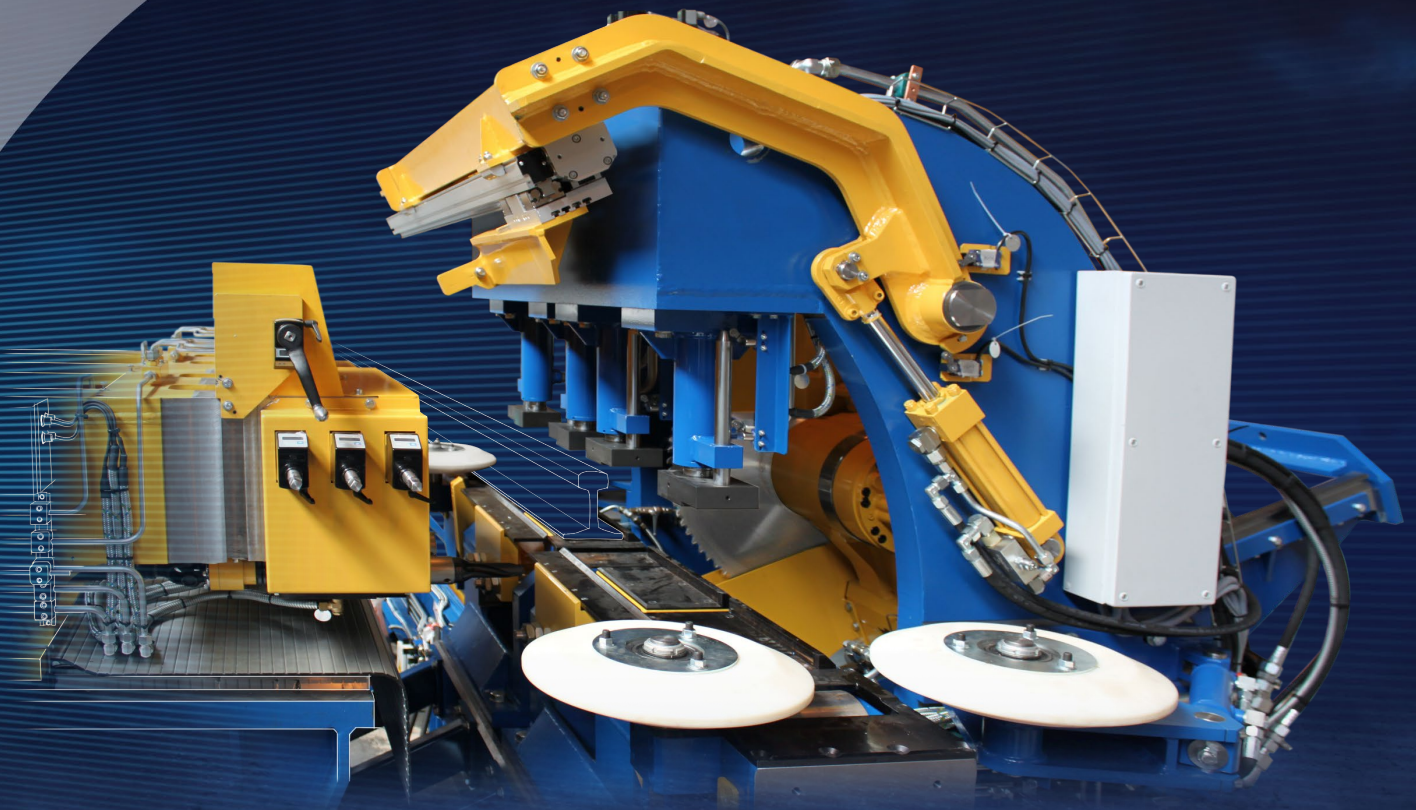


Rail manufacturing expertise and technology



Quality and accurate rail squareness

Comply to EN 13674-1 standard

Optimal integration in rail steel-mills or reprofiling workshops

Your benefits

- Cutting precision ensured by the hydraulic blade drive
- Cutting and drilling quality through the use of carbide tipped blades and drills
- Simultaneous use of drilling and cutting for optimal performance in the production line
- Minimizing operational costs thanks to fully automatic process and high lifespan of consumables



Accessories and options

- Crop-ends and sample discharging tilting tables
- Automatic rail final positioning system
- Crop pushing device for cleaning the cardan table
- 1 and 3-spindles version
- Configuration of an Allen Bradley or Schneider PLC

Consumables

- Carbide tipped blades with available diameters: 630, 660, 710, 800 and 810 mm
- Carbide tipped drills with 38 mm maximum diameter

Technological advantages

- Sawing unit is mounted on a 20° inclined table for a blade trajectory in relation with the rail geometry
- Spindles driven by cardan for minimizing the space between spindles
- A vertical and horizontal rail clamping system for vibration-free operation
- Fully automatic sawing and drilling cycle controlled by means of a touch screen HMI
- Compressed air blowing system for chips evacuation onto the conveyor
- Clean working without any sawing and drilling fluids

Specifications

Types of rails

Type	Flat bottom or grooved
Linear mass	Up to 75 kg/m

Sawing and drilling performances

Average cycle time	< 30 s
Cutting squareness	< 0.6 mm

Sawing unit

Standard blade diameter	28 in. (710 mm)
Rotational speed	70 rpm
Feed speed	Up to 6,000 mm/min

Drilling unit

Number of drilling units	2
Number of drilling spindles per unit	3
Spindle diameter	Up to 2 in. (38 mm)
Distance between two drills	From 3 to 19 in. (80 to 480 mm)

Clamping

Vertical clamping force	4 x 70 kN
Horizontal clamping force	2 x 35 kN (inside) 2 x 9 kN (outside)

Electrical equipment

Total power	241 hp (180 kW)
PLC	Siemens

Dimensions (approx.)

L x W x H	138 x 110 x 87 in. (5,300 x 2,800 x 2,200 mm)
Mass	33 lbs (15,000 kg)