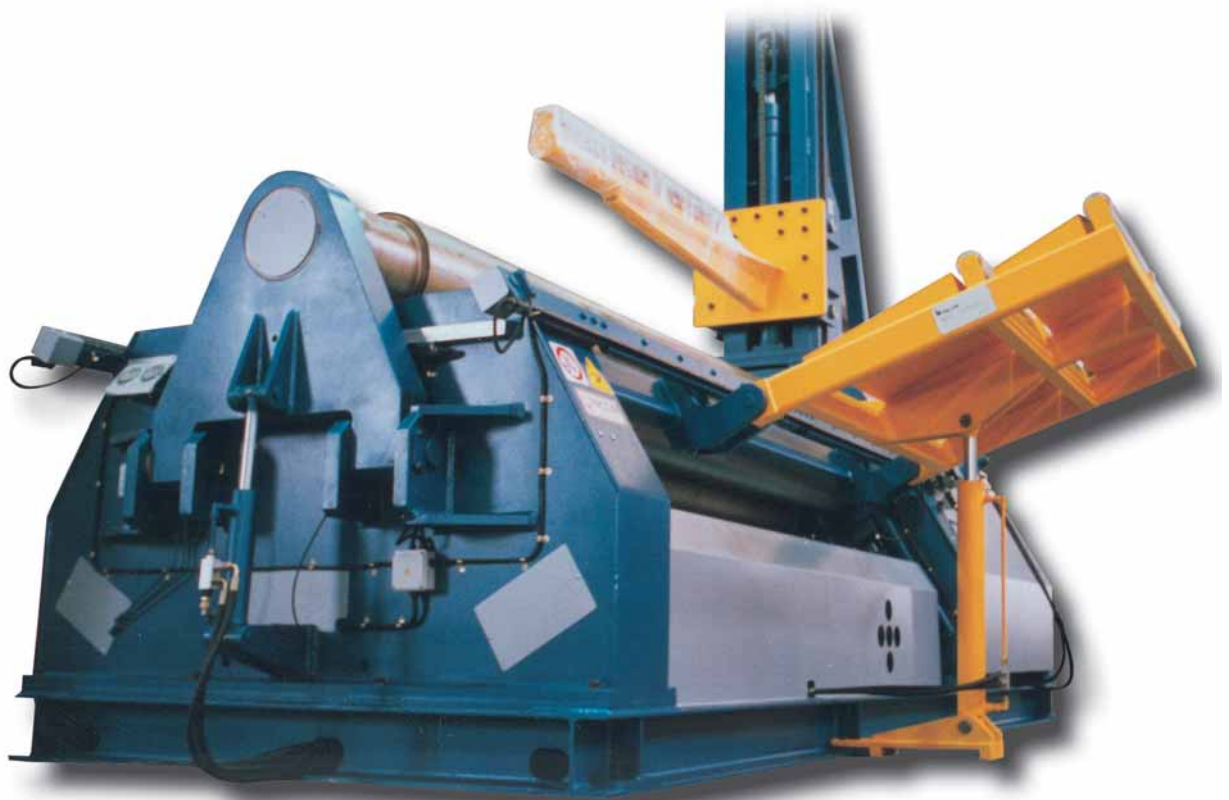
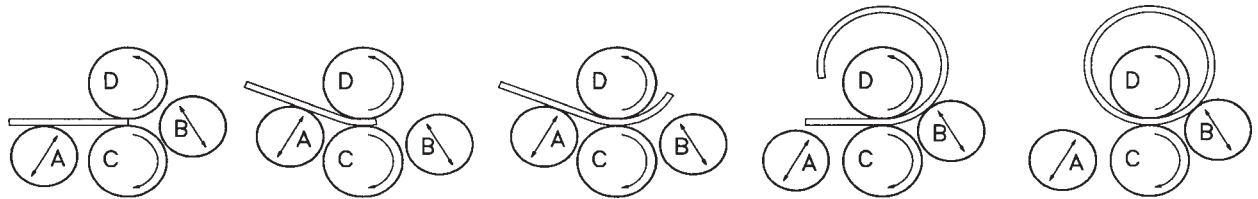


4HEL

by Faccin

4 Roll Synchronized Plate Bending Rolls



4HEL DESIGN: STATE OF THE ART IN ROLLING TECHNOLOGY!

- Four roll plate bending rolls are considered as the **most versatile, precise and easy to use plate roll**.
- **The rear lateral roll, opposite to the feeding side**, can be used as a back gauge for immediate plate squaring, resulting in very easy plate alignment and **“one man operation”**.
- **After the plate is squared**, it is always securely clamped between the top and bottom central pinch rolls, therefore prebending and rolling operations **are safe and precise without the risk of the plate slipping**.
- The pre bending operation does not require the plate to tilt below the feeding level (as with traditional 3 roll machines), therefore **horizontal motorized roller tables** can be used to further improve the introduction of the plate between the rolls.
- The cylinder can be rolled to the diameter needed, immediately after the pre bending the leading edge. This means that the machine **needs less valuable workshop space**, as an are for plate feeding is on one side of the machine only. (See diag. at top of this page.)
- The bending of the trailing edge is carried out after the cylinder is rolled. Basically, cylinders can be rolled in one pass, **in one direction**.
- **Cone rolling** is much easier, the side rolls are tilted to determine the cone angle and the central lower roll can also be tilted to clamp and drive the plate.
- Because of the guaranteed clamping and driving of the plate during all the phases of the rolling process, The four roll machine is the only plate rolling technology that can be controlled effectively **through NC and CNC systems**.
- **The perfect machine for plate up to 6 ins thickness.**



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4 Roll Synchronized Plate Bending Rolls

STANDARD CONFIGURATION:

- Linear Slides for roll movement (RGS);
- 4 Bearings supporting bending rolls (MCS);
- Ultra-wide bearing housings (WHS);
- Electronic Balancing System (EPS);
- Rolls surface polished;
- Hydraulically tilt able top roll;
- Control console moveable on wheels;
- Permanent Lubrification system;
- Hydraulic protection from overloads;
- Safety Guard cable around the machine;
- Machine CE certified for its safety;

4 Roll Synchronized Plate Bending Rolls

UPON REQUEST:

- Induction hardened rolls;
- Digital readouts for roll positioning;
- Cone bending attachment;
- Automated loading and unloading systems;
- Motorizes roller feed tables;
- Automatic ejector;
- Side and Top plate supports;
- Numerical Controls for rolling automation;
- Machines designed for rolling hot plates;
- Integrated welding booms;
- Special colours;

4 Roll Synchronized Plate Bending Rolls



Model/Size	Plate Ins	Rolling 5xD	Prebending 5xD	Prebending 1,4xD	Top Roll Min. ins	Pinch Roll Min. ins	Side Rolls Min. ins	Rolling Power Hp	Weight lbs	Dimensions f
4HEL 201	80	.25	.19	.125	6.3	6.0	5.1	7	5500	13x4x4
4HEL 202	80	.375	.25	.2	8.3	7.0	6.3	12,5	9900	15.3x4.3x4.3
4HEL 251	100	.19	.25	.12	6.3	6.0	5.1	7	6380	15.3x4x4
4HEL 252	100	.31	.25	.125	8.3	7.0	6.3	12,5	11000	16x4.3x4.3
4HEL 253	100	.55	.375	.31	10.6	10.0	7.5	15	16940	17.7x4.5x4.5
4HEL 254	100	.78	.55	.5	12.6	12.0	9.0	25	22000	18.3x6x6
4HEL 301	120	.25	.19	.12	8.3	7.0	6.3	12,5	11000	18.3x4.3x4.3
4HEL 302	120	.5	.31	.2	10.6	10.0	7.5	15	17600	18.7x4.5x4.5
4HEL 303	120	.625	.5	.375	12.6	12.0	9.0	25	26400	19x6x6
4HEL 304	120	1.0	.78	.625	14.6	14.0	10.0	30	37400	20x7.5x7.5
4HEL 305	120	1.125	1.0	.78	15.8	15.4	11.4	40	46200	20.3x8x8
4HEL 306	120	1.375	1.125	.25	17.0	16.5	12.6	50	59400	21x8x8
4HEL 307	120	1.5	1.375	1.125	18.1	17.3	14.1	60	66000	23.7x8x8
4HEL 308	120	2.125	1.75	1.5	20.5	19,3	16.5	80	92400	25x9.3x9.3
4HEL 309	120	2.75	2.375	2.0	24.8	24.5	21.3	130	129800	27x11x11
4HEL 310	120	3.35	3.0	2.5	28.8	28.0	24.4	150	149600	28.7x12x12
4HEL 401	156	.25	.18	.12	10.6	10.0	7.5	15	20900	23x4.5x4.5
4HEL 402	156	.375	.31	.2	12.6	12.0	9.0	25	30800	22.3x6x6
4HEL 403	156	.625	.5	.375	14.6	14.0	10.0	30	39600	23x7x7.5
4HEL 404	156	.7	.625	.5	15.8	15.4	11.4	40	49500	24x8x8
4HEL 405	156	.875	.7	.625	17.0	16.5	12.6	50	68200	24x8x8
4HEL 406	156	1.0	.875	.7	18.1	17.3	14.1	60	79200	27.3x8.5x8.5

LARGER, SMALLER, INTERMEDIATE SIZES AND SPECIAL VERSION ARE AVAILABLE BUT NOT LISTED. PLEASE SEND US YOUR DETAILED ENQUIRIES.



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