

Straightening machine with 19 straightening rolls



BR/19/350/25/U

Straightener with digital displays as option

Powered, automatic precision strip straightener for optimal straightening of strip material from coils. 19 Straightening rolls can level 100 percent of the existing coil bending. As all rolls are powered, the straightener can draw strips from coils from unmotorized coil mandrels of up to 2000 kg. Strip feed to the press by loose hanging loop for contactless, gentle material feed.

Specifications

Number of straightening rolls	19 pieces
ø of the straightening rolls	25 mm
Number of traction rolls	4 pieces
ø of traction rolls	25 mm
Strip width	max. 300 mm
Strip thickness maxi	3,0 mm
Strip thickness mini	0,4 mm
Speed regulated drive	0 - 25 m/min

Technical data subject to change
Client specific constructions upon request

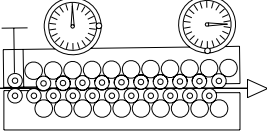
Technical equipments

- Rigid welded socket, easy to transport with fork lift
- Adjustable hydraulic drive, protected against overload
- Leveller with 19 straightening and 2 drawing rolls, hardened and ground, supported in roller bearings
- All rolls powered and repeatedly supported
- Positioning of the upper roller frame (all 4 upper straightening rolls together) over 2 hand wheels. Manual ventilation of the drawing roll over eccentric lever.
- Inclination of the roller frame possible.
- The lower part of the straightener can be pulled out for cleaning
- Strip guides at the inlet and outlet of the leveller
- Ultrasonic loop control for continuous speed control guarantees feeding without jerks

Options

- Hard-chromium plated straightening rolls
- Levellers for wider/thicker strips (see chart)
- Quicker speed ranges
- Digital indication of the roll position
- Construction as part leveller

Choice of 19 Roller straighteners:

Richtwerksymbol Für alle Typen							
All straightening rolls driven, upper rolls individually adjustable by ledger							
Type	Strip width mm	Strip thickness (mm)		Straightening cross-section mm ²	Number of straightening rollers	Roll-ø mm	Number and ø of traction rollers
		mini	maxi				
BR19/160/12	160	0,05	1,5	240	19	12	2 ø 12 mm
BR19/160/16	160	0,15	2,0	290	19	16	2 ø 16 mm
BR19/250/16	250		1,8	290			
BR19/350/16	350		1,8	290			
BR19/200/25	200	0,2	3,0	500	19	25	2 ø 25 mm
BR19/350/25	350		2,8	500			
BR19/450/25	450		2,8	500			
BR19/250/35	250	0,3	4,0	1000	19	35	2 ø 35 mm
BR19/350/35	350		4,0	1000			
BR19/450/35	450		4,0	1000			

Indications are valid for soft steel Rm 400 N/mm². They vary according to the material type.
In cases of doubts, prior straightening tests are reserved.

