



**NEW**

## SAWS FOR PLASTICS

# Band saw

## **BSM 631-67.5°**

Semi-automatic electric precision band saw for cutting large-diameter pipes (110 – 630 mm) made from plastics and composite materials.

The BSM 631-67.5° has been specifically designed for the precise cutting of PE, PP and PVC pipes. With its robust construction, pneumatic material clamping and laser cutting alignment, it ensures maximum accuracy and efficiency – even when handling complex geometries.

### **Product highlights**

- Cutting ranges up to  $\varnothing$  630 mm between +45° and -67.5°
- Easy production of Y-pieces with just one single clamping
- Semi-automatic operation with electric feed
- Pneumatic material clamping and V-table for secure fixation

## Technical data

Application	BSM 631-67.5°
Operating mode	semi-automatic
Materials	PE, PP, PVC
Material shape	Pipe, round
Cutting range 0° (mm)	110 - 630
Cutting range +45° (mm)	110 - 630
Cutting range -67,5° (mm)	110 - 630
Radius cut (mm)	-
<b>Dimensions &amp; weight</b>	
Dimensions (L x W x H in mm)	3,130 x 4,400 x 2,750
Weight (kg)	970
Material support height (mm)	720
Material support length (mm)	3,125
<b>Performance features</b>	
Total connected load (kVA)	5,0
Mains voltage (V) according to EN 60204	400
Control voltage (V) according to EN 60204	24
Mains frequency (Hz)	50
Mains type	TN-C-S system according to IEC 364 / VDE 0100
Fuse protection (A)	16
Saw band drive - power (kVA)	2.50
Saw band dimensions (mm)	0.80 x 25 x 7,718
Saw band speed (m/min)	560
Saw feed	electric
Saw band tension	manual
Saw band breakage monitoring	-
Adjustment - saw band guide	manual
Adjustment - saw angle	manual
Material clamping	manual
Material support type	V-table
Laser cutting alignment	•
Paint finish (RAL)	7035, 9005 (silk matt)

# BSM 631-67.5°

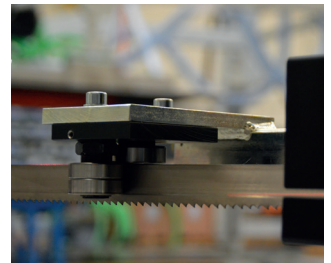
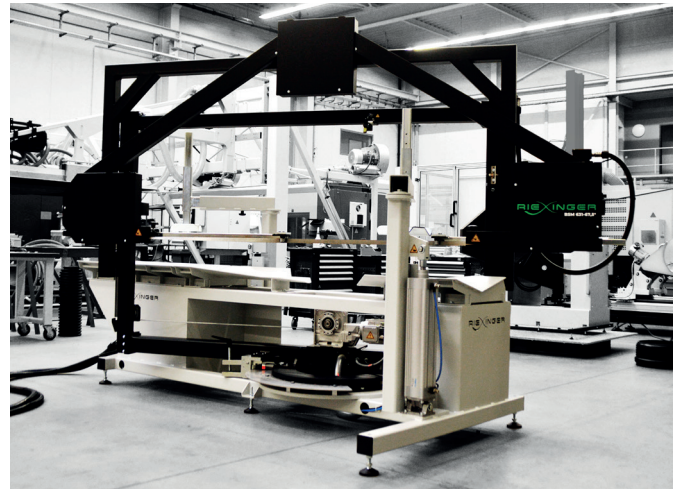
## The machine that gives you maximum flexibility

The BSM 631-67.5° is your key to maximum productivity and flexibility. Designed for pipe diameters up to Ø 630 mm, it delivers precise and efficient cuts in a wide range of materials such as PE, PP and PVC.

**A TRUE HIGHLIGHT:** with just a single clamping, you can perform both +22.5° and -67.5° cuts – ideal for the fast and accurate production of Y-pieces. This saves time, reduces set-up effort and increases cost-effectiveness.

Thanks to semi-automatic operation, electric feed and laser cutting alignment, achieving precise results becomes routine. Pneumatic material clamping and the robust V-table ensure maximum process reliability.

The BSM 631-67.5° combines efficiency, precision and reliability – making your pipe processing ready for the future.



## Order information

	BSM 631-67.5°
Item number	341 514
Delivery time (weeks)*	10 - 12
Terms of delivery (Incoterm)	FCA
Price (€)**	on request -

\* Delivery times given are for guidance only. Specific delivery times on request.

\*\* Manufacturer's recommended retail price. Retailer prices may vary.

Price plus VAT. | Preis incl. VAT

Printing errors and mistakes cannot be completely ruled out. The prices according to the order confirmation / invoice apply.

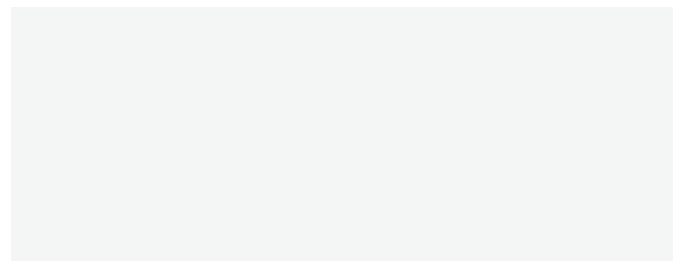
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