Cut-to-length and Slitting Machinery

Our reliable and cost-efficient Cut-to-length and Slitting machines are manufactured for material width of 1250 mm / thickness 1.25 mm and for a width of 1500 mm / thickness 2 mm. Both Cut-to-length and Slitting sections are combined in one machine.

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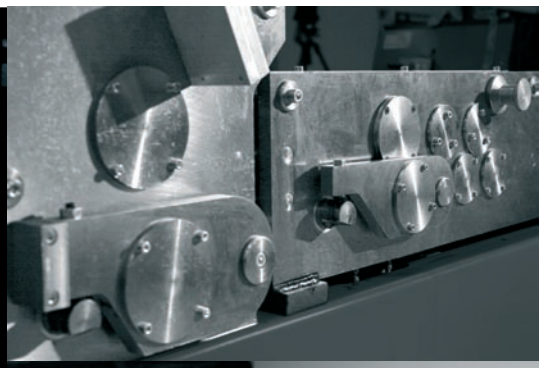
Cut-to-length and Slitting Unit 1250 mm / 1.25 mm

A specially designer stacker is available for our cut-to-length and slitting units. The stacker ensures efficient operation and damage-free sheet surfaces in all production conditions.



- Electrically operated 5 kW
- Shear for cut-to-length sheets and slitting unit with 5 blade pairs
- Max. strip width 1250 mm
- Strip thickness: steel 0.5–1.25 mm
  - Strip thickness 0.5–0.6 mm, slitting with max. 8 blade pairs
  - Strip thickness 0.7–0.9 mm, slitting with max. 5 blade pairs
  - Strip thickness 1.0–1.25 mm, slitting with max. 3 blade pairs
- PLC control unit with programmable length / pieces
- Repeat accuracy of length feed: ±0.5 mm/meter
- Straightening unit with 3 straightening rolls
- Steel quality DIN EN 10346: S220GD+Z - S350GD+Z

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Cut-to-length and Slitting Unit 1500 mm / 2.0 mm

- Max. strip width 1500 mm
- Strip thickness: steel 0.4 – 2.0 mm
- Operated by servomotor 6.5 kW
- Guillotine cutter for the cut-to-length sheets and slitting unit with 5 slitting blade pairs
- Manual adjustment for slitting blades, with digital display, accuracy 0.1 mm
- Control unit for programming length and pieces. Maximum of twenty combinations of different length and pieces can be programmed for one production set
- Repeat accuracy of length feed: ±0.5 mm/meter
- Speed 25 m/min
- Straightening unit with 4 straightening rolls with 3 support rolls
- Electrically controlled straightener
- The pressure of the straightener releases automatically when the machine stops for cutting. The minimum release is 1/10 mm and can be adjusted from the control unit
- Urethane coated draw-in roller
- Cut-to-length shear slides on the rails by cam opening the slitting blade section.
- Steel quality DIN EN 10346: S220GD+Z - S350GD+Z
- Available options:
  - Additional slitting blades
  - Plastic film holder
  - Pneumatic sheet entry table

Equip the Cut-to-length and slitting machine with Automatic stacker for the cut-to-length sheets or with Felt brake and Recoiler for continuous slitting.

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Re-coiler and Felt Brake

Re-coiler

- Electrically operated
- With own control switches
- Forward and reverse operation
- Hydraulic expansion of mandrel with wedge mechanism
- With turned expansion plates 4 pcs
- Strip guides
- Hydraulic sheet gripper
- Equipped with separating discs and coil car

Coil specification

Inner diameter
508 mm

Coil width
1250 mm, 1500 mm

Re-coiling capacity
5 to 10 tons

Felt Brake

- Strips go through the Felt Brake to the separating discs and re-coiler
- Tightens up the strips while recoiling
- Pneumatically operated
- Braking force is adjusted manually

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