

ROUND ARCH CURVING MACHINES



The RBM round arch curving machine series

To produce arched profile panels from double standing seam profiles for use as dormers, round arches, domes or barrel-vault roofs with and without clip relief in the heights 25, 32, 38 and 50 mm.

RBM 25,32 AND 38

FACTS

- ✓ Robust round arch curving machine for pre-profiled panels with and without clip relief in the heights 25,32 and 38 mm
- ✓ The necessary contact pressure is read from a table and adjusted depending on the radii
- ✓ Width adjustment using handwheel with an axial dimension of 300 - 810 mm
- ✓ Separately powered bending units for the female and male profile side
- ✓ Adjustable throughput speed 0 - 12 m/ infinitely variable
- ✓ Optionally also for profile heights 32 mm and 38 mm by exchanging bending rollers
- ✓ Tailored to the double standing seam of the Schlebach profile shaping machines
- ✓ Panels with 2 x male profile sider in one work cycle possible
- ✓ Conical, tapered or panels with 2 x over-covering are produced in several passes
- ✓ Seamless production of changing radii in a panel



POSSIBLE SHAPES

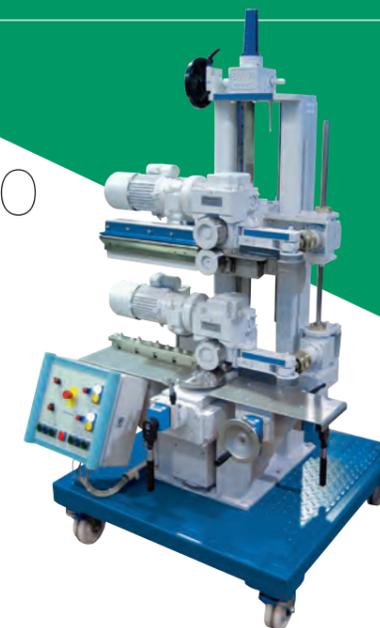


The RBM can also be used for other profile heights between 25 and 38 mm by replacing the pressure rollers.

RBM 50 AND RBM 38/50

FACTS

- ✓ Robust round arch curving machine for pre-profiled panels with and without clip relief in the heights 38 and 50 mm
- ✓ Contact pressure readable from a table and can be set on the control panel depending on radius
- ✓ Width adjustment using handwheel with an axial dimension of 300 - 810 mm
- ✓ Combined pressure can be adjusted to the selected presetting by motor or manually
- ✓ Separately powered bending units for the female and male profile side
- ✓ Throughput speed 0 - 12 m/ infinitely variable
- ✓ Panels with 2 x bottom seam in one work cycle possible
- ✓ Conical, tapered or panels with 2 x over-covering are produced in several passes
- ✓ A seam height of 38 mm can also be achieved by replacing the bending rollers
- ✓ Seamless production of changing radii in a panel



POSSIBLE SHAPES



ROUND ARCH MOULDING MACHINE TECHNICAL DATA

	RBM 25, 32 AND 38	RMB 50 AND RBM 38/50
Dimensions: L x W x H	1,000 x 1,000 x 1,700 mm	1,000 x 1,000 x 1,930 mm
Adjustment range:	Axial dimension 300 – 810 mm	Axial dimension 330 – 660 mm
Non-ferrous metals smallest radii:	from a radius of 600 mm (25+32+38)	from a radius of 3,000 mm (50)
Sheet steel:	from a radius of 1,500 mm (25+32) 2,500 (38)	from a radius of 4,000 mm (50)
Stainless steel:	from a radius of 1,500 mm (25+32) 2,500 (38)	from a radius of 5,000 mm (50)
Non-ferrous metals material thicknesses:	up to 0.8 mm	up to 0.8 mm
Sheet steel:	up to 0.7 mm	up to 0.7 mm
Stainless steel:	up to 0.5 mm	up to 0.5 mm
Weight:	230 kg	870 kg
Drive:	2 x 0.55 kW, 230 Volt, 1-ph.	1 x 0.75 kW, 230 Volt, 1-ph. 2 x 0.37 kW, 230 Volt, 1-ph.