

ASI

by Faccin

3 Roll Initial Pinch Plate Bending Rolls

STANDARD CONFIGURATION:

- Two powered rolls;
- Rolls surface polished;
- Motorised prebending and rolling;
- Metric scales for rolls positioning;
- Tilttable bending roll;
- Extended shafts for profiles rolling
- Movable foot pedal controls;
- Lubrication circuit;
- Emergency stop button ;
- Safety Guard cable;
- Machine CE certified for its safety;

UPON REQUEST:

- Induction hardened rolls;
- Digital readouts for roll positioning;
- Cone bending attachment;
- Special colours;
- Profile bending dies;
- Numerical Controls;
- Vertical roll versions;
- Corrugated roll versions;



| Model/Size | Plate Width" | Rolling 5xD" | Prebend 5xD" | Prebend 1,3xD" | Rolls Diameter" | Power Hp | Weight lbs | Dimensions " |
|------------|--------------|--------------|--------------|----------------|-----------------|----------|------------|--------------|
| ASI/M 1513 | 60 | .23 | .19 | .15 | 5.1 | 5 | 2255 | 95x24x43 |
| ASI/M 1515 | 60 | .27 | .23 | .19 | 6.0 | 7 | 3080 | 80x28x48 |
| ASI/M 1517 | 60 | .35 | .31 | .23 | 6.7 | 9 | 3586 | 100x36x52 |
| ASI/M 2013 | 80 | .15 | .11 | .10 | 5.1 | 5 | 2640 | 120x24x43 |
| ASI/M 2015 | 80 | .19 | .15 | .11 | 6.0 | 7 | 3586 | 100x28x52 |
| ASI/M 2017 | 80 | .27 | .23 | .19 | 6.7 | 9 | 4224 | 120x36x52 |
| ASI/M 2513 | 100 | .11 | .07 | .05 | 5.1 | 5 | 3025 | 134x24x43 |
| ASI/M 2515 | 100 | .15 | .11 | .07 | 6.0 | 7 | 4092 | 134x28x48 |
| ASI/M 2517 | 100 | .23 | .15 | .11 | 6.7 | 9 | 4884 | 138x36x52 |

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DP3

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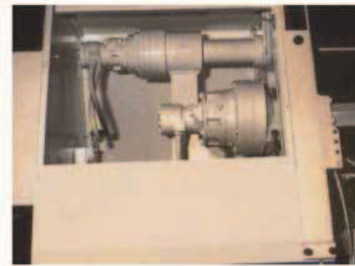
3 Roll Double Pinch Plate Bending Rolls

STANDARD CONFIGURATION:

- Linear slides for roll movement;
- Ultra wide roll supports;
- 4 independent bearings on bending rolls
- Three independently driven rolls;
- Full hydraulic power;
- Metric scales for rolls positioning;
- Front swing console with handle;
- Lubrication circuit;
- Emergency stop button;
- Safety Guard cable;

UPON REQUEST:

- Induction hardened rolls;
- Rolls surface polishing;
- Digital readouts for rolls positioning;
- Cone bending attachment;
- Special colours;
- Profile bending dies;
- Top and Side Plate supports;
- Vertical rolls versions;
- Corrugated rolls versions;



Roll Drive System



Shaft Extension



Series Production



Profile Rolling



Cone Rolling

| Model/Size | Plate ft | Rolling 5xD | Prebend 5xD | Prebend 1,4xD | Top Roll (in) | Side Rolls (in) | Power (Hp) | Weight lbs | Dimensions ft |
|------------|-------------|----------------|----------------|------------------|------------------|--------------------|---------------|---------------|------------------|
| 3DP 1521 | 5' | 5/8" | 1/2" | 3/8" | 8.46" | 7.68" | 10 | 6.400 | 10.5x3.3x3.6 |
| 3DP 1526 | 5' | 7/8" | 5/8" | 1/2" | 10.43" | 9.64" | 15 | 9.800 | 12.9x4.0x5.6 |
| 3DP 1528 | 5' | 1" | 7/8" | 5/8" | 11.22" | 10.43" | 20 | 11.000 | 13.1x3.9x5.6 |
| 3DP 2021 | 6,5' | 1/2" | 3/8" | 1/4" | 8.46" | 7.68" | 10 | 6.600 | 12.2x3.3x3.6 |
| 3DP 2026 | 6,5' | 3/4" | 1/2" | 3/8" | 10.43" | 9.64" | 15 | 11.000 | 14.2x4.0x5.6 |
| 3DP 2028 | 6,5' | 7/8" | 5/8" | 1/2" | 11.22" | 10.43" | 20 | 13.200 | 14.8x3.9x5.6 |
| 3DP 2521 | 8,4' | 3/8" | 5/8" | 3/16" | 8.46" | 7.68" | 10 | 8.600 | 13.8x3.3x3.6 |
| 3DP 2526 | 8,4' | 5/8" | 5/8" | 3/8" | 10.43" | 9.64" | 15 | 12.900 | 16.4x4.0x5.6 |
| 3DP 2528 | 8,4' | 3/4" | 5/8" | 1/2" | 11.22" | 10.43" | 20 | 15.400 | 16.9x3.9x5.6 |
| 3DP 2534 | 8,4' | 7/8" | 5/8" | 5/8" | 13.38" | 12.40" | 25 | 23.900 | 15.7x5.2x5.9 |
| 3DP 3121 | 10' | 3/4" | 3/16" | 1/8" | 8.46" | 7.68" | 10 | 8.900 | 15.4x3.3x3.6 |
| 3DP 3126 | 10' | 1/2" | 3/8" | 1/4" | 10.43" | 9.64" | 12.5 | 14.900 | 18.0x4.0x5.6 |
| 3DP 3128 | 10' | 5/8" | 5/8" | 3/8" | 11.22" | 10.43" | 15 | 16.500 | 18.5x3.9x5.6 |
| 3DP 3132 | 10' | 3/4" | 5/8" | 1/2" | 12.60" | 11.81" | 20 | 22.800 | 17.0x5.2x5.9 |
| 3DP 3134 | 10' | 7/8" | 5/8" | 5/8" | 13.38" | 12.40" | 25 | 25.900 | 17.2x5.2x5.9 |

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HAV

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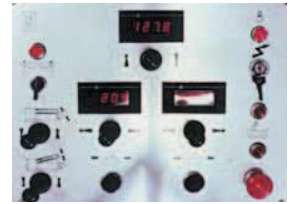
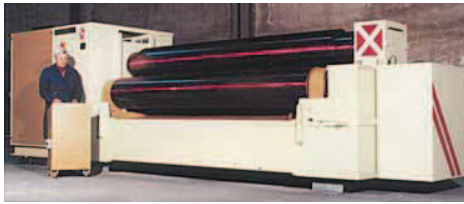
Variable Geometry Plate Rolls

UPON REQUEST:

- Induction hardened rolls;
- Digital readouts for rolls positioning;
- Cone bending attachment;
- Motorized rollers feed tables;
- Automatic ejectors;
- Side and Top plate supports;
- Numerical Controls for rolling automation;
- Machines designed for hot rolling;
- Special colours;

STANDARD CONFIGURATION:

- Variable geometry with three moveable rolls;
- Linear Slides for roll movement (no pivots);
- Rolls surface polished;
- EPS Electronic Balancing System;
- Special Braking System for optimal prebending;
- Control console moveable on wheels;
- Permanent Lubrication system;
- Hydraulic protection from overloads;
- Safety Guard cable around the machine ;
- Machine CE certified for safety;



| Model/Size | Plate ft | Rolling 5xD | Rolling 1,4xD | Prebend 1,4xD | Top Roll Min. Ins | Lower Rolls Min. Ins | Rolling Power Hp | Weight lbs | Dimensions f |
|------------|-------------|----------------|------------------|------------------|----------------------|-------------------------|---------------------|---------------|-----------------|
| HAV 251 | 8' | 1-5/8 | 1 | 3/4 | 13-3/8 | 12-1/2 | 50 | 39600 | 18'x8'x6,5' |
| HAV 252 | 8' | 2-1/8 | 1-5/8 | 1-3/16 | 16-1/8 | 14-7/8 | 75 | 52800 | 20'x9'x8' |
| HAV 253 | 8' | 3 | 2-3/16 | 2 | 19-5/8 | 17-5/8 | 100 | 92400 | 21'x10'x8,5' |
| HAV 254 | 8' | 4 | 3 | 2-1/8 | 23-5/8 | 21-1/4 | 150 | 165000 | 22'x11'x9' |
| HAV 255 | 8' | 6 | 3-1/2 | 3 | 28-5/16 | 24-3/4 | 200 | 178200 | 24'x13'x11' |
| HAV 256 | 8' | 7 | 4-1/2 | 3-12 | 31-1/2 | 27-3/8 | 250 | 233200 | 28'x16'x13' |
| HAV 311 | 10' | 1-3/8 | 3/4 | 5/8 | 13-1/2 | 12-1/2 | 40 | 44000 | 20'x8'x6,5' |
| HAV 312 | 10' | 1-3/4 | 1-3/16 | 7/8 | 16-1/2 | 14-7/8 | 60 | 57200 | 22'x9'x8' |
| HAV 313 | 10' | 2-3/8 | 2-3/16 | 1-1/2 | 20 | 17-5/8 | 85 | 99000 | 23'x10'x8,5' |
| HAV 314 | 10' | 3-1/2 | 2-3/4 | 2 | 24-3/8 | 21-1/4 | 130 | 171600 | 24'x11'x9' |
| HAV 315 | 10' | 5-1/8 | 3-1/2 | 2-3/4 | 28-5/8 | 24-3/4 | 180 | 187000 | 26'x13'x11' |
| HAV 316 | 10' | 6 | 4-5/16 | 3-3/16 | 31-7/8 | 27-3/8 | 220 | 253000 | 30'x16'x13' |
| HAV 401 | 13' | 1 | 5/8 | 3/8 | 14-3/16 | 12-1/2 | 40 | 50600 | 22'x8'x6,5' |
| HAV 402 | 13' | 1-3/8 | 3/4 | 5/8 | 16-7/8 | 14-7/8 | 60 | 63800 | 24'x9'x8' |
| HAV 403 | 13' | 1-3/4 | 1-3/16 | 1 | 20-3/4 | 17-5/8 | 85 | 112200 | 25'x10'x8,5' |
| HAV 404 | 13' | 2-3/4 | 2 | 1-5/8 | 25-3/16 | 21-1/4 | 130 | 187000 | 26'x11'x9' |
| HAV 405 | 13' | 3-1/2 | 2-3/8 | 2 | 29-1/2 | 24-3/4 | 180 | 204600 | 28'x13'x11' |
| HAV 406 | 13' | 4 | 2-3/4 | 2-3/8 | 33-7/8 | 27-3/8 | 220 | 275000 | 32'x16'x13' |

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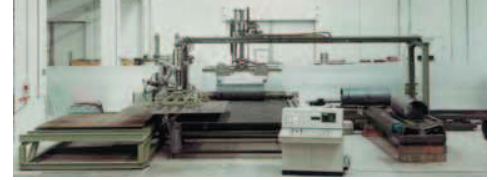
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4HEL

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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 |

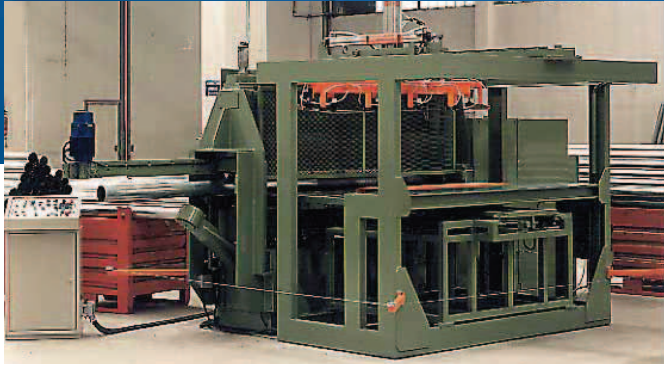
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HCU

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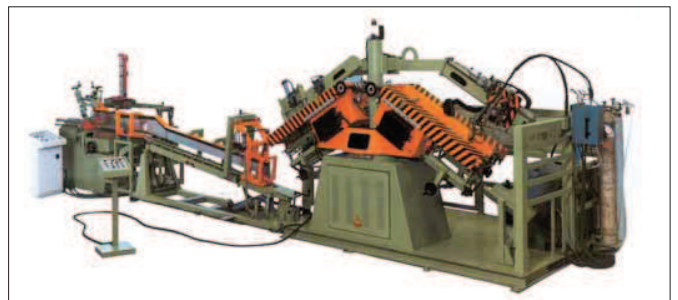
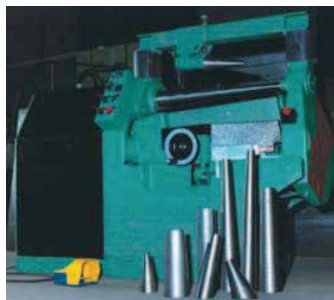
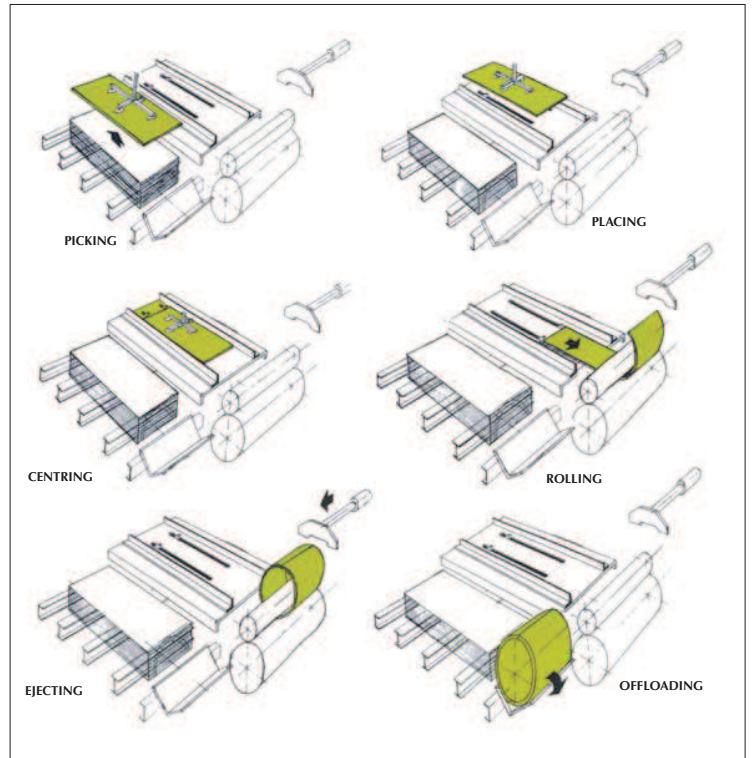
2 Rolls (Urethane) Fast Plate Rolls

STANDARD CONFIGURATION:

- Urethane Lower Roll for perfect prebending;
- Automatic rolling cycle (approx 20 sec/pc);
- Special lifting system for the bending roll;
- Top roll for the smallest diameter;
- Movable foot pedal control for cycle start;
- Automatic drop end opening;
- Lubrication circuit;
- Emergency stop button;
- Safety Guard cable around the machine;
- Machine CE certified for its safety;

UPON REQUEST:

- Different size Mandrels;
- Mandrel Supports;
- Support for rolled cylinder;
- Automatic Pressure Adjustment;
- Digital display for roll compression;
- Interchangeable rolls;
- Automatic plate lifter and loader;
- Automatic feed Tables;
- Programmable back gauges;
- Automatic shell ejector;
- Unloading tables;
- Auto-Welding Systems;



| Model/Size | 200x2 | 300x1 | 550x3 | 550x4 | 550x5 | 670x3 | 1050x2 | 1050x3 | 1550x4 | 2050x5 |
|----------------------------------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| Plate Width (Ins) | 8,0 | 12 | 20 | 20 | 20 | 24 | 40 | 40 | 60 | 78 |
| Prebending Mild Steel (ins) | 0,08 | 0,06 | 0,12 | 0,16 | 0,20 | 0,12 | 0,08 | 0,12 | 0,16 | 0,20 |
| Prebending Stainless Steel (ins) | 0,06 | 0,04 | 0,10 | 0,12 | 0,16 | 0,10 | 0,06 | 0,10 | 0,12 | 0,16 |
| Rolling Power (HP) | 4 | 4 | 4 | 5,5 | 7,5 | 7,5 | 5,5 | 7,5 | 10 | 20 |

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