

## 3-Roll Plate Rolling Machine for Pipeline Production



Faccin has many years of experience in the design and manufacturing of special machines for the production of pipes. To meet specific production requirements in the industry, the company offers HAV-2P, a series of high-performance pipe mill bending rolls able to support the production of pipes delivering productivity, repeatability and automation of the entire process.

These pipe production bending rolls are constructed with extremely sturdy electro-welded structures and are fitted with three rolls in thermally treated steel alloys.

The rolls of the special HAV-2P bending rolls are moved independently – the top roll moves vertically, the lower rolls move horizontally – and allow the power of the machine to be fully exploited, depending on the various thicknesses to be rolled.

To offer high performance in the production of long pipes with relatively small diameters the lower rolls of the HAV-2P bending rolls are supported by backups for their entire length. The top roll is preloaded to compensate for the flexion during plate bending and may be replaced quickly to extend the range of diameters and thicknesses that can be obtained by rolling.

*High Output  
Rate*



HAV-2P bending rolls are designed for rolling plates up to 45 mm thick, ideal for producing pipes up to over 18 m long, complying with certain technical specifications and roundness tolerances and offering a high-quality finished product complying with API standards.

Faccin is available to design and produce customised solutions that are able to effectively meet the needs of our Customers.

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### Standard equipment

- ✓ Variable geometry with 3 mobile rolls
- ✓ Linear guides for roll translation (RGS)
- ✓ Hardened and polished rolls
- ✓ Electronic balancing system (EPS)
- ✓ Rolls made of forged alloy steel
- ✓ Mobile wheel mounted control console
- ✓ Centralised lubrication system
- ✓ Siemens numerical control unit
- ✓ Emergency barrier around the machine
- ✓ CE certified machine

### Optional features

- ✓ Automatic loading and unloading systems
- ✓ Motorised feeding table
- ✓ Automatic ejector
- ✓ HTRP rolling package
- ✓ Servoloading system for top roll quick change
- ✓ Additional bending tool with supporting beam
- ✓ Hydraulic positioning of lateral rolls
- ✓ Pre-bending Head – Post-bending Unit
- ✓ Interchangeable tools for Pre-bending/Post-bending
- ✓ Interchangeable top rolls



*Increase your production capacity with*

## *Faccin's Postbending Unit*

