

Slitting & Cutting  
made easy

*Schlebach*  
Profile technology for all rooves in the world.

## Electric cut to length line for rolled strips up to 1,250 mm width

For flexible, exactly fitting cutting of wide strip, for low-cost storage of rolled strips.  
The robust, torsion-resistant and technically mature basic design is the basis for time saving and material saving production of sheet metal cuts.



Cut to length line QTAR125 with electric roller shear and decoiler AH1250KS

### Cutting performance

Sheet steel 400N/mm <sup>2</sup> :	up to 1.25 mm
Stainless steel:	up to 1.25 mm
Copper / zinc:	up to 1.25 mm
Aluminium:	up to 1.50 mm

The cut to length line QTAR125 has an extensively equipped basic configuration.

- | Infeed table made of stainless steel with a fixed and a moveable stop for infinitely variable 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 – 1,250 mm
- | Strip intake, gentle on the material, with specially coated feeder rollers
- | For max. 5,000 kg, when using a decoiler not driven by a motor
- | Feeder speed up to 22 m/min, can be controlled using frequency converter

The cutting path can be individually adjusted to the strip width.



electrically operated cross cutting roller shear with cutting length limitation

- | Control panel with touch screen 5.7" with particularly comfortable colour, easy to use user 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 +/- 0.5 mm / 3000 mm length
- | Blade cover using folding cover
- | Machine operation and fixed stop from the left, optionally from the right (without additional charge)



Control panel with touch screen 5.7"



5 roller straightening unit integrated (optional)

#### Additional equipment optionally available:

- | Optional feeder speed up to 35 m/min, can be controlled using frequency converter (turbo)
- | 5-roller straightening unit with very high straightening quality for unwinding coiled sheets from the bottom and top.
- | With easy to use single lever pressure adjustment and adjustable depth stop for the straightening position.
- | Protective film coating Type SFB125
- | Decoiler from the Schlebach range

#### Technical data:

- Drive: 1.1 KW, 50 Hz, 400 Volt 3-phase (optional 460 Volt or 230 Volt, 3-phase)
- Dimensions: L x W x H 1.350 x 2.080 x 1.670 mm
- Weight: **QTAR125** approx. 1.000 kg without straightening unit  
**QTAR125R** approx. 1.450 kg with straightening unit

## 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 optimised utilisation of the wide strip, reduction of the material acquisition costs due to the use of large coils, one-person operation



Slitting machine MS0 with electric roller shear and decoiler AH1250KS

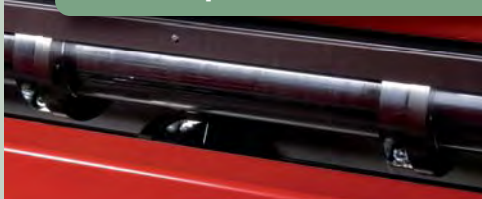
### Cutting performance:

	Cutting to length	Slitting and cutting to length
Sheet steel 400N/mm <sup>2</sup>	up to 1.25 mm	4 blades - up to 1.25 mm
Stainless steel	up to 1.25 mm	4 blades - up to 1.00 mm
Copper / zinc	up to 1.25 mm	4 blades - up to 1.25 mm
Aluminium	up to 1.50 mm	4 blades - up to 1.50 mm

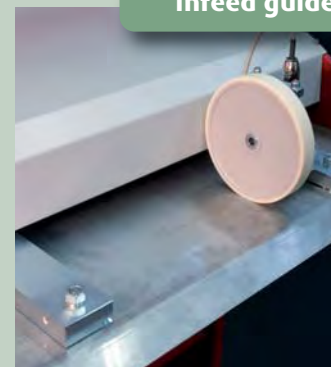
### Extensive basic configuration:

- | Infeed table made of stainless steel with a fixed and a 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 – 1,250 mm
- | Strip intake, gentle on the material, with specially coated feeder rollers
- | Cutter spindle with 100 mm diameter
- | 4 pairs of blades can be installed on both sides and can be resharpened, for burr-free, dimensionally accurate cuts
- | Clamping fixture of the cutter pairs, clamping without damaging the cutter spindle
- | Maintenance-optimised design
- | Cutter positioning using scale and stop, precise to the millimetre
- | Lifting the main shaft for waste optimisation and for cutting to length mode
- | Designed for fast blade exchange (10 min)

### Cutter spindle with 100 mm diameter



### Infeed guide



- | Feeder speed up to 22 m/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 optimisation
- | Optional: control panel with touch screen 5.7" with colour, 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 +/- 0.5 mm/3000 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 cross cutting roller shear with cutting length limitation . The cutting -path can be individually adjusted to the strip width.



Control panel with touch screen 5.7"

**Optional cutting to length with plate shear**

- | MST 1250: electric plate shear, German make, cutting performance max. 2.00 mm for 400N/mm<sup>2</sup>
- | Mounted on a common base frame with forklift pockets for slitting machine and plate shear



**Additional equipment optionally available:**

- | Optional feeder speed up to 35 m/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 SFB125
- | Decoiler from the Schleich range

**Technical data:**

Drive:	1.1 KW, 50 Hz, 400 Volt 3-phase (optional 460 Volt or 230 Volt, 3-phase)
Dimensions:	L x W x H 1.250 x 2.050 x 1.220 mm / MSS 1250 L x W x H 1.710 x 2.050 x 1.270 mm / MST 1250
Weight:	approx. 1.022 kg / MSS 1250 approx. 1.620 kg/ MST 1250

## 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.

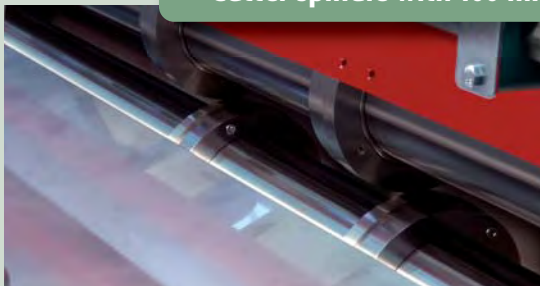
### Cutting performance:

	Cutting to length	Slitting and cutting to length
Sheet steel 400N/mm <sup>2</sup>	up to 2.00 mm	2 blades - up to 2.00 mm 4 blades - up to 1.50 mm
Stainless steel	up to 2.00 mm	4 blades - up to 1.25 mm
Copper / zinc	up to 2.00 mm	4 blades - up to 2.00 mm
Aluminium	up to 2.00 mm	4 blades - up to 2.00 mm

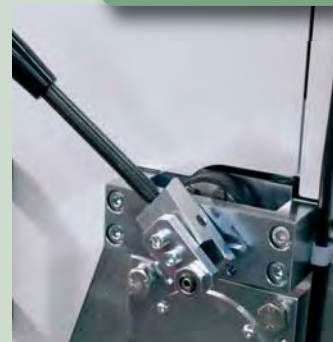
### Using a Schlebach slitting and cut to length line brings significant benefits:

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

Cutter spindle with 100 mm diameter



Lifting main shaft



### Extensive basic configuration:

- | Infeed table made of stainless steel with a fixed and a 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 – 1,500 mm
- | Strip intake, gentle on the material, with specially coated feeder rollers
- | Cutter spindle with 100 mm diameter
- | 4 pairs of blades can be installed on both sides and can be resharpened, for burr-free, dimensionally accurate cuts
- | Clamping fixture of the cutter pairs, clamping without damaging the cutter spindle
- | Maintenance-optimised design
- | Cutter positioning using scale and stop, precise to the millimetre
- | Lifting the main shaft for waste optimisation and for changeover to pure cut to length system
- | Feeder speed up to 22 m/min, can be controlled using frequency converter
- | control panel with touch screen 5.7" with colour, 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 +/- 0.5 mm/3000 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 (10 min)



Control panel with touch screen 5.7"



Electric plate shear - cutting performance max. 2.00 mm for 400N/mm<sup>2</sup>

### Additional equipment optionally available:

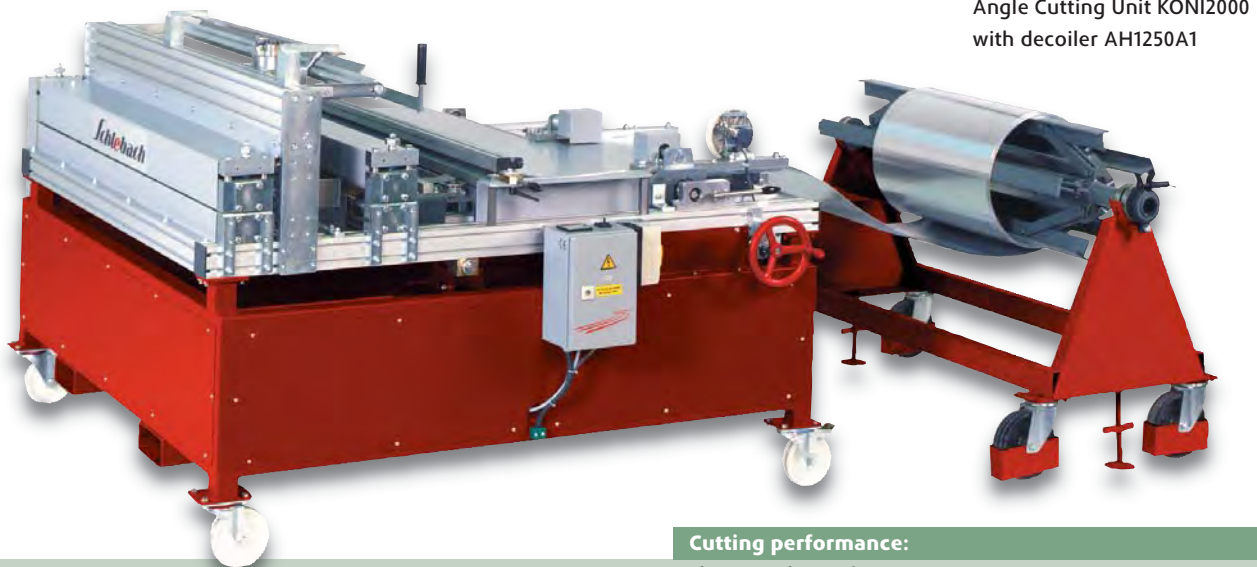
- | Optional feeder speed up to 35 m/min, can be controlled using frequency converter (turbo)
- | Can be expanded up to 12 pairs of cutters
- | RIA-5A/150 with very high straightening quality for top and bottom decoiling of coiled sheets.
- | Decoiling unit for mounting film rolls, for one-sided lamination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

### Technical data:

- Drive: 2.2 KW, 50 Hz, 400 Volt 3-phase (optional 460 Volt or 230 Volt, 3-phase)
- Dimensions: L x B x H 1.670 mm x 2.270 mm x 1.620 mm
- Weight: approx. 2.450 kg

## For cutting parallel, angled and trapezoidal sheets

The KONI2000 Angle Cutting Unit is used for flexible, exactly fitting cutting of rolled strips for parallel, angled and trapezoidal cuts.



Angle Cutting Unit KONI2000  
with decoiler AH1250A1

### Cutting performance:

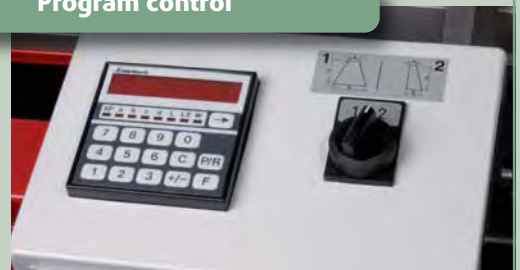
Sheet steel 400N/mm <sup>2</sup>	0.40 to 0.70 mm
Stainless steel	0.40 to 0.50 mm
Copper / zinc	0.60 to 0.80 mm
Aluminium	0.60 to 1.00 mm

A robust machine design with adjustable infeed guides up to an infeed width of 1,250 mm is the basis for efficient, time and material saving production of long angled or trapezoidal cuts

### The standard delivery includes:

- | Base frame, moveable with braked wheels
- | Centrally, infinitely adjustable infeed guide
- | Side guides of the infeed guides with ball bearings for strip intake which is gentle on the material
- | Specially coated strip feeder rollers which are gentle on the material
- | Electronic length measurement unit with gradations in millimetres
- | Cross cutting roller shear, manually operated for parallel and angled cuts
- | Adjustable cutting head with angle adjustment via adjusting rail for longitudinal cuts
- | Adjustable stop for repeat accuracy approach of the start position
- | Adjustable trimming knife
- | Rubberised infeed and discharge rollers

### Program control



### Cutting head with angle adjustment





The work process is very simple and easy to use.

Using the programmable controller with the input functions:

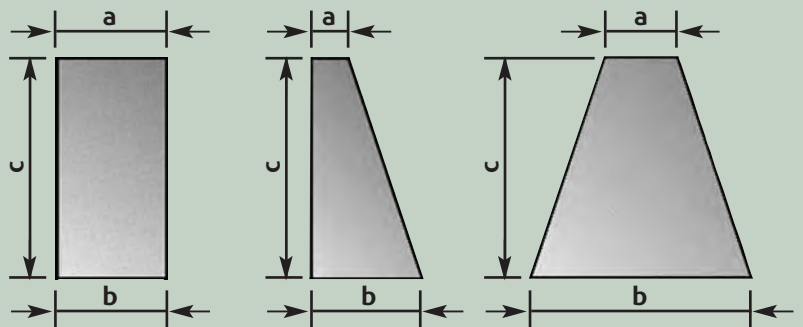


- Narrow width (a)
- Large width (b)
- Length (c)
- selection "angle" or "trapezoid"

the adjustment and starting position of the cutting head and the cutting angle of the cut to length shear are calculated and displayed.

A suitable coil width is selected in accordance with the requirements of the desired cut dimensions. It is advisable to produce 2 equally usable cuts from a strip width for waste optimisation. An adjustment cut can be performed with an additional -trimming knife. The narrowest width as starting position for the longitudinal cut is 100 mm. Using the strip feeder, the cutting head moves automatically in accordance with the preset cutting angle. The Koni2000 stops after reaching the preselected length. The strip is cut to length with the cross cutting roller shear.

The cutting head is moved back to the starting position for the restart.



**Technical data:**

Infeed width: 300 – 1.250 mm

Drive: 1.1 KW, 50 Hz, 400 Volt 3-phase (optional 460 Volt or 230 Volt, 3-phase)

Dimensions: L x W x H 1.870 x 2.100 x 1.350 mm

Weight: approx. 770 kg

## Extensions, options, special solutions

Schlebach slitting and cut to length lines - accessories and variants					
	QTAR 125	MSS 1250	MST 1250	MST 1500	KONI 2000
Programming and controller unit for length measurement and calculation of the angle adjustment	—	—	—	—	●
Positioning controller for automatic process, adjustment of the infeed and discharge speeds, 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 -optimisation	—	●	●	—	—
Control panel with touch screen 5.7", with comfortable blue mode - display, user-friendly operator interface interface, menu-guided - programming, multi-language, with 99 memory locations, USB type A and RS485 port, protection class IP 65	●	—	—	—	—
Control panel with touch screen 5.7", with comfortable colour, intuitive user interface, menu-guided -programming, multi-language, with 99 memory locations, USB type A and RS485 port, protection class IP 65	○	○	○	●	—
Feeder speed up to 35 m/min, can be controlled using frequency converter (turbo)	○	○	○	○	—
Additional pairs of blades, max. 10, for burr-free, dimensionally accurate cuts	—	●	●	●	—
two deflection rollers for gentle material infeed	●	○	○	●	—
Straightening rollers - 3 rollers, not driven	—	○	○	—	—
Straightening rollers - 5 driven rollers, Type RIA-5A125	○	○	○	—	—
Straightening rollers - 5 driven rollers, Type RIA-5A150	—	—	—	○	—
Protective film coating Type SFB125	○	○	○	—	○
Protective film coating Type SFB150	—	—	—	○	—
electric plate shear - cutting performance up to 2.00 mm for 400N/mm <sup>2</sup>	—	—	●	●	—
Decoiler AH1250A1	○	○	○	—	○
Decoiler AH1250K5	○	○	○	—	—
Decoiler AH1500K5	—	—	—	○	—

● included    ○ not included    — not available



*Our many years of experience and the expertise resulting from this make us able to design and produce special machines "specially for you" in accordance with your requirements.*



*Put us to the test and contact us. We look forward to your challenge...*

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