



4HEP

4-Roll Plate Roll with Planetary Guides Design

Bending power and high repeatability
for medium and thick plates

PLATE THICKNESS

To over
150 mm
6 in

PLATE WIDTH

To over
12.000 mm
40 ft

Applications



WIND
TOWERS &
FOUNDATIONS



PRESSURE
VESSELS



SILOS &
STORAGE
TANKS



ROAD/
RAILWAY
TANKERS



METAL
FABRICATION



METAL
STRUCTURES



HVAC



EARTH
MOVING
EQUIPMENT



SHIPBUILDING



AIRCRAFT &
AEROSPACE

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Bending power and high repeatability
for medium and thick plates

The 4HEP 4-roll plate bending machine with advanced planetary technology combines **bending power, high reliability and repeatability** that makes it the state-of-the-art in modern plate rolls.

To guarantee superior rolling quality and high repeatability of the products roundness, a closed loop structure together with the traditional ultra-wide drop end ensures maximum rigidity of the machine against high longitudinal and transversal forces.

The **innovative exclusive HFS system**, standard on all medium and large sizes, ensures a greater closeness of the bending force application points, resulting in **superior quality pre-bending and rolling**.

The 4HEP is designed for medium and thick plates from **32 to over 150 mm (1 ¼ in. to 6 in.)** thicknesses covering plate width up to over **12000 mm (40 ft)**. The entire engineering and manufacturing process is managed in-house and subject to strict controls.

Key benefits

- *Closer distance between the bending points for better quality pre-bending*
- *Sturdy and over-dimensioned structure for maximum reliability*
- *Electronic balancing system of the rolls for maximum precision*
- *High productivity combined with superior rolling quality*
- *Lubrication for maximum reliability and reduced maintenance*
- *Superior automation capabilities*
- *Simple, one-person operation*

Features & Accessories

Ergonomic console
with wireless control system

New Siemens CNC
PGS-Absolute

EyeBend - laser-based
plate radius measurement system

PSG planetary guides
for side rolls movement

Centralised lubrication

Side motorised rolls

EPS electronic synchronisation
of roll parallelism

Cooling system

Top and tiltable side supports
with clamping unit

Automatic and motorized
feeding table

Automatic loading
and unloading systems

Automatic ejector

Provision for hot rolling

Integration with welding system

RSM – cloud-based
Remote Service Management



FACCIN

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