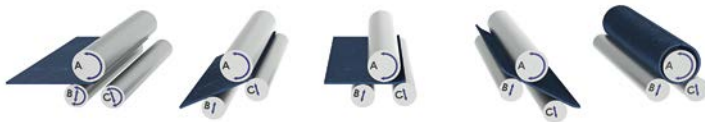


## 3-Roll Double Pinch Bending Roll with Linear Guides

*Precision and Reliability*



Precise, reliable, and powerful, the 3HEL series represents the latest evolution of the traditional 3-roll double pinch bending roll. Stemming from Faccin's long experience in manufacturing bending machinery, the range is designed to meet the needs of the metal fabrication sector in terms of sturdiness, ease of use and versatility.

3HEL is the series of highly powerful, pyramidal linear guide bending rolls capable of assuring superior results with no power losses. In 3HEL models all 3 rolls are motorised with independent hydraulic gear motors directly coupled on the shafts of the rolls, a major advantage that assures the superiority of these bending rolls by torque and rotational speed.

A standard feature of all 3HEL models designed and built by Faccin is the RGS side guide configuration; it minimizes the distance between the points of application of the forces at play, assuring superior rolling quality and optimised machine performance.

The pyramidal bending rolls are also equipped with an MCS multi bearing system able to improve their reliability and versatility.

Thanks to this system, each lower roll is fitted with 4 independent bearings that increase the load absorption capacity and aid side roll tilting when rolling cones.

The MCS system also features, within the linear guides, large roll supports with a lubrication system able to effectively prevent wear of the bending roll.

The 3-roll bending rolls of the 3HEL series are suitable to bend plates with length from 1500 to 4000 mm and thicknesses between 3 and 300 mm.

For added versatility of use, it is possible to extend the roll shafts for fitting profile bending or tube bending rings.

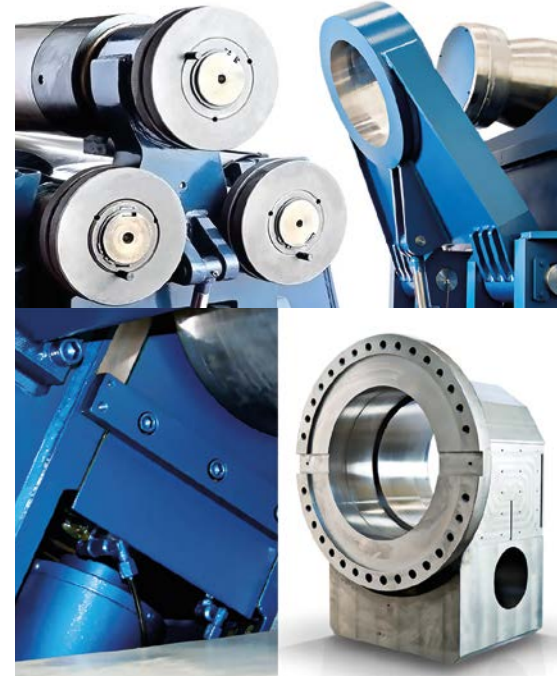
## 3-Roll Double Pinch Bending Roll with Linear Guides

### Standard equipment

- Linear guides for roll movement (RGS)
- 4 independent bearings supporting the lower rolls (MCS)
- Bearing seats with double width (WHS)
- Electronic synchronisation of roll parallelism (EPS)
- Induction hardened and polished rolls
- Digital readouts for roll position
- 3 independent motor-driven rolls
- Mobile wheel mounted control console
- Conical device
- Centralised manual lubrication (pump)
- Emergency barrier around the machine
- CE certified machine

### Optional features

- Profile section bending rings
- Numerical controls
- Version with vertical rolls
- Version with corrugated rolls
- Central and side supports
- Machine ready for hot rolling
- Version with planetary guides (3HEP)
- Special colours



Capacity (mm)	Rolls length (mm)	Rolling mild steel (mm)	Pre-bending mild steel (mm)	Rolling stainless steel (mm)	Pre-bending stainless steel (mm)	Minimum Top roll (mm)	Dimension (m)
1500x8	1550	8	6	7	5	150	3,1x0,9x1,2
1500x12	1550	12	8	10	7	185	3,2x1x1,2
1500x15	1550	15	11	13	10	215	3,4x1x1,2
2000x12	2050	12	8	10	7	215	3,9x1x1,2
2000x16	2050	16	14	14	12	265	4,3x1,3x1,5
2000x20	2050	20	16	17	14	285	4,3x1,5x1,5
2500x8	2550	8	6	7	5	215	4,5x1,4x1,5
2500x14	2550	14	11	12	10	265	4,8x1,4x1,5
2500x16	2550	16	13	14	11	285	4,8x1,5x1,5
2500x25	2550	25	20	22	17	340	5x1,6x1,8
3000x7	3050	7	5	6	4	215	5x1,4x1,5
3000x12	3050	12	8	10	7	265	5,2x1,4x1,5
3000x14	3050	14	11	12	10	285	5,3x1,5x1,5
3000x16	3050	16	13	14	11	315	5,4x1,5x1,6
3000x20	3050	20	15	17	13	340	5,5x1,6x1,8

• Special sizes and capacities available upon request. Please send us your inquiries.

• Data can be changed without prior notice in consideration of continuing technological improvements.