



4HEL

4-Roll Plate Roll with Linear Guides Design

Superior productivity and automation
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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The Faccin 4HEL model brings innovation to plate bending technology with its **high productivity, automation, repeatability, and user-friendly interface.**

This advanced 4-roll with linear guides boosts productivity for metal cans, cones, and complex shapes, operating at **double the speed of traditional pyramidal bending rolls.** Its **superior pre-bending capability** comes from the minimal distance between bending points, while an exclusive bearing housing design optimizes load absorption.

The 4HEL can bend medium to thick plates ranging from **500 to over 12,000 mm (20 in. – 40 ft) in width** and **10 to over 150 mm (0.40 in. – 6 in.) in thickness.** The entire engineering and manufacturing process is managed internally and subjected to strict controls.

Key benefits

- *Simultaneous rolls movement and micro positioning for higher productivity and precision*
- *Electronic balancing system of the rolls for maximum precision*
- *Increased speed fast roll movements for increased productivity*
- *Sturdy and over-dimensioned structure for maximum reliability*
- *Centralized lubrication for maximum reliability and reduced maintenance*
- *Exclusive advanced hydraulic system for low energy consumption*
- *Superior automation capabilities*
- *Machine ready for future upgrades*
- *Ideal solution for customized requests*
- *Simple, one-person operation*

Features & Accessories

Ergonomic console
with wireless control system

New Siemens CNC
PGS-Absolute

EyeBend - laser-based
plate radius measurement system

Simultaneous
machine movements

Rolls micro-positioning

Linear guides movement
of the side rolls

Top and tiltable side supports

Automatic feeding tables
with centering devices

Third and fourth motorized roll

Automatic loading
and unloading systems

Automatic ejector

RSM – cloud-based
Remote Service Management



FACCIN

is a brand of the Faccin Group

Via dell'Industria, 19 - 25010 Visano (BS) - Italy
Tel: +39 030 67 29 300 - info@faccingroup.com

www.faccingroup.com

