



Productivity and Precision

## 2 Rolls Plate Bending Machine with Urethane Roll

The **HCU** version **2-roll bending roll** designed, built and marketed by Faccin features a special construction system combined with a solid oversized structure which assures **absolute precision and reliability**, greater simplicity of the plate rolling process and maximum quality of the rolled product.

Every bending roll of Faccin's HCU series is configured with **urethane roll** which, by exerting dynamic pressure, **speeds up the plate forming process**, assuring the best tolerances and greatly simplifying the prebending-rolling-prebending sequences typical of 3-roll or 4-roll bending rolls.

Furthermore, the exclusive hydro-mechanical roll lifting system (GHS) **assures positioning repeatability** and constant working pressures.

Faccin's HCU series **bending rolls with automation** assure achieving precise tolerances with very fast processing times.

Therefore they are the ideal solution for rolling medium and large batches of tubes with thickness up to 5mm and width up to 2 metres, achieving bending diameters of less than 80mm.

The standard HCU machine can guarantee output levels of 180-200 pieces/hour while the special version HCU/S reaches output levels in excess of 300 pieces/hour.

Also, the HCU Standard bending roll version is a fully automatic machine and therefore does not require any manpower. Faccin's HCU 2-roll bending roll models are the best choice for anyone seeking high speed rolling machines able to assure **high productivity and maximum precision in forming**.

## Standard equipment

- ❑ Lower roll in urethane for perfect prebending
- ❑ Automatic processing cycle (5-20 sec)
- ❑ Centralized Lubrication
- ❑ Special lower roll lifting system
- ❑ Standard roll for minimum diameter
- ❑ Siemens Numerical Control for automatic cycle control
- ❑ Automatic release opening
- ❑ Lubrication circuit
- ❑ Emergency barrier around the machine
- ❑ CE certified machine

## Optional Features

- ❑ Different sized spindle pipes
- ❑ Spindle pipe support
- ❑ Central support
- ❑ Automatic working pressure adjustment
- ❑ Interchangeable rolls
- ❑ Automatic sheet loader
- ❑ Automatic feeding and centering tables
- ❑ Programmable back gauges
- ❑ Automatic cylinder ejector
- ❑ Automatic welding systems
- ❑ Unloading station and conveyors



Model/Size	200x2	300x1	550x3	550x4	550x5	670x3	1050x2	1050x3	1550x4	2050x5
Plate Width mm	200	300	550	550	550	670	1050	1050	1500	2000
Prebending Mild Steel mm	2	1,5	3	4	5	3	2	3	4	5
Prebending Stainless Steel mm	1,5	1	2,5	3	3,5	2,5	1,5	2,5	3	4
Rolling Power Hp	4	4	4	5,5	7,5	7,5	5,5	7,5	10	20

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