

Plate Straightening Machine

*Maximum
Reliability*



Faccin's R series metal plate levellers feature a rigid oversized frame in electro-welded steel which assures maximum reliability and sturdiness.

Each R series is equipped with 5/7/9 rolls plus two extra motorised rolls for easier feeding, each in high quality steel alloy and heat-treated. The upper rolls are hydraulically positioned and independently adjustable with the deepest vertical movement for higher quality levelling in fewer passes.

The whole straightening process is controlled by means of a specific Siemens control panel. The upper and lower rolls are closely positioned and independently motorised through hydraulic motors and planetary gearboxes for reduced production time and higher quality results.

The flattening of an unlevelled steel plate is a progressive process of consistent deformation done by applying pressure through a series of rolls.

The special anti-flexure system of the R series metal plate levellers on the lower rolls maintains maximum tolerances even in the crosswise direction of the plate. The same system on the upper rolls is adjustable according to the thickness of the plate to be straightened. The centring rolls, on each side of the machine, help the operator use the machine in a quick and safe manner.

Faccin is able to design and produce customised solutions to effectively meet Customers' diverse needs.

Plate Straightening Machine

Standard equipment

- ✓ Rolls normalized and hardened
- ✓ Rectilinear guides system for rolls translation
- ✓ Electronic Parallelism System of the Rolls ('EPS' system)
- ✓ Automatic rolls balancing and tilting by electronic control & proportional valves
- ✓ Micro positioning and variable speed
- ✓ Couple of rolls for plate feeding
- ✓ Pressure control for active positioning
- ✓ Bottom back-up rolls
- ✓ Centring rolls
- ✓ Mobile wheel mounted control console
- ✓ Safety system

Optional Features

- ✓ Additional couple of pinch rolls
- ✓ Additional couple of straightening rolls
- ✓ Full back up rolls system with integrated upper structure (+6)
- ✓ Siemens CNC with HMI operator graphic interface
- ✓ Integrated camera on centralised monitor
- ✓ Motorised feeding table
- ✓ Alignment system for feeding table



Maximum Reliability

The undisputed best option for straightening your metal sheet, it flattens any corrugation avoiding material waste.

- ✓ High-precision STRAIGHTENING
- ✓ Frame STRENGTH and RIGIDITY
- ✓ Backup Rolls for MAXIMUM TOLERANCES