

- Ideal support for resting of long and heavy workpieces
- Large variety of models for all types of applications
- Universally applicable, for instance metal circular saws, bandsaws, wood working machines etc.



| Technical data     | FRS-1         | CFRS-8       | KFRS-8       |
|--------------------|---------------|--------------|--------------|
| Roller width       | 400 mm        | 400 mm       | 420 mm       |
| Roller diameter    | 57 mm         | 57 mm        | -            |
| Height adjustment  | 675 - 1000 mm | 670 - 995 mm | 630 - 955 mm |
| Load capacity max. | 80 kg         | 80 kg        | 70 kg        |
| Stand pipe diam.   | 30 mm         | 30 mm        | 30 mm        |
| Weight approx.     | 5 kg          | 6 kg         | 6 kg         |
| Art. no.           | 07-1401       | 07-1402      | 07-1403      |
| Price excl. VAT    |               |              |              |

### Foldable model

- Foldable design keeps space requirements to a min
- Light-weight construction ensures convenience when frequently transported
- Model CFRS-8 can be used with roller or ball support depending on type of application
- Model KFRS-8 comes complete with angle adjustment for ideal support of round workpieces, profiles etc.



| Technical data     | LRS           | CRS           | KRS           |
|--------------------|---------------|---------------|---------------|
| Roller width       | 400 mm        | 400 mm        | 400 mm        |
| Roller diameter    | 57 mm         | 50 mm         | -             |
| Height adjustment  | 665 - 1145 mm | 685 - 1170 mm | 700 - 1110 mm |
| Load capacity max. | 100 kg        | 100 kg        | 90 kg         |
| Stand pipe diam.   | 57 / 40 mm    | 57 / 40 mm    | 57 / 40 mm    |
| Weight approx.     | 8 kg          | 8 kg          | 7,5 kg        |
| Art. no.           | 07-1400       | 07-1420       | 07-1425       |
| Price excl. VAT    |               |               |               |

### Stable model

- Roller support features stepless height adjustment and clamping option
- Model CRS can be used with roller or ball support depending on type of application
- Modell KRS features 8 chromium plated caster wheels, suitable for movements in any direction



# Roller tables

- Solid, resilient galvanized steel rollers ensure for secure support of workpiece
- Roller support features stepless height adjustment and can be clamped
- Straightforward and efficient transport of materials for the infeed and outfeed of workpieces

**RB 2**  
**RB 3**

Saw machines



RS

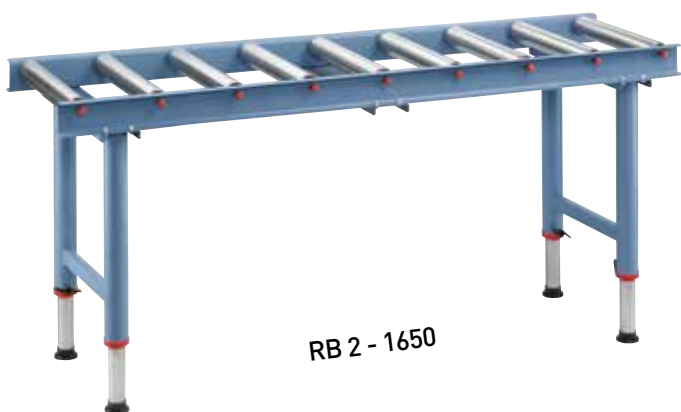


VRS

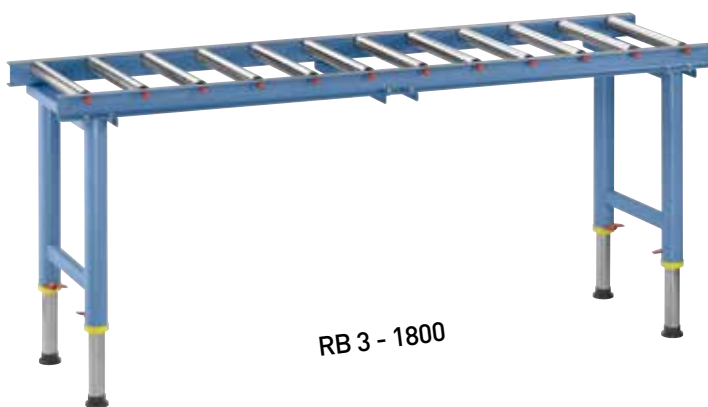
| Technical data     | RS           | VRS          |
|--------------------|--------------|--------------|
| Roller width       | 350 mm       | 2 x 125 mm   |
| Roller diameter    | 51 mm        | 51 mm        |
| Height adjustment  | 575 - 975 mm | 560 - 975 mm |
| Load capacity max. | 700 kg       | 700 kg       |
| Stand pipe diam.   | 74 / 52 mm   | 74 / 52 mm   |
| Weight approx.     | 20 kg        | 20 kg        |
| Art. no.           | 07-1405      | 07-1415      |
| Price excl. VAT    |              |              |

## Heavy construction

- Heavy tripod construction designed for heavy workloads
- Roller rest features height adjustment and can be clamped
- Solid, resilient galvanized steel rollers offer secure support of each workpiece
- VRS- roller stand complete with two rollers at 125 mm in length, ideal for pipes,...



RB 2 - 1650



RB 3 - 1800

| Technical data      | RB 2 - 1650   | RB 3 - 1800   |
|---------------------|---------------|---------------|
| Path length         | 1650 mm       | 1800 mm       |
| Roller width        | 395 mm        | 410 mm        |
| Roller diameter     | 57 mm         | 38 mm         |
| Height adjustment   | 665 - 1140 mm | 640 - 1110 mm |
| Load capacity max.  | 500 kg        | 500 kg        |
| Stand pipe diameter | 40 mm         | 40 mm         |
| Weight approx.      | 29 kg         | 27 kg         |
| Art. no.            | 07-1455       | 07-1460       |
| Price excl. VAT     |               |               |

## Roller tables – light weight construction

- Frames of rollers consist of solid U-shaped profile
- Ball bedded steel rollers on both sides allow for heavy workloads
- Machine feet can be height adjusted individually to allow for ideal adjustment to machine height and to make up for floor unevenness

# Roller tables in stable execution

# RB-Serie

- Roller frames consist of solid U-shaped profile
- Smooth and economic transport of material for the in- and outfeed of workpieces
- Universally applicable for e.g. metal circular saws, bandsaws, wood working machines etc.
- Roller support is height adjustable (620 – 1055 mm) and can be clamped
- Ideal support for long and heavy workpieces
- Secure support of workpiece guaranteed by the solid, galvanized steel rollers designed for heavy workloads



PVC-coated rollers (optional extra) to avoid scratching the workpiece.



Steel rollers feature ball bearings on both sides for heavy workload

## Optional accessories:

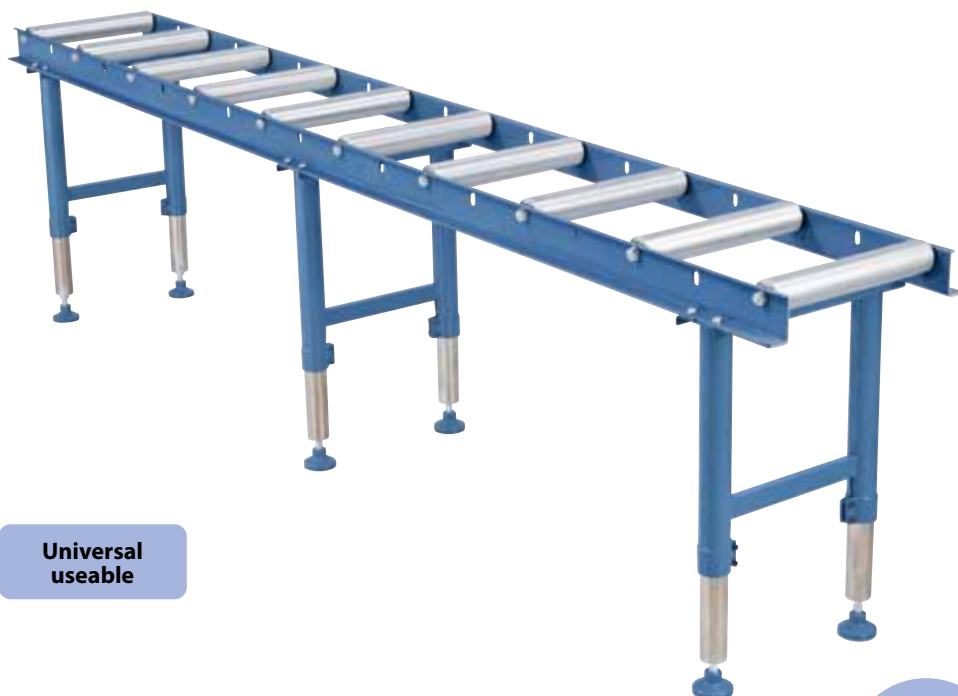
|   | Art. no.  | excl. VAT |
|---|-----------|-----------|
| PVC-roller set for RB 4 / 7 / 10 / 13 (3 pcs.)*               | 07-1465   |           |
| Linear measuring system LS 1 for RB 4 - 1000 (self mounting)  | 07-1466   |           |
| Linear measuring system LS 2 for RB 7 - 2000 (self mounting)  | 07-1467   |           |
| Linear measuring system LS 3 for RB 10 - 3000 (self mounting) | 07-1468XL |           |
| Mounting plate for RB 4 / 7 / 10 / 13                         | 07-1469   |           |



| Technical data     | RB 4 - 1000   | RB 7 - 2000   | RB 10 - 3000  | RB 13 - 4000  |
|--------------------|---------------|---------------|---------------|---------------|
| Path length        | 1000 mm       | 2000 mm       | 3000 mm       | 4000 mm       |
| Roller width       | 360 mm        | 360 mm        | 360 mm        | 360 mm        |
| Roller diameter    | 60 mm         | 60 mm         | 60 mm         | 60 mm         |
| Height adjustment  | 620 - 1055 mm | 620 - 1055 mm | 620 - 1055 mm | 620 - 1055 mm |
| Load capacity max. | 500 kg        | 700 kg        | 900 kg        | 1200 kg       |
| Stand pipe diam.   | 50 mm         | 50 mm         | 50 mm         | 50 mm         |
| Dimension (L x W)  | 1000 x 450 mm | 2000 x 450 mm | 3000 x 450 mm | 4000 x 450 mm |
| Weight approx.     | 38 kg         | 50 kg         | 66 kg         | 80 kg         |
| Art. no.           | 07-1461       | 07-1462       | 07-1463XL     | 07-1464XL     |
| Price excl. VAT    |               |               |               |               |

The RB 4 / 7 / 10 and 13 roller tables are practical accessories to help support and move long and heavy workpieces. They can be used individually and extended in various ways and the extra PVC coated rollers make them suitable for delicate materials.

# RB-Serie



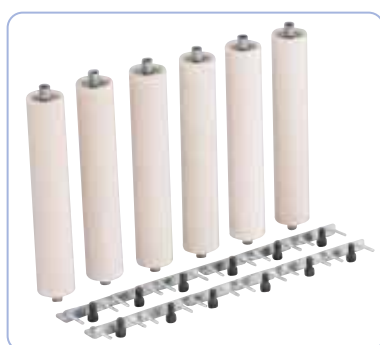
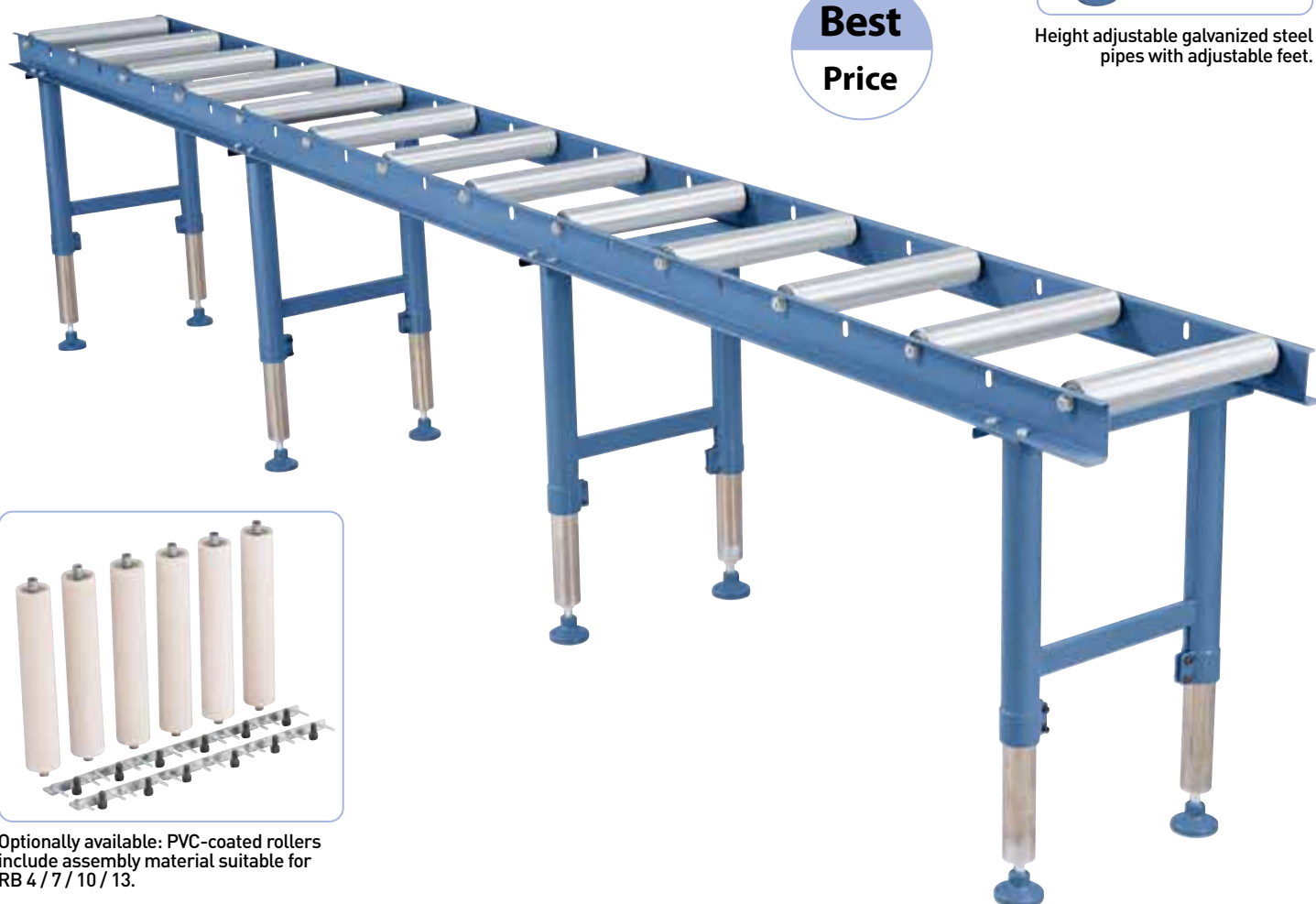
Linear measuring system LS, optional extra for RB 4 / 7 / 10.



Height adjustable galvanized steel pipes extra for RB 4 / 7 / 10.

**Universal  
useable**

**Best  
Price**



Optionally available: PVC-coated rollers include assembly material suitable for RB 4 / 7 / 10 / 13.



# Manual measuring system attachable to roller tables

## LS-Serie

- Digital LCD – display allows for quick and accurate readout (+/- 0.1 mm/m accuracy)
- Suitable to attach to a large variety of roller tables
- Clamping handle ensures convenient fixing of sliding table
- Straightforward and fast attachment to roller tables
- Magnetic strip and sensor allow for taking measurements
- Display features a long-life battery system
- Workpiece fence can be tilted into upright position if need be
- Switch options: on/off, reset, metric or inch



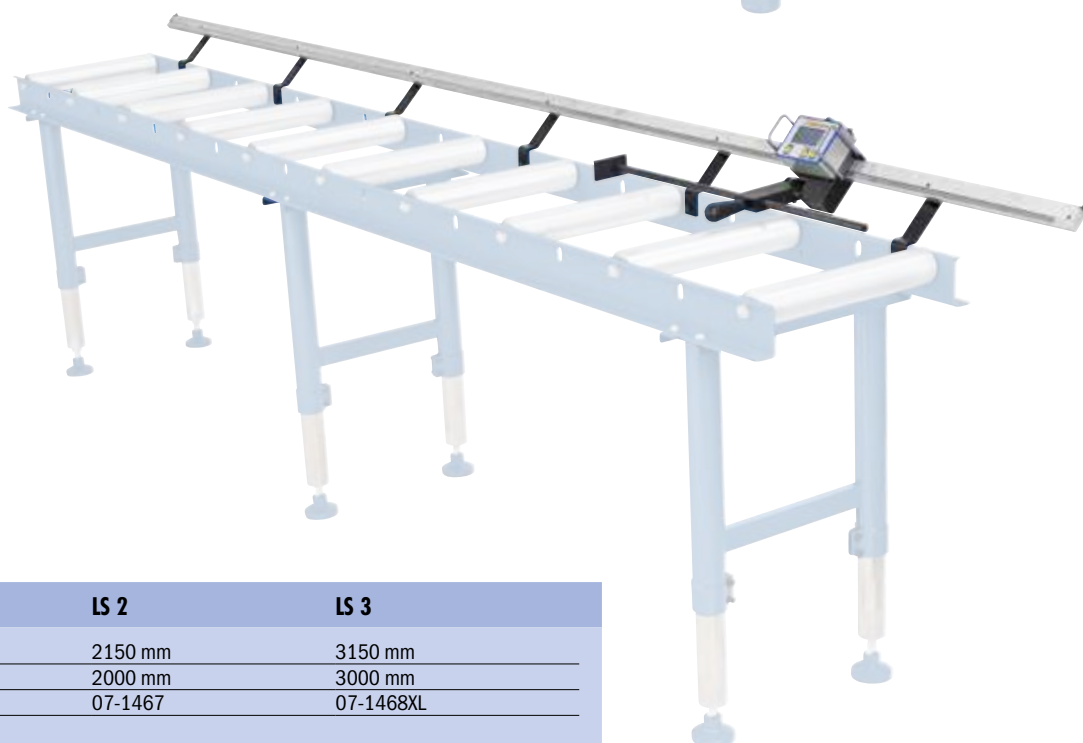
LCD – display allows for easy readout.



Sliding table runs accurately and can easily be repositioned



Tilttable workpiece fence can be used on the right or left side



| Technical data  | LS 1    | LS 2    | LS 3      |
|-----------------|---------|---------|-----------|
| Rail length     | 1150 mm | 2150 mm | 3150 mm   |
| Travel          | 1000 mm | 2000 mm | 3000 mm   |
| Art. no.        | 07-1466 | 07-1467 | 07-1468XL |
| Price excl. VAT |         |         |           |

# Roller tables with longitudinal fence

## RB-A-Serie

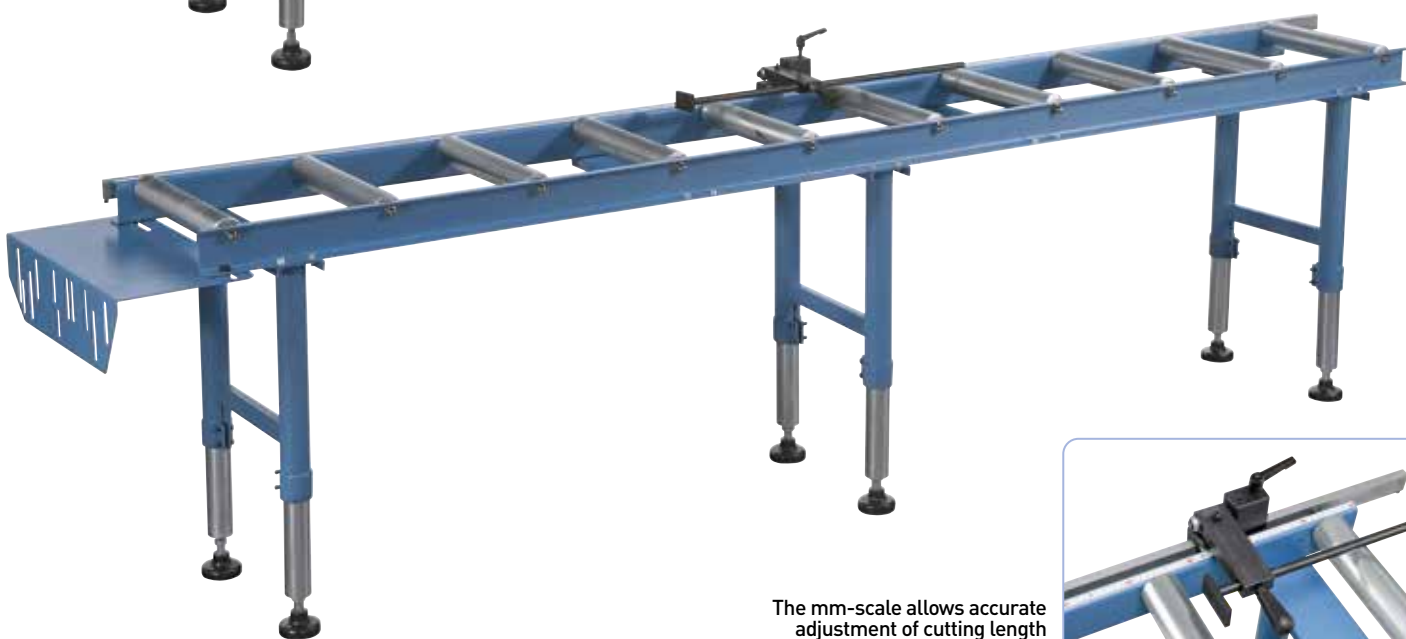
- Workpiece fence can be tilted into upright position, to be used on right or left side
- Height adjustable, galvanized steel pipes with adjustable feet
- Frames of roller tables consist of solid U-shaped profile
- Straightforward, efficient transport of material for infeed and outfeed of workpieces
- Solid and resilient galvanized steel roller ensure for secure support of workpiece
- Universal use, for instance for metal band saws, bandsaws, wood working machines etc.
- Fence carrier slides easily, workpiece fence can be tilted into upright position



Complete with mounting plate



Solid workpiece fence, can be tilted upright



The mm-scale allows accurate adjustment of cutting length and convenient readout



Steel rollers feature ball bearings on both sides – designed for heavy workloads

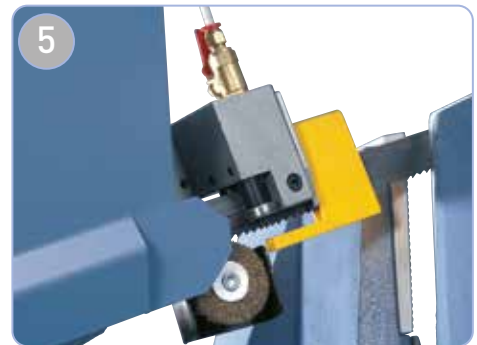
| Technical data      | RB 1000 A     | RB 2000 A     | RB 3000 A     |
|---------------------|---------------|---------------|---------------|
| Path length         | 1000 mm       | 2000 mm       | 3000 mm       |
| Roller width        | 360 mm        | 360 mm        | 360 mm        |
| Roller diameter     | 60 mm         | 60 mm         | 60 mm         |
| Height adjustment   | 620 - 1055 mm | 620 - 1055 mm | 620 - 1055 mm |
| Load capacity max.  | 500 kg        | 700 kg        | 900 kg        |
| Stand pipe diameter | 50 mm         | 50 mm         | 50 mm         |
| Weight approx.      | 42 kg         | 54 kg         | 70 kg         |
| Art. no.            | 07-1505       | 07-1510       | 07-1515XL     |
| Price excl. VAT     |               |               |               |

# General details for bandsaws

## Bandsaws

Maintaining the bandsaw blade quality depends on the condition of the basic functions of the machine, which require periodic testing.

1. Blade tension
2. Blade speed
3. Bandsaw blade guiding
4. Coolant fluid
5. Chip brush



## Choose of bandsaw blade

Achieving best possible cutting results whilst prolonging the life span of the bandsaw blade, depends heavily on choosing the correct bandsaw blade. Factors to consider are:

1. Length of bandsaw blade:  
Every bandsaw machine is classified for a particular blade length and clearly specified in the machine data.
2. Width of bandsaw blade:  
Horizontal bandsaws generally feature a bandsaw blade width determined by the manufacturer. Vertical machines offer a wider choice of bandsaw blade widths. The bigger the bandsaw blade, the better the rigidity. When cutting contours the blade width is limited by the smallest radius which needs to be cut.
3. Quality of material :  
The choice of bandsaw blade is determined by the quality of the material to be processed. The box on the right features a detailed description of the bandsaw blade we offer, HSS and BiFlex.
4. Tooth pitch:  
The number of teeth is measured in tpi - tooth per inch. (1 inch= 25.4 mm)  
Bandsaw blades generally feature a regular tooth pitch or combo tooth pitch.

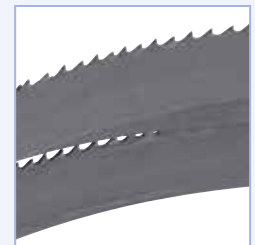
### HSS bandsaw blade

Consisting of tool steel, these bandsaw blades feature iron carbide in the blade backing as well as the cutting edge for extra hardness and long wear. The tip of the tooth is hardened, the blade backing tempered. The special tempering method of the blade backing ensures extra rigidity, minimizing wear and therefore allowing for better cutting performance. HSS bandsaw blades are suitable for the general use in workshops for cutting of mild steel.



### BiFlex bandsaw blade

The blade backing consists of high alloy tempered steel. Blades are particularly flexible and spring temper. The tip of the tooth consists of annealed HSS steel in M42 quality. Connected by laser or electron welding, these steels cannot be separated. BiFlex blades are highly versatile and suitable for processing of most commercial types of steel up to a hardness of 45 HRC, including stainless steel.



Regular tooth pitch = even distribution of teeth, making these bandsaw blades ideal for cutting of pipes and profiles with smaller dimensions or thin walls.



Combi (Vario) tooth pitch = pitch varies between a group of teeth, making these bandsaw blades are suitable for cutting of materials with larger cross sections (solid materials). Vibrations are reduced to a minimum when ripping or cross cutting.



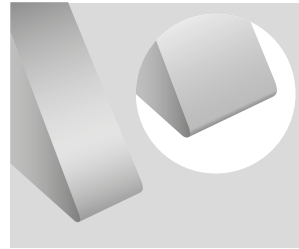
# General details for bandsaws

## Running-in of bandsaw blades

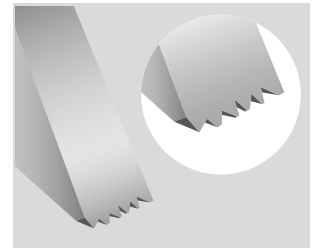
Correct running-in of new bandsaw blades prevents premature teeth breakage. Bandsaw blade teeth end up stronger and sharper than before, allowing to reach full performance and prolonging life span.



New bandsaw blade



Bandsaw blade with running-in

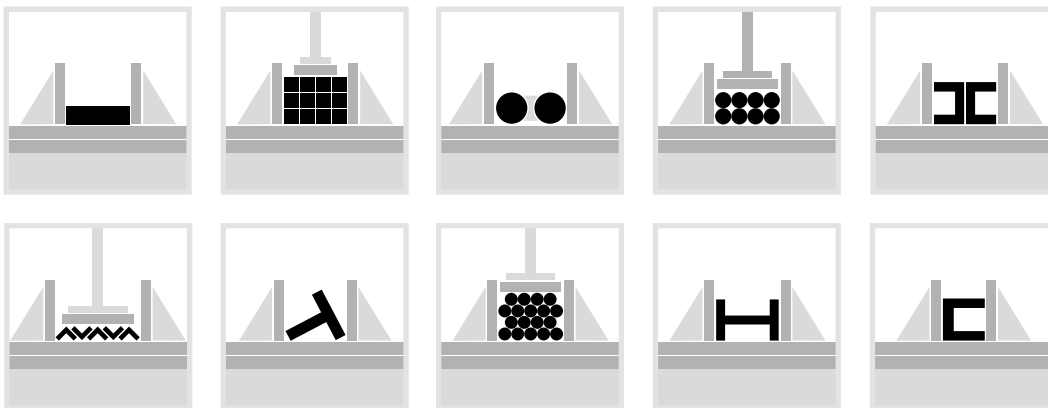


Bandsaw blade without running-in

### What is involved when running-in bandsaw blades

Identify the suitable cutting speed (m/min) and feed (mm/min) for the type and dimensions of the workpiece. Perform a cut at half of the evaluated feed recommendation (which doubles the length of cutting time) and approximately 70% of the suggested speed. In case of vibrations or excessive noise, try and slightly lower the cutting speed. After about 15- 20 min gradually increase feed until regular cutting capacity is achieved.

## Clamping of the workpiece



Pay attention to the correct positioning and clamping of the workpiece so it cannot move and to avoid vibrations. We recommend using evenly shaped, intact workpieces which can be clamped accordingly. The closer the bandsaw blade guide sits at the clamped workpiece, the better the results will be.

## Optimal speed and feed adjustment

Looking at the cutting chips gives a good indication about the choice of feed and speed settings.

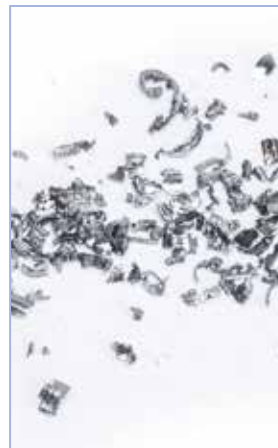
Silver, loosely fallen, evenly spiral shaped chips suggest that feed and speed settings are correctly chosen.

When chips are burnt and dense, reduce the feed and/or the bandsaw blade speed.

Thin, frayed chips suggest that the feed has to be increased however bandsaw blade speed has to be reduced.



Ideal chips



Thin chips



Burnt chips

# Accessories bandsaws

## Bandsaws blades - HSS / BiFlex



**HSS bandsaws blades**

HSS bandsaw blades consist of tool steel. Hard iron carbide on the blade backing and the tip of the teeth ensures wear resistance. Tip of teeth are hardened, blade backing is tempered. The special tempering method of the blade backing ensures extra rigidity, minimizing wear and therefore allowing for better cutting performance. HSS bandsaw blades are suitable for the general use in work shops for cutting of mild steel.



**BiFlex bandsaws blades**

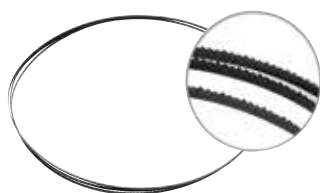
The blade backing consists of high alloy tempered steel. Blades are particularly flexible and spring temper. The tip of the tooth consists of annealed HSS steel in M42 quality. Connected by laser or electron welding, these steels cannot be separated. BiFlex bandsaws blades are highly versatile and suitable for processing of most commercial types of steel up to a hardness of 45 HRC, including stainless steel.

| Art. no. | Description                                | excl. VAT |
|----------|--|-----------|
| 47-1000  | HSS 1140 x 13 x 0,65 - 14 TPI              |           |
| 47-1001  | HSS 1140 x 13 x 0,65 - 8 TPI               |           |
| 47-1002P | BiFlex 1140 x 13 x 0,65 - 14 TPI           |           |
| 47-1004  | BiFlex 1140 x 13 x 0,60 - Vario 6 / 10 TPI |           |
| 47-1206  | HSS 1325 x 13 x 0,65 - 14 TPI              |           |
| 47-1207  | HSS 1325 x 13 x 0,65 - 8 TPI               |           |
| 47-1208  | BiFlex 1325 x 13 x 0,65 - 14 TPI           |           |
| 47-1209  | BiFlex 1325 x 13 x 0,6 - Vario 6 / 10 TPI  |           |
| 47-1210  | HSS 1440 x 13 x 0,65 - 14 TPI              |           |
| 47-1211  | HSS 1440 x 13 x 0,65 - 8 TPI               |           |
| 47-1212  | BiFlex 1440 x 13 x 0,65 - 14 TPI           |           |
| 47-1214  | BiFlex 1440 x 13 x 0,6 - Vario 6 / 10 TPI  |           |
| 47-1005  | HSS 1470 x 13 x 0,65 - 14 TPI              |           |
| 47-1006  | HSS 1470 x 13 x 0,65 - 8 TPI               |           |
| 47-1007P | BiFlex 1470 x 13 x 0,65 - 14 TPI           |           |
| 47-1009  | BiFlex 1470 x 13 x 0,6 - Vario 6 / 10 TPI  |           |
| 47-1010  | HSS 1638 x 13 x 0,65 - 14 TPI              |           |
| 47-1011  | HSS 1638 x 13 x 0,65 - 8 TPI               |           |
| 47-1012P | BiFlex 1638 x 13 x 0,65 - 14 TPI           |           |

| Art. no. | Description                             | excl. VAT |
|----------|---|-----------|
| 47-1014  | BiFlex 1638 x 13 x 0,6 - Vario 6/10 TPI |           |
| 47-1200  | HSS 1735 x 13 x 0,65 - 14 TPI           |           |
| 47-1201  | HSS 1735 x 13 x 0,65 - 8 TPI            |           |
| 47-1202  | BiFlex 1735 x 13 x 0,9 - 14 TPI         |           |
| 47-1203  | BiFlex 1735 x 13 x 0,9 - 8 TPI          |           |
| 47-1215  | HSS 1735 x 20 x 0,8 - 14 TPI            |           |
| 47-1216  | BiFlex 1735 x 20 x 0,9 - 14 TPI         |           |
| 47-1345  | BiFlex 2080 x 20 x 0,9 - Vario 8/12 TPI |           |
| 47-1025  | BiFlex 2110 x 20 x 0,9 - Vario 8/12 TPI |           |
| 47-1015  | HSS 2360 x 20 x 0,9 - 14 TPI            |           |
| 47-1016  | HSS 2360 x 20 x 0,9 - 8 TPI             |           |
| 47-1017  | BiFlex 2360 x 20 x 0,9 - 14 TPI         |           |
| 47-1019  | BiFlex 2360 x 20 x 0,9 - Vario 8/12 TPI |           |
| 47-1020  | BiFlex 2360 x 20 x 0,9 - Vario 6/10 TPI |           |
| 47-1030  | BiFlex 2450 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1032  | BiFlex 2480 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1346  | BiFlex 2645 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1033  | BiFlex 2680 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1038  | BiFlex 2725 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1034  | BiFlex 2750 x 27 x 0,9 - Vario 6/10 TPI |           |
| 47-1037  | BiFlex 2925 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-1035  | BiFlex 3160 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-10450 | BiFlex 3550 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-10451 | BiFlex 3625 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-1270  | BiFlex 3660 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-1271  | BiFlex 3660 x 34 x 0,9 - Vario 4/6 TPI  |           |
| 47-1272  | BiFlex 3770 x 34 x 1,1 - Vario 6/10 TPI |           |
| 47-1274  | BiFlex 3960 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-10452 | BiFlex 3960 x 34 x 1,1 - Vario 2/3 TPI  |           |
| 47-10453 | BiFlex 3960 x 34 x 1,1 - Vario 3/4 TPI  |           |
| 47-10454 | BiFlex 3960 x 34 x 1,1 - Vario 4/6 TPI  |           |
| 47-10455 | BiFlex 3960 x 34 x 1,1 - Vario 5/8 TPI  |           |
| 47-1280  | BiFlex 4160 x 27 x 0,9 - Vario 4/6 TPI  |           |
| 47-1281  | BiFlex 4160 x 34 x 1,1 - Vario 4/6 TPI  |           |
| 47-1039  | BiFlex 4800 x 34 x 1,1 - Vario 4/6 TPI  |           |
| 47-1291  | BiFlex 5000 x 41 x 1,3 - Vario 2/3 TPI  |           |
| 47-12910 | BiFlex 5000 x 41 x 1,3 - Vario 3/4 TPI  |           |
| 47-12911 | BiFlex 5000 x 41 x 1,3 - Vario 4/6 TPI  |           |
| 47-12912 | BiFlex 5000 x 41 x 1,3 - Vario 5/8 TPI  |           |
| 47-1040  | BiFlex 5200 x 34 x 1,1 - Vario 4/6 TPI  |           |
| 47-1299  | BiFlex 5200 x 41 x 1,3 - Vario 4/6 TPI  |           |
| 47-1300  | BiFlex 6000 x 41 x 1,3 - Vario 4/6 TPI  |           |
| 47-1320  | BiFlex 8200 x 41 x 1,3 - Vario 4/6 TPI  |           |
| 47-1340  | BiFlex 10500 x 67 x 1,6 - Vario 2/3 TPI |           |

# Accessories bandsaws

## Bandsaw blades for vertical bandsaws



Ideal for inside / outside cuts as well as cutting of a small radius

| Art. no. | Description                  | excl. VAT |
|----------|------------------------------|-----------|
| 47-1046  | HSS 2520 x 6 x 0,65 - 14 TPI |           |
| 47-1047  | HSS 2520 x 8 x 0,65 - 14 TPI |           |
| 47-1048  | HSS 2840 x 6 x 0,65 - 12 TPI |           |
| 47-1049  | HSS 2840 x 8 x 0,65 - 14 TPI |           |
| 47-1056  | HSS 3490 x 6 x 0,65 - 14 TPI |           |
| 47-1055  | HSS 3490 x 8 x 0,65 - 14 TPI |           |
| 47-1061  | HSS 3880 x 6 x 0,65 - 14 TPI |           |
| 47-1060  | HSS 3880 x 8 x 0,65 - 14 TPI |           |
| 47-1066  | HSS 3970 x 6 x 0,65 - 14 TPI |           |
| 47-1065  | HSS 3970 x 8 x 0,65 - 14 TPI |           |
| 47-1051  | HSS 4540 x 6 x 0,65 - 14 TPI |           |
| 47-1050  | HSS 4540 x 8 x 0,65 - 14 TPI |           |

## Sawblades



For dry cutting machines

Universal carbide sawblades for circular rip saws for cutting of profiles, pipes, sandwich panels, cable ducts, grills, and many more. No coolant required. Suitable for steel, aluminium, non-ferrous metals, plastics etc.

|         |  |
|---------|--|
| 48-1060 | Carbide-sawblade for steel 355 x 58T     |
| 48-1064 | Carbide-sawblade for aluminium 355 x 80T |

## Cutting wheel



For chop saws

Suitable for cutting of iron, aluminium, stainless steel and stone profiles and pipes.

|         |                                   |
|---------|-----------------------------------|
| 48-1080 | Cutting wheel 355 x 3,0 x 25,4 mm |
|---------|-----------------------------------|



Blade for metal circular saws

The TiN-coating prolongs cutting life and therefore increases efficiency. Suitable for stainless steel, steel, aluminium and non-ferrous metals etc

| Art. no. | Description                                     | excl. VAT |
|----------|---|-----------|
| 48-1037  | Sawblade HSS TiN-coated 250 x 2,0 x 32 mm, 128T |           |
| 48-1040  | Sawblade HSS TiN-coated 315 x 2,5 x 32 mm, 160T |           |
| 48-1044  | Sawblade HSS TiN-coated 350 x 2,5 x 32 mm, 160T |           |
| 48-1025  | Sawblade HSS TiN-coated 275 x 2,5 x 40 mm, 140T |           |
| 48-1026  | Sawblade HSS TiN-coated 315 x 2,5 x 40 mm, 160T |           |
| 48-1027  | Sawblade HSS TiN-coated 350 x 2,5 x 40 mm, 160T |           |

## Miscellaneous accessories



This device attracts chips by a strong magnetic force which can then be manually released by pulling the button.

Convenient removal and collection of magnetic chips

Makes keeping your work place tidy with easy

|         |                         |
|---------|-------------------------|
| 51-1050 | Magnetic chip collector |
|---------|-------------------------|



Coolant fluid - to be diluted with water - features outstanding performance and is highly efficient. Content makes up to 200 l coolant emulsion.

The special additions increase the durability and improve the chip flow, this guarantee a better cutting result on the machined material.

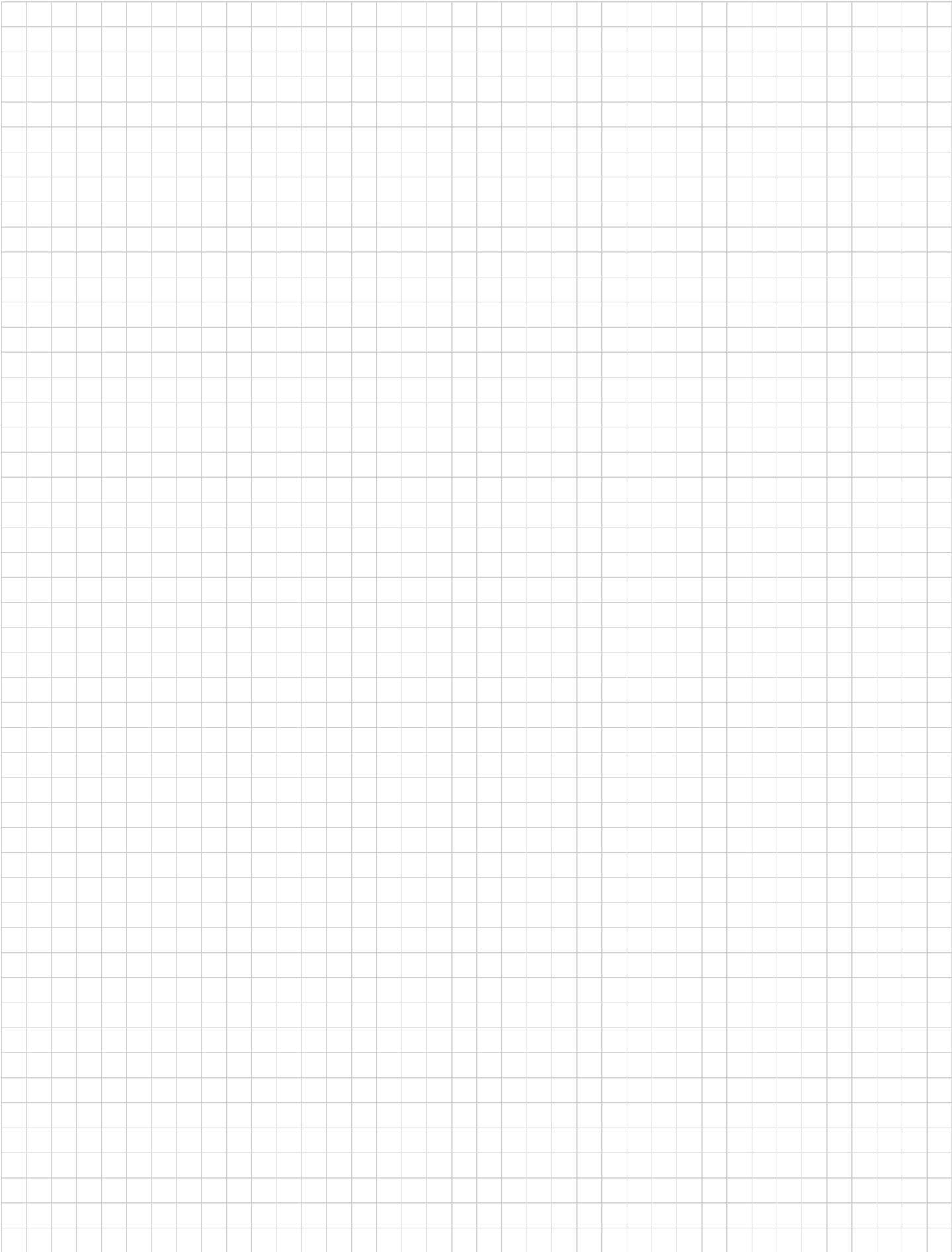
This concentrat is designed for all machining processes of steel and non-ferrous metal, for example drilling, milling, sawing, turning etc.

|                            |              |
|----------------------------|--------------|
| Application concentration  | (Oil:Water)  |
| Drilling, milling, turning | 1:20 to 1:40 |

|         |   |
|---------|---|
| 54-1206 | Universal coolant fluid MN 1103, 5 l canister |
|---------|---|



notes



## notes

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