

# Schlebach



## 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.



#### 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 Schlebach range

### CUTTING PERFORMANCE

tting to length
es - up to 1.25mm
es - up to 1.00mm
les - up to 1.25mm
es - 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 MST 1250	L x W X H 1.250 x 2.050 x 1.220mm 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

#### **Extensive Basic Configuration**

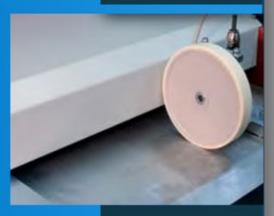
- Infeed table made of stainless with a fixed and moveable stop for width adjustment and integrated secondary roller.
- Side guide for infeed stops with ball bearings for strip intake which is gentle on the material.
- Infeed width precisely infinitely adjustable from 200-1,250mm.
- Strip intake, gentle 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 continous 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 +/-0.5mm /3000mm 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



### 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



#### 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/mm2	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**

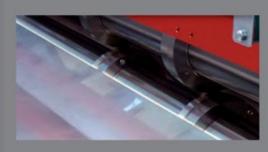
- Infeed table made of stainless with a fixed and moveable stop for width adjustment and integrated secondary roller
- Slide guide for infeed stops with ball bearings for strip intake which is gentle on the material
- Infeed width precisely infinitely adjustable from 200-1,500mm
- Strip intake, gentle 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 +/-0.5mm / 3000mm 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