



Schlebach

MST
Cutting Lines

Slitting/Cutting
MADE EASY

SLITTING MACHINE MSS 1250/MST 1250

Automatic slitting and cut to length line for rolled strips up to 1,250 mm width

For flexible, exactly fitting and burr-free cutting of wide strip, for low-cost storage of rolled strips, reduction of waste due to optimized utilization of the wide strip, reduction of the material acquisition costs due to the use of large coils, on-person operation.



Slitting machine with electric roller shear and decoiler SH 1250KS

Additional equipment optionally available:

- Optional feeder speed up to 35m/min, can be controlled using frequency converter (turbo)
- Can be expanded up to 12 pairs of cutters
- RIA 3 – pivoting, for straightening top and bottom coiled strip material
- RIA – 5A / 125 with very high straightening quality for top and bottom decoiling of coiled sheets.
- Decoiling unit for mounting film rolls, for one-sided lamination of protective film on the material top side of SFB125
- Decoiler from the Schleich range

CUTTING PERFORMANCE

	Cut to Length	Slitting and Cutting to length
Sheet Steel 400N/mm ²	up to 1.25mm	4 blades - up to 1.25mm
Stainless steel	up to 1.25mm	4 blades - up to 1.00mm
Copper / zinc	up to 1.25mm	4 blades - up to 1.25mm
Aluminum	up to 1.50mm	4 blades - up to 1.50mm

TECHNICAL DATA

Drive	1.1kw, 50hz, 400 volt 3-phase (optional 460 volt or 230 volt, 3-phase)	
Dimensions	MSS 1250	L x W X H 1.250 x 2.050 x 1.220mm
	MST 1250	L x W X H 1.710 x 2.050 x 1.270mm
Weight	QTAR125 approx. 1.000kg without straightening unit	
	QTAR125 approx. 1.450kg with straightening unit	

SLITTING MACHINE

MSS 1250/MST 1250

Extensive Basic Configuration

- Infeed table made of stainless with a fixed and moveable stop for width adjustment and integrated secondary roller.
- Side guide for infeed stops with ball bearings for strip intake which is gentle on the material.
- Infeed width precisely infinitely adjustable from 200-1,250mm.
- Strip intake, gentle on the material, with specially coated feeder rollers.
- Cutter spindle with 100mm diameter
- 4 pairs of blades can be installed on both sides and can be sharpened, for burr-free, dimensionally accurate cuts.
- Clamping fixture of the cutter pairs, clamping without damaging the cutter spindle.
- Maintenance-optimized design.
- Cutter positioning using scale and stop, precised to the millimeter.
- Lifting the main shaft for waste optimization and for cutting to length mode.
- Designed for fast blade exchange (10min)
- Feeder speed up to 22m/min, can be controlled using frequency converter.
- Positioning controller, 198 memory locations, manual operation as jogging mode, automatic operation in single-step and continuous operation, with setting up mode and automatic function for setting up position, automatic function for waste optimization.
- Optional: Control panel with touch screen 5.7" with color, user-friendly, operator interface.
- Menu-guided programming, multi-language with 99 program locations, USB Type A and RS485 port, Compact Flash card, protection class IP 65
- Main switch can be locked
- Feeder accuracy $\pm 0.5\text{mm} / 3000\text{mm}$ length
- Blade cover using folding cover
- Machine operation and fixed stop from the left, optionally from the right [without additional charge]
- With electrically operated crosscutting roller shear with cutting length limitation. The cutting path can be individually adjusted to the strip width.

Optional cutting to length with plate shear

- MST1250: electric plate shear, German make, cutting performance max of 2.00mm for 400N/mm².
- Mounted on a common base frame with forklift pockets for slitting machine and plate shear.



Control panel with touch screen 5.7"



Infeed guide



Cutter spindle with 100mm diameter



SLITTING MACHINE MST 1500

Automatic slitting and cut to length line for rolled strips up to 1,500 mm width

For flexible and custom-fit cutting of wide-strips to achieve a low-cost storage of sheet metals.

Using a Schlebach slitting and cut to length line brings significant benefits:

- Precise and burr-free cuts with constant quality
- Material price reduction due to use of large coils
- Reduction of waste due to optimized utilization of the wide strip
- One person operation
- Reduction of storage and saving of storage space



Electric plate shear
MST 1500

Additional equipment optionally available:

- Optional feeder speed up to 35m/min, can be controlled using frequency converter (turbo)
- Can be expanded up to 12 pairs of cutters
- RIA-5A/150 with very high straightening quality for top and bottom decoiling of coiled sheets
- Decoiling unit for mounting film rolls, for one-sided lamination of protective film on the material top side SFB150
- Decoiler from the Schlebach range

CUTTING PERFORMANCE

	Cut to Length	Slitting and Cutting to length
Sheet Steel 400N/mm ²	up to 2.00mm	2 blades - up to 2.00mm 4 blades - up to 1.50mm
Stainless steel	up to 2.00mm	4 blades - up to 1.25mm
Copper / zinc	up to 2.00mm	4 blades - up to 2.00mm
Aluminum	up to 2.00mm	4 blades - up to 2.00mm

TECHNICAL DATA

Drive	2.2kw, 50hz, 400 volt 3-phase (optional 460 volt or 230 volt, 3-phase)
Dimensions MSS 1250	L x B X H 1.670 x 2.270 x 1.620mm
Weight	MST 1500 approx. 2.450kg

Extensive Basic Configuration

- Infeed table made of stainless with a fixed and moveable stop for width adjustment and integrated secondary roller
- Slide guide for infeed stops with ball bearings for strip intake which is gentle on the material
- Infeed width precisely infinitely adjustable from 200-1,500mm
- Strip intake, gentle on the material, with specially coated feeder rollers
- Cutter spindle with 100mm diameter
4 pairs of blades can be installed on both sides and can be sharpened, for burr-free, dimensionally accurate cuts
- Clamping fixture of the cutter pairs, clamping without damaging the cutter spindle
- Maintenance-optimized design
- Cutter positioning using scale and stop, precise to the millimeter
- Lifting the main shaft for waste optimization and for changeover to pure cut to length mode
- Feeder speed up to 22m/min, can be controlled using frequency converter
- Control panel with touch screen 5.7" with color, user-friendly operator interface.
- Menu-guided programming, multi-language with 99 program locations, USB Type A and RS485 port, Compact Flash card, protection class IP 65
- Main switch can be locked
- Feeder accuracy $\pm 0.5\text{mm} / 3000\text{mm}$ length
- Blade cover using folding cover
- Machine operation and fixed stop from the left, optionally from the right (without additional charge)
- Mounted on a common base frame with forklift pockets for slitting machine and plate shear
- Designed for fast blade exchange (10min)



Control panel with touch screen 5.7"



Lifting main shaft



Cutter spindle with 100mm diameter