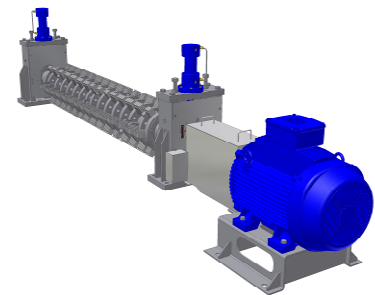


ON THE FLY, ROLLER TABLE SPEED UP TO 40 M/MIN

HIGH DEBURRING RATE

HIGH PROFITABILITY, LOW MAINTENANCE



*Deburrer*

## TECHNICAL CHARACTERISTICS

In-line rotary hammer type deburring machine for removing burrs caused by torch cutting without stopping the product. The Deburrer has been designed using all of the experience and feedback from its tried-and-tested predecessor. Equipment is manufactured using standardised modules, resulting in high reliability and low maintenance of equipment.

## ECONOMICAL AND TECHNICAL BENEFITS

Low overall costs, electro-hydraulic operation, no consumables. Deburring equipment minimises damage to rollertables, reheat furnaces and rolling mill equipment, resulting in a favourable return on investment.



*Deburred Slab*

## TECHNICAL DESIGN

The Deburring system consists of a roll with axles and hammers, bearing blocks, hydraulic vertical slide, sensors and electric rotor-drive. Centrifugal extended hammers remove the burrs from the product front and tail end. Control systems - standard Siemens S7 PLC.

## OPTIONS

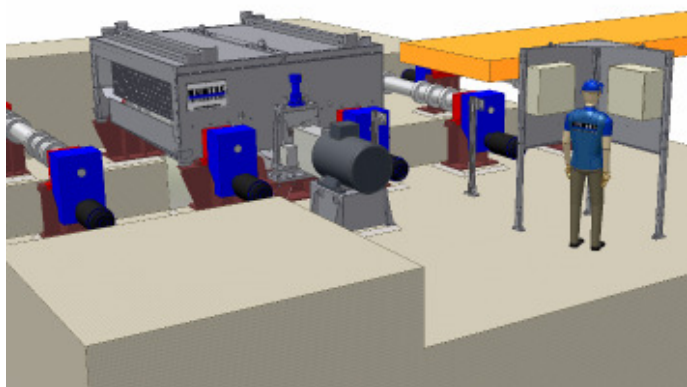
- Laser measuring system with position control
- Burr collection system
- Other control systems (Allen Bradley, etc.)



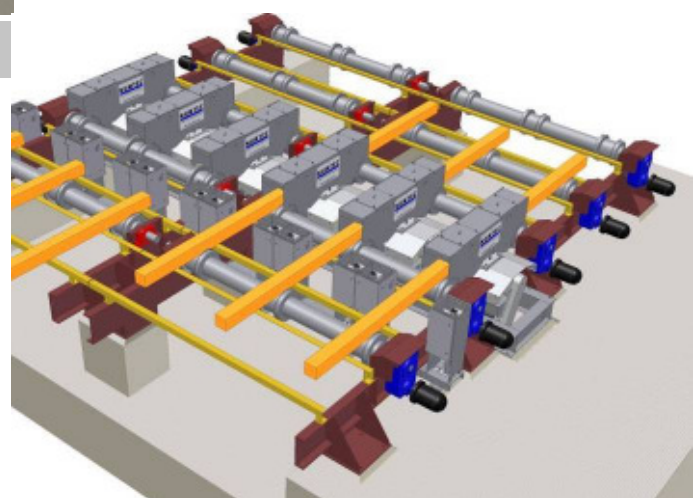
*Burrs*

TECHNICAL DATA	
Usual applications	Continuously cast products (slabs, blooms and billets)
Temperature range of product	Up to 1.000 °C
MACHINE DATA	
Rotor diameter	480 mm
Rotation speed of roll	Approx. 900 rpm
Production speed (on the fly)	Up to 40 m/min
ELECTRICAL	
Mains supply	3 x 400 V, 50 Hz (other voltages also possible)
Power consumption	15 to 112 kVA
Control voltage	24 VDC
HYDRAULIC	
Medium	Mineral oil or water glycol
Pressure	Min. 110 bar
Consumption (flow rate)	Max. 50 l/min

**MACHINE TYPES**



*Slab Deburrer*



*Billet / Bloom Deburrer*