



# ALL **PRODUCT** CATALOG

SHEET METAL  
PROCESSING  
MACHINES



MTECNICO™ MACHINERY has more than 35 years of experience in high-quality machine manufacturing and is one of the well-known companies for metal fabrication machinery on the North American and Japanese market. In addition that MTECNICO™ MACHINERY a global company who export to more than 30 countries with subsidiaries and sales partners.

Our target is to supply the best solution for long term cooperation with our partners with all around the world. Customers worldwide trusts on MTECNICO™ MACHINERY-from small workshops to huge industrial corporations.

**“Our main profit is customer satisfaction”**

MTECNICO™ MACHINERY consulting team consists of longtime experienced sales engineers from the metalworking industry who will help you to find the perfect machine and the best solution for your business. As well, A highly qualified and professional service team ensures that we can support quickly to solve our customers' request.

MTECNICO™ MACHINERY offers always the suitable solution for every customer accordingly budget, expectaion, future plans.

On all MTECNICO™ MACHINERY's production, uses worlds the best CNC metal machining centers as likes as well-known Mazak, Okuma, DMG Mori, SORALUCE for continuous precision and high quality.

**“I would rather lose money than trust”**

-Robert Bosch

MTECNICO™ MACHINERY accepts this philosophy as the compass in its own business.

With best regards.

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# HYDRAULIC NC CONTROLLED COMPACT PRESSBRAKES

EB 1230 NC



## STANDARD FEATURES

- Welded Steel Plate Frames
- Double Piston Upper Table
- Sensetive Motorized Angle Setup
- Motorized NC Controlled Backgauge
- Promecam attached universal Upper Die
- Single Piece 4 Angle included Lower Die
- Safety Foot Pedal Controlled
- CE Standards included
- Front Support Arms with Lineal Sliders



## OPTIONAL EQUIPMENTS

- Specail Dies
- Quick Tool Changers
- T Slots for Front Arms
- Custom Length backgauge
- Custom Throath Depth

Model		EB 830 NC	EB 1230 NC	EB 1540 NC	EB 2160 NC	EB 2690 NC	EB 31135 NC
Bending Power	Ton	30	30	40	60	90	130
Working Length	mm	835	1250	1550	2100	2600	3150
Distance Between Frames	mm	600	1010	1260	1700	2100	2600
Stroke	mm	150	150	160	160	200	250
Throath Depth	mm	255	255	320	320	410	415
Idle Ram Speed	mm/s	90	90	90	90	95	100
Bending Speed	mm/s	10	10	10	10	10	10
Daylight	mm	265	265	380	380	450	500
Motor	kW	3	3	5,5	7,5	11	15
X Axis Motor	kW		0,55	0,75	0,75	0,75	0,75
Y Axis Motor	kW	0,18	0,18	0,37	0,37	0,37	0,37
R Axis Motor	kW	-	-	0,25	0,25	0,37	0,37
Backgauge	mm	500	500	600	600	600	600
Dimensions (mm)	L	1350	1760	1700	2350	2950	3500
	H	1375	1375	1600	1600	1750	1800
	W	2135	2135	2230	2230	2370	2500
Weight	kg.	1400	1700	2650	5450	5900	7300

\* Plate bending capacities are given for 24kg / mm<sup>2</sup> plate yielding strength.

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# HYDRAULIC NC CONTROLLED COMPACT PRESSBRAKES

EB 1540 NC



Double Piston Hydro-balance



Auto Angle Setup



Promecam Blade Installed



Automatic Backgauge



# H-FRAME PRESS

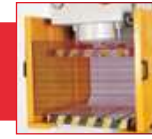
AT-S 1020-100



## OPTIONAL



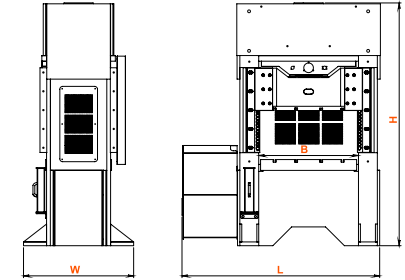
Sheet Cover For Protection



Light Curtain



Two Hand Control and Foot Pedal



Model		AT-S 1020-100	AT-S 1520-100	AT-S 1020-150	AT-S 1520-150
Press Power	kN	1000	1000	1500	1500
Max. Working Pressure	bar	263	197	244	240
Stroke	mm	300	300	300	300
Top-Bottom Table	mm	500	500	500	500
Advance Speed	mm/sec	8	10	9	10
Working Speed	mm/sec	5	7,5	5	4
Return Speed	mm/sec	10	12	10	16
Ram Dimension	mm	700x1020	700x1520	700x1020	700x1520
Bottom Table Dimension	mm	700x1020	700x1520	700x1020	700x1520
Bottom Table Hole Diameter	mm	100	100	100	100
Motor Power	kW	7,5	7,5	11	11
B - Working Area	mm	1020	1520	1020	1520
L - Length	mm	2050	2550	2050	2550
W - Width	mm	1170	1170	1170	1170
H - Height	mm	2725	2785	2725	2785
Weight	kg.	600	7800	6500	8000

## STANDARD FEATURES

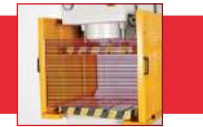
- High capacity H-frame press (1020 single, 1520 double piston)
- Steel construction welded frame
- Ram table with prismatic maintenance free slide system
- T-Slot ram and bottom table
- Manometer
- Sheet cover both sides for protection
- H-Frame stepless stroke adjustment
- Pressure, stepless adjustment
- Two hand control

# C-FRAME PRESS

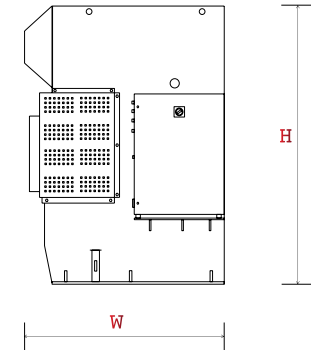
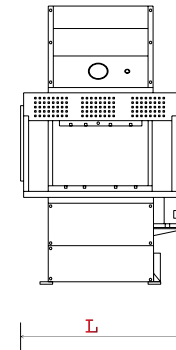
HCP 60



OPTIONAL



Light Curtain



Pressure Adjustment Valve



## STANDARD FEATURES

- Steel welded construction
- Working with two-hand control panel
- Top ram is equipped with 4 guide pistons

Model		HCP 30	HCP 60	HCP 100	HCP 150
Press Power	kN	300	600	1000	1500
Stroke	mm	200	250	300	300
Max. Working Pressure	bar	244	236	263	244
Advance Speed	mm/sec	54	26	17,5	10
Working Speed (At Max. Pressure)	mm/sec	18	8,5	5,5	3,5
Return Speed	mm/sec	90	47	37	22
Throat Depth	mm	400	450	500	500
Bottom Table Dimension	mm	450x700	500x750	600x1100	700x1100
Ram Dimension	mm	380x500	430x500	420x680	500x750
Center Distance	mm	200	250	260	260
Hone on Die Table	mm	80	100	120	120
Motor Power	kW	7,5	7,5	7,5	7,5
Pump-Flow	lt/min	40	40	40	40
Oil Tank	lt	150	200	300	340
L-Length	mm	1680	1820	1850	2300
W-Width	mm	850	960	1400	1400
H-Height	mm	2250	2400	2650	2750
Weight	kg.	2950	4000	5400	7700



# C-FRAME PRESS1

CFP 100



OPTIONAL

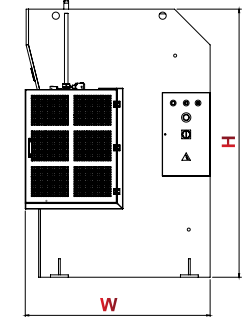
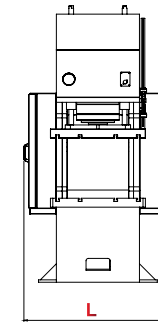


Light Curtain



## STANDARD FEATURES

- Easy to operate
- Steel construction welded frame
- Ability to stop any position
- Manometer
- Relief valve for overloading
- Stepless stroke adjustment
- T-slot top and bottom table
- Two guide piston both side
- Safety barrier
- Two hand control



Model		CFP 30	CFP 60	CFP 100
Press Power	kN	300	600	1000
Stroke	mm	400	400	400
Max. Working Pressure	bar	244	236	263
Advance Speed	mm/sec	28	30	23
Working Speed	mm/sec	5,5	6	5,5
Return Speed	mm/sec	23	47	27
Gap Depth	mm	880	880	650
Throat Depth	mm	650	650	420
Working Length	mm	700	700	800
Bottom Table Dimension	mm	600x700x45	600x700x45	530x800x75
Top Table Dimension	mm	350x700x45	350x700x45	350x800x45
Hole Diameter	mm	100	100	100
Motor Power	kW	3	7,5	11
Oil Tank	lt.	90	90	130
L-Length	mm	1150	1230	1250
W-Width	mm	1550	1570	1570
H-Height	mm	2200	2250	2250
Weight	kg.	2620	3350	5400





# GARAGE TYPE PRESS BRAKES

AP 1020-150



Adjustable Stroke



Pressure Adjustment Valve



5 Face Prism



Hardened Blade



Adjustable Bottom table

## OPTIONAL



Two Hand Control and Foot Pedal



Manual Back Gauge 750mm or 1000mm

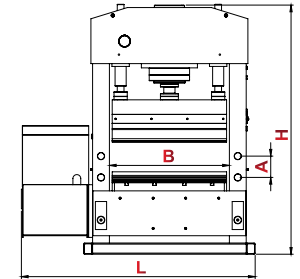
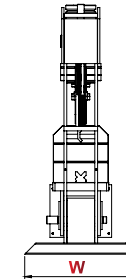


Specific Blade and Prism



## STANDARD FEATURES

- Hardened blades
- Steel construction welded frame
- 5-face prism
- Bottom table with T-Slot
- Stepless stroke adjustment
- Manometer
- Adjustable bottom table
- Table up-down movement attachment
- Adjustable pressure valve
- Adequate workspace for large sheets
- Two hand control



Model		AP 1020-100	AP 1520-100	AP 1020-150	AP 1520-150
Press Power	kN	1000	1000	1500	1500
Max. Working Pressure	bar	263	263	244	244
Stroke	mm	300	300	300	300
Top-Bottom Table Distance	mm	680	680	610	610
Bending Capacity	mm	6	6	10	10
Advance Speed	mm/sec	9	9	27	9
Working Speed	mm/sec	5	5	5	5
Return Speed	mm/sec	10	10	10	10
Table Dimension	mm	500x1020	500x1020	600x1020	600x1520
Bottom Table Hole Diameter	mm	100	100	100	100
Motor Power	kW	7,5	7,5	11	11
A-Hole Distance	mm	190	190	190	190
B-Working Area	mm	1020	1520	1020	1520
L-Length	mm	2110	2630	2110	2630
W-Width	mm	1000	1000	1000	1000
H-Height	mm	2275	2275	2450	2450
Weight	kg.	2082	2740	2576	3270

# MOBILE PISTON MOTORIZED

DPM-K 1570-150

## OPTIONAL



Foot Pedal



Hand Pump



Digital Stroke Read out



Limit Switch



Ball Bearing Mobile Piston



V-Blocks



Adjustable Bottom Table



Manometer



Piston Movement Lock System

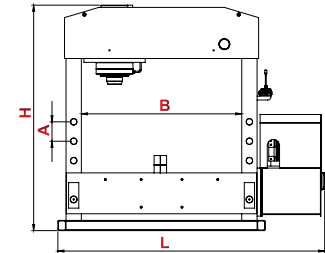
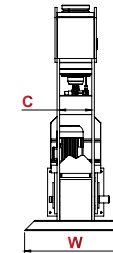


Dual Speed Joystick



## STANDARD FEATURES

- Easy to operate
- Steel construction welded frame
- Ability to stop any position
- Manometer
- Relief valve for overloading
- Dual speed joystick control
- Adjustable bottom tables
- Table up-down movement attachment
- A pair of V-blocks
- Ball bearing mobile piston



Model		DPM-K 775-30	DPM-K 1040-60	DPM-K 1040-80	DPM-K 1070-100	DPM-K 1570-100	DPM-K 1070-150	DPM-K 1570-150
Press Power	kN	300	600	800	1000	1000	1500	1500
Max. Working Pressure	bar	244	236	255	263	263	244	244
Stroke	mm	200	250	250	300	300	300	300
Diameter of Piston Arm	mm	125x80	180x120	200x120	220x160	220x160	280x200	280x200
Advance Speed	mm/sec	7	9,5	9,5	8,7	8,7	9,5	9,5
Working Speed	mm/sec	3	4,5	4,5	4,5	4,5	5	5
Return Speed	mm/sec	5	7	7	9,5	9,7	9,7	9,7
Motor Power	kW	3	4	4	5,5	5,5	11	11
A-Hole Distance	mm	165	165	165	190	190	190	190
B-Working Area	mm	775	1040	1040	1070	1570	1070	1570
C-Depth	mm	190	260	260	315	315	360	360
L-Length	mm	1500	1710	1810	2110	2630	2110	2630
W-Width	mm	700	700	750	1000	1000	1000	1000
H-Height	mm	1800	2100	2100	2430	2430	2480	2480
Weight	kg.	400	800	835	1500	1600	1870	2100



# 3 AXIS MOVING STRAIGHTENING PRESSES

DKS 400



OPTIONAL



Optional Side tank application



## STANDARD FEATURES

- Steel welded frame
- Pendant style control panel
- X-Y-X axis movement motorized by a gear
  - For straightening large plater and profiles, beams, round steel
- Pressure monometer
  - Very easy to operate
  - Stop at any position you want

Model		DKS 200   2550	DKS 300   2550	DKS 400   2550
Press Power	kN	2000	3000	4000
Max. Working Pressure	bar	283	295	289
Stroke	mm	300	300	300
Diameter of piston arm	Ø mm	300	360	420
Advance Speed	mm/sec	15	16	12
Working Speed	mm/sec	5	5	4
Motor Power	kW	15	22	22
Weight	kg.	14150	17160	21000

All technical specifications are subject to change without notice.

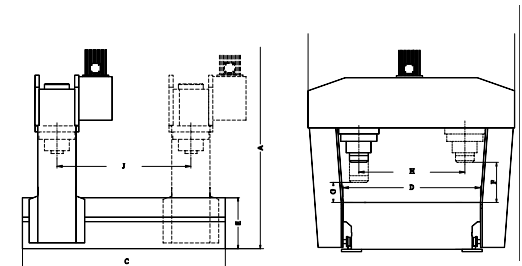


## OPTIONAL EQUIPMENTS

- Optional table
- Remote control
- Digital read-out for cylinder stroke

### Machine Dimensions

Model		A	B	C	D	E	F	G	H	J
DKS 200x2550	200 Ton	3000	4000	3000	2550	760	550	250	2000	2000
DKS 300x2550	300 Ton	3000	4000	3000	2550	760	480	180	2000	3000
DKS 400x2550	400 Ton	3000	4000	3000	2550	760	480	180	1700	2800



# HYDRAULIC HORIZONTAL PRESSES

HP-40



## STANDARD



V-Pressbrake Punch & Die included as standard

## STANDARD



Readable Stroke Adjustment

## STANDARD



Speed Adjustment Valve

## OPTIONAL



Optional pipe bending attachments and tools

Model		HP-40	HP-22
Workbench dimensions	mm	620x1050	625x1100
Table height	mm	930	920
Operating pressure	ton	40	22
Max. operating pressure	bar	250	220
Motor power	kW	1,5	1,5
Mobile Ram Forward-Back Speed	mm/min.	1750/2000	1750/2000
Mobile and fixed pins height	lt.	120	120
Mobile Ram Stroke	mm	250	200
Noise level	db.	70	70
Hydraulic oil tank capacity	lt.	70	45
Machine dimensions LxWxH	mm	1150x700x950	1100x630x925
Weight	kg.	920	635



# MECHANICAL GUILLOTINE SHEAR

**LRGM 2050-4**



BRL NC Control



Finger Protection

## OPTIONAL



Motorized  
750mm or 1000mm  
NC Back Gauge



Light Curtain



0-180 Angular Cutting



Pneumatic Sheet  
Support

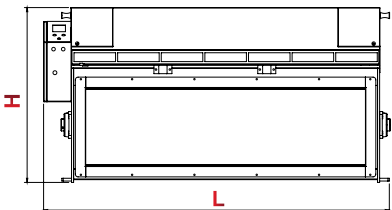
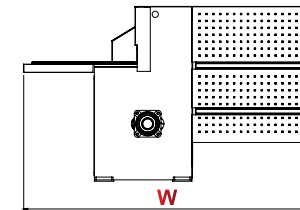


Ball-bearing  
Front Table



## STANDARD FEATURES

- Steel construction welded frame
- Two sided hardened blades
- Motorized 750mm NC back gauge
- Hold down system avoiding sheet sliding during operation
- Front support arms for long sheet cutting with ruler
- Finger protection
- Led lighting on cutting line
- Foot pedal control



Foot Pedal  
Control



Front  
Support Arms

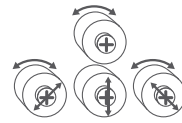


Blade Gap  
Adjustment

Model		LRGM 2550-2	LRGM 3050-2	LRGM 1350-3	LRGM 1550-3	LRGM 2050-3	LRGM 2050-4	LRGM 2550-4	LRGM 3050-4
Cutting Capacity	mm	2	2	3	3	3	4	4	4
Cutting Length	mm	2550	3050	1350	1550	2050	2050	2550	3050
Stroke Per Minute	-	35	35	35	35	35	41	41	41
Table Width	mm	390	390	390	390	390	455	455	455
Back Gauge Length	mm	750	750	750	750	750	750	750	750
Back Gauge Motor Power	kW	0,75	0,75	0,75	0,75	0,75	0,75	0,75	0,75
Motor Power	kW	4	4	3	3	4	7,5	7,5	7,5
L-Length	mm	3200	3700	1930	2150	2700	2700	3200	3700
W-Width	mm	2150	2150	2150	2150	2150	2150	2150	2150
H-Height	mm	1310	1310	1310	1310	1310	1450	1450	1450
Weight	kg.	1960	2210	1260	1550	1760	3010	3510	4010

# HYDRAULIC HEAVY DUTY 4 ROLLS PLATE ROLLING MACHINES

4R HSS 30-620



WIND TOWER, SHIPYARD, PIPELINE INDUSTRIES



METER  
SERIES





## STANDARD FEATURES

- Very suitable for medium and heavy plates or stainless steel bending
- Ferrules in full circle, elliptical or varying radiuses can be done easily
- Pinch roll and lateral rolls move pyramidal linear with hydraulic pistons
- Overload Protection
- Top Roll and Lateral Rolls are powered by hydromotor and planetary gearbox (3 roll driven system)
- Three digital readouts for easy roll positioning
- Hydraulic tiltable Drop-End for easy removal of finished ferrule
- Easy operation with mobile control panel
- Welded steel frames
- SAE 1050 (CK 45-50) forged or hot rolled, induction hardened and polished steel rolls
- Conical bending device
- Central lubrication system
- Hydraulic balancing system (Ø280-320-350-380-400-460)
- Electronic balancing system (Ø500-550-580-620-680)
- Automatical central lubrication system (Ø500-550-580-620 -680)
- Double speed working system
- Linear guide system. Pistons use all power for bending material.



## OPTIONAL FEATURES

- Automation with NC and CNC control
- Overhead crane for large diameters
- Hydraulic lateral side supports for large 3 diameters
- Hydraulic plate ejector
- Ground rolls for special jobs
- Infinitely variable speed system
- Electronical balancing system for pallel movement of the rolls (Ø280-320-350-380-400-460)
- Optional Accumulator System for rotating the

## OPTIONAL EJECTOR ARM. SPEEDS UP THE PRODUCTION.



# CAPACITY TABLE

Model		4R HSS 20-280	4R HSS 20-320	4R HSS 20-350	4R HSS 20-380	4R HSS 20-400	4R HSS 20-460	4R HSS 20-500	4R HSS 20-550
Usefull Length	mm	2050	2050	2050	2050	2050	2050	2050	2050
Min. Diameter =top roll Øx5 times	mm	20	25	30	40	45	50	55	60
Min. Diameter =top roll Øx1.5 times	mm	16	20	25	30	35	40	45	50
Min. Diameter =top roll Øx5 times	mm	16	20	25	30	35	40	45	50
Min. Diameter =top roll Øx1.5 times	mm	12	16	20	25	30	35	40	45
Central rolls Ø	mm	280	320	350	380	400	460	500	550
Side Rolls Ø	mm	220	240	260	300	300	380	400	450
Motor power	kW	16,5	20	23,5	31,5	38,5	38,5	60	66
Working speed	m/ min.	1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1-4	1-4
Machine dimensions (mm)	L	4350	4350	4350	4850	4850	4850	5550	5700
	W	1700	1800	1900	2250	2250	2300	2800	2900
	H	1850	1950	1950	2350	2350	2350	2900	2950
Weight	kg	8550	10500	11500	14650	16500	19800	33500	40000

4R HSS 25-280	4R HSS 25-320	4R HSS 25-350	4R HSS 25-380	4R HSS 25-400	4R HSS 25-460	4R HSS 25-500	4R HSS 25-550	4R HSS 30-280	4R HSS 30-320	4R HSS 30-350
2550	2550	2550	2550	2550	2550	2550	2550	3100	3100	3100
16	20	25	30	40	45	50	55	12	16	20
12	16	20	25	30	35	40	45	10	12	16
12	16	20	25	30	35	40	45	10	12	16
10	12	16	20	25	30	35	40	8	10	12
280	320	350	380	400	460	500	550	280	320	350
220	240	260	300	300	380	400	450	220	240	260
16,5	20	23,5	31,5	38,5	38,5	60	66	16,5	20	23,5
1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1-4	1-4	1,5-5	1,5-5	1,5-5
4850	4850	4850	5350	5350	5350	6050	6200	5350	5350	5350
1700	1800	1900	2250	2250	2300	2800	2900	1700	1800	1900
1850	1950	1950	2350	2350	2350	2900	2950	1850	1950	1950
9650	11600	12800	16720	17800	22400	36000	43500	10600	12750	14450

\* Capacities are given for 260 N/mm<sup>2</sup> plate yielding strength.



4R HSS 30-380	4R HSS 30-400	4R HSS 30-460	4R HSS 30-500	4R HSS 30-550	4R HSS 30-580	4R HSS 30-620	4R HSS 30-680
3100	3100	3100	3100	3100	3100	3100	3100
25	30	40	45	50	60	70	85
20	25	30	35	40	45	60	70
20	25	30	35	40	45	60	70
16	20	25	30	35	40	50	60
380	400	460	500	550	580	620	680
300	300	380	400	450	480	520	580
31,5	38,5	38,5	60	66	73	123	150
1,5-5	1,5-5	1,5-5	1-4	1-4	1-4	1-4	1-4
5850	5850	5850	6600	6750	6750	7200	7200
2250	2250	2300	2800	2900	2950	3250	3500
2350	2350	2350	2900	2950	2950	3250	3600
19200	22000	25100	38500	47000	50000	62000	82500

4R HSS 40-280	4R HSS 40-320	4R HSS 40-350	4R HSS 40-380	4R HSS 40-400	4R HSS 40-460	4R HSS 40-500	4R HSS 40-550
4100	4100	4100	4100	4100	4100	4100	4100
8	19	12	16	20	25	35	40
6	8	10	12	16	20	25	30
6	8	10	12	16	20	25	30
4	6	8	10	12	16	20	25
280	320	350	380	400	460	500	550
220	240	260	300	300	380	400	450
16,5	20	23,5	31,5	38,5	38,5	60	66
1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1,5-5	1-4	1-4
6450	6450	6450	6950	6950	6950	7600	7750
1700	1800	1900	2250	2250	2300	2800	2900
1850	1950	1950	2350	2350	2350	2900	2950
13000	14750	19000	22000	23500	29500	43500	54000

4R HSS 60-350	4R HSS 60-380	4R HSS 60-400	4R HSS 60-460	4R HSS 60-500	4R HSS 60-550	4R HSS 60-620
6100	6100	6100	6100	6100	6100	6100
8	10	13	15	20	25	30
6	8	10	12	16	20	25
6	8	10	12	16	20	25
4	6	8	10	12	16	20
350	380	400	460	500	550	620
260	300	300	380	400	450	520
23,5	31,5	38,5	38,5	60	66	123
1,5-5	1,5-5	1,5-5	1,5-5	1-4	1-4	1-4
8450	8950	8950	8950	9600	9750	10200
1900	2250	2250	2300	2550	2900	3250
1950	2350	2350	2350	2350	2900	3250
24000	28250	30000	40000	67500	70000	88500

\* All technical specifications are subject to change without notice.

# HYDRAULIC HEAVY DUTY 4 ROLLS PLATE ROLLING MACHINES

## 4R HMS 2050x275

Optional Overhead Crane and 2 pieces  
Hydraulic Side Supports



4R HMS 2050x275

**MTECNICO**  
metal fabrication machinery

OPTIONAL





## STANDARD FEATURES

- Very suitable for medium and heavy mild steel plates or stainless steel plate bending
- Ferrules in full circle or varying radiuses or conical shapes, elliptical shapes can be done easily
- Pinch roll and lateral rolls move up and down pyramidal linear with hydraulic pistons.
- Overload Protection
- Top Roll and Bottom roll are powered by hydromotor and planetary gearbox (2 central rolls motor driven system)
- Three digital readouts for easy roll positioning
- Hydraulic tiltable Drop-End and hydraulic upper tiltable roll for easy removal of finished ferrule
- Easy operation with mobile control panel with push buttons
- Welded steel frames
- Induction hardened forged SAE 1050 (CK 50) Steel rolls
- Conical bending device
- Hydraulic balancing system
- Double speed working system



## OPTIONAL EQUIPMENTS

- Automation with NC Control
- Hydraulic Overhead Crane for large diameters
- Hydraulic Lateral Side Supports for large diameters
- Ground and polished rolls
- Infinitely Variable Speed



Hydromotor+Planetary Reducer Driven



Hydraulic Linear Movement



Double Speed System



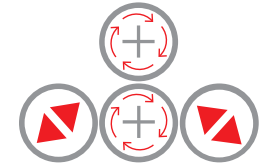
Induction hardened, polished rolls



Welded rigid frames



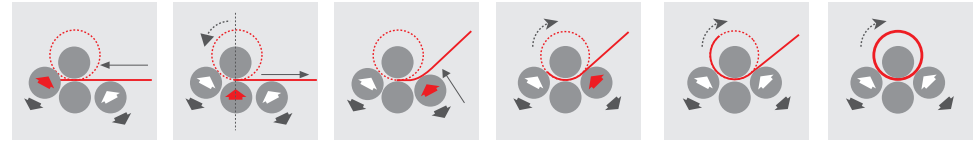
Hydraulic tilted top roll



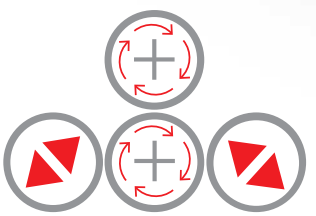
Model		4R HMS 2050x275	4R HMS 2550x275	4R HMS 3100x275
Usefull lenght	Ton	2050	2550	3100
Prebending Capacity	mm	12/15	10/12	8/10
Bending Capacity	mm	15/18	12/15	10/12
Top and Bottom Roll Dia	mm	275	275	275
Lateral Roll Dia	mm	220	220	220
Min. Bending Dia	mm/s	410/1375	410/1375	410/1375
Motor Power	mm/s	11+5,5	11+5,5	11+5,5
Working Speed	mm	1,5/5	1,5/5	1,5/5
Lenght	kW	4400	4900	5400
Width	kW	1600	1600	1600
Height	kW	1800	1800	1800
Weight	kW	7500	8500	9500

# MOTORIZED 4 ROLL PLATE ROLLING MACHINES

4RM 1550x130



20







## OPTIONAL EQUIPMENTS

- Digital ReadOuts (3pcs.)
- Induction hardened rolls
- Ground and polished rolls
- NC Control
- Adjustable Stepless Speed



Motorized Side Rolls



Standard Manual Drop-End

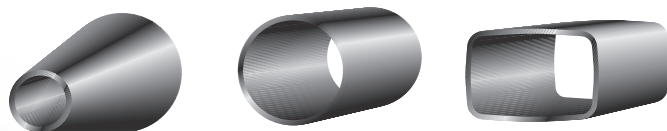


Motorized Bottom Roll System



## STANDARD FEATURES

- Very economical four roll machines
- Very suitable for light plates, aluminum or stainless steel
- Ferrules in full circle or varying radiuses can be done easily
- Pitch Roll and Lateral Rolls move with motor and screw jacks in linear movement
- Overload Protection
- Top and bottom roll is powered by electrical motor with gearbox
- Manual Drop End for easy removal of finished ferrule
- Easy operation with Mobile Control Panel
- Welded Steel frames
- Hot rolled SAE 1050 (CK 45) Steel Rolls
- Conical Bending device
- Built according to EC Safety Directives and has CE
- User's Manual



Model		4RM 10x130	4RM 12x130	4RM 15x130	4RM 20x130
Usefull length	mm	1050	1270	1550	2050
Prebending Capacity	mm (x1,5/5)	4/5	3/4	2,5/3,5	2/3
Bending Capacity	mm (x1,5/5)	5/6	4/5	3,5/4,5	3/4
Top and Bottom Roll Dia	mm	130	130	130	130
Lateral Roll Dia	mm	110	110	110	110
Min. Bending Dia	mm	195/650	195/650	195/650	195/650
Motor Power	kW	2,2+(3x0,75)	2,2+(3x0,75)	2,2+(3x0,75)	2,2+(3x0,75)
Working Speed	m/dak. m/min.	5	5	5	5
Length	mm	2500	2750	3000	3500
Width	mm	900	900	900	900
Height	mm	850	850	850	850
Weight	kg.	1300	1420	1550	1900

# HYDRAULIC 3 ROLL PLATE ROLLING MACHINES

## 3R HSS 30x350



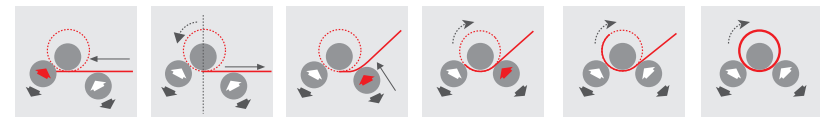
### STANDARD FEATURES

- Very suitable for medium and heavy plates, aluminum or stainless steel bending
- Ferrules in full circle or varying radiuses can be done easily
- Lateral rolls move linear way with hydraulic pistons
- Overload Protection
- Lateral rolls and top roll is powered by hydromotor and planetary gearbox (3 roll driven)
- Hydraulic Drop-End for easy removal of finished ferrule
- Easy operation with mobile control panel
- Two digital readouts for easy roll positioning of bottom rolls
- Welded steel frames
- Induction hardened forged or rolled SAE 1050 (CK 45) steel rolls
- Conical bending device with ball bearing
- Central lubrication system
- Hydraulic balancing system
- Double speed working system
- Extended roll shafts for profile and pipe bending operation



### OPTIONAL EQUIPMENTS

- Overhead crane for large diameters
- Hydraulic lateral side supports for large diameters
- Ground and polished rolls for special jobs
- Section-profile bending rolls set
- Adjustable Stepless Speed



Model		3R HSS 20x320	3R HSS 20x350	3R HSS 25x320	3R HSS 25x350	3R HSS 30x320	3R HSS 30x350
Usefull length	mm	2050	2050	2550	2550	3100	3100
Prebending Capacity	mm	16/20	20/25	13/16	16/20	10/13	13/16
Bending Capacity	mm	20/25	25/30	16/20	20/25	13/16	16/20
Top and Bottom Roll Dia	mm	320	350	320	350	320	350
Lateral Roll Dia	mm	300	330	300	330	300	330
Min. Bending Dia	mm	480/1600	525/1750	480/1600	525/1750	480/1600	525/1750
Motor Power	kW	22	22	22	22	22	22
Working Speed	m/dak. m/min.	1,5/5	1,5/5	1,5/5	1,5/5	1,5/5	1,5/5
Length	mm	4600	4600	5100	5100	5650	5650
Width	mm	1950	2000	1950	2000	1950	2000
Height	mm	1750	1750	1750	1750	1750	1750
Weight	kg.	9800	10600	10500	12000	11500	13000





### Focus on impact

We set clear, specific goals, and we deliver them. For this purpose, we equip our people with the best tools and equipment they need.



### Quality

We are aware that doing business is an action between people. We listen with full attention, empathize and reply in the fastest and most accurate way.



### Trustability

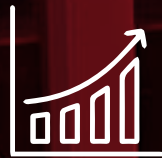
We respect people, we respect nature, we respect the past and the future.

### Professional Machinery Supplier



One of the World's leading machinery producer, sheet metal, pipe and profile fabrication solution provider since 35 years ago

### Global Sales Network



Along with the increasing rising of international market share, the international marketing network has also developed continuously.

### Awesome 7/24 Services



Providing pre-sale service and after-sale service with engineers available overseas, response in 24 hours

### Good Feedback



Our purpose is continuously customer satisfaction, satisfied customer is our main goal.

# HYDRAULIC 3 ROLL PLATE ROLLING MACHINES

MRM-H 3100x250



Hydraulic Drop-End

Standard Control Panel  
With Digital Readouts



## STANDARD FEATURES

- Stel Welded main Frames
- Hydraulic Drend
- Mobile Control Panel
- Motor Powered centralised Rolls
- Hydraulic movement of Back Roll and bottom roll
- Main motor with Brake System
- Conical Bending, PreBending available
- Planetary Gearbox two rolls driven
- Back Roll with Ball Bearings for thin sheet Works
- Built according to EC Safety Directives and has CE Mark
- SAE 1050 (CK45) certificated forget steel rolls with high tensile strength
- Hardened rolls
- 2 pcs. Digital Read-Outs
- User's manual

This hydraulic model is designed for light to medium jobs. It is used in jobs up to 10 mm thickness materials. It is used in Aluminium Bendings, Air Conditioning Channels, Advertising Panels and Machinery Sheet Metal Covers.



## OPTIONAL EQUIPMENTS

- Overhead crane for large diameters
- Hydraulic lateral side supports for large diameters
- Ground and polished rolls
- Wire grooves on roll ends
- NC Control
- Double Speed working
- Adjustable Stepless Speed
- Hydromotor Option



Motor+Planetary  
Reducer Driven



Hydraulic Linear  
Movement



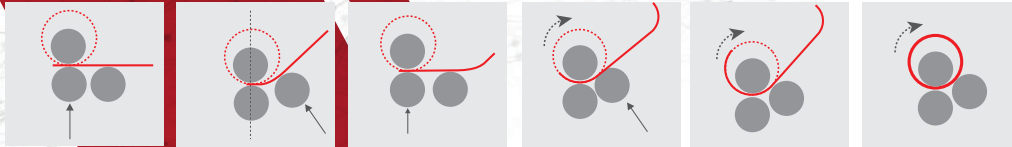
# TECHNICAL SPECIFICATIONS

Model		MRM-H 650x80	MRM-H 1050x80	MRM-H 1050x100	MRM-H 1050x130	MRM-H 1270x80	MRM-H 1270x100	MRM-H 1270x130	MRM-H 1270x150	MRM-H 1270x180	MRM-H 1270x200	MRM-H 1550x80	MRM-H 1550x100	MRM-H 1550x130	MRM-H 1550x150	MRM-H 1550x180	MRM-H 1550x200	MRM-H 1550x220	MRM-H 1550x250	MRM-H 2050x130	MRM-H 2050x150	MRM-H 2050x180	MRM-H 2050x200	MRM-H 2050x220	MRM-H 2050x250	MRM-H 2550x150	MRM-H 2550x180	MRM-H 2550x200	MRM-H 2550x220	MRM-H 2550x250	MRM-H 3100x180	MRM-H 3100x200	MRM-H 3100x220	MRM-H 3100x250
Usefull length	mm	650	1050	1050	1050	1270	1270	1270	1270	1270	1270	1550	1550	1550	1550	1550	1550	1550	1550	2050	2050	2050	2050	2050	2050	2550	2550	2550	2550	2550	3050	3050	3050	3050
Prebending Capacity	mm (x1.5/ x5)	2,5/3	1,5/2	2/2,5	2,5/3	1/1,5	1,5/2	3/4	4/5	5,5/7,5	8/10	0,5/1	1/1,5	2,5/3,5	3,5/4,5	5/7	3,5/4,5	8/10	10/12	2/3	3/4	4/6	6/8	7/9	8/10	2/3	3/4	4/6	5/7	6/8	2/3	3/4	4/6	5/7
Bending Capacity	mm (x1.5/ x5)	3/3,5	2/2,5	2,5/3	3/5	1,5/2	2/3	4/5	5/7	7,5/10	10/12	1/1,5	1,5/2	3,5/4,5	4,5/6,5	7/9	9/11	10/12	12/15	3/4	4/6	6/8	8/10	9/11	10/12	3/4	4/6	6/8	7/9	8/10	3/4	4/6	6/8	7/9
Top and Bottom Roll dia	mm	80	80	100	130	80	100	130	150	180	200	80	100	130	150	180	200	220	250	130	150	180	200	220	250	150	180	200	220	250	150	200	220	250
Lateral roll dia	mm	80	80	90	130	80	90	130	130	150	180	80	90	130	130	150	180	180	200	130	130	150	180	180	200	130	150	180	180	200	150	180	180	200
Min. bending dia	mm (x1.5/ x5)	120 / 400	120 / 400	150 / 500	195 / 650	120 / 400	150 / 450	195 / 650	225 / 750	270 / 900	300 / 1000	120 / 400	150 / 450	195 / 650	225 / 750	270 / 900	300 / 1000	330 / 1100	375 / 1250	195 / 650	225 / 750	270 / 900	300 / 1000	330 / 1100	375 / 1250	225 / 750	270 / 900	300 / 1000	330 / 1100	375 / 1250	270 / 900	300 / 1000	330 / 1100	375 / 1250
Motor Power	kW	1,1+1,1	1,1+1,1	1,1+0,75	2,2+1,1	1,1+1,1	1,1+1,1	2,2+1,1	2,2+1,1	4,0+1,1	4,0+1,5	1,1+1,1	1,1+1,1	2,2+1,1	2,2+1,1	4,0+1,1	4,0+1,5	5,5+1,5	7,5+1,5	2,2+1,1	2,2+1,1	4,0+1,1	4,0+1,5	5,5+1,5	7,5+1,5	2,2+1,1	4,0+1,1	4,0+1,5	5,5+1,5	7,5+1,5	4,0+1,1	4,0+1,5	5,5+1,5	7,5+1,5
Working Speed	m/ min.	5	5	6,5	5	5	6,5	5	6	5	6	5	6,5	5	6	5	6	5	5	5	5	6	6	5	5	6	5	6	5	5	5	5	5	5
Length	mm	1950	2350	2350	2350	2570	2570	3020	3020	3070	3070	2850	2850	3300	3300	3350	3350	3500	3500	3800	3800	3850	3850	4000	4000	4300	4350	4350	4500	4500	4850	4850	5000	5000
Width	mm	750	750	750	950	750	750	950	950	1100	1100	750	750	950	950	1100	1100	1200	1200	950	950	1100	1100	1200	1200	950	1100	1100	1200	1200	1100	1100	1200	1200
Height	mm	960	960	960	1110	960	960	1110	1110	1290	1290	960	960	1110	1110	1290	1290	1370	1370	1110	1110	1290	1290	1370	1370	1110	1290	1290	1370	1370	1290	1290	1370	1370
Weight	kg	800	920	1120	1720	950	1150	1750	1875	2100	2200	1100	1200	1850	2000	2310	2450	3250	3600	2050	2250	2690	2950	3750	4200	2500	3070	3450	4250	4800	3450	3950	4750	5400

\* Plate bending capacities are given for 24 kg/mm<sup>2</sup> plate yielding strength.

# MOTORIZED 3 ROLL PLATE ROLLING MACHINES

MRM-S 3200x190



## STANDARD FEATURES

- This mechanical model is designed for light to medium jobs. It is used in jobs up to 10 mm thickness materials. It is used in Aluminium Bendings, Air Condition Channels, Advertising Panels and Sheet Metal Covers.
- All models are planet reducer driven
- SAE 1050 (CK 45) Quality Certificated Steel Rolls with high tensile strength



## OPTIONAL EQUIPMENTS

- Digital Read-Out for Rear (back) Roll
- Induction Hardened Rolls
- Extended Roll Shafts for Profile and Pipe Bending operation
- Profile and Section Bending Rolls set
- Motorised bottom roll
- Plastic coated top roll for Alucobond bending
- Variable stepless speed
- NC Control

- Steel Welded Main Frames
- Mechanical manual openable dropend
- Mobile Control Panel
- Conical Bending Device
- Central lubrication system
- Top roll support system
- Precision Bending with Brake Motor
- Motorised Adhustment of Back Roll
- Built according to EC Safety Directives (Ce certificate)
- User's manual



Motor+Planetary  
Gearbox Driven



Linear Back Roll  
Movement



# TECHNICAL SPECIFICATIONS

Model		MRM-S 1050x130	MRM-S 1050x150	MRM-S 1050x170	MRM-S 1050x190	MRM-S 1550x130	MRM-S 1550x150	MRM-S 1550x170	MRM-S 1550x190	MRM-S 2050x130	MRM-S 2050x150	MRM-S 2050x170	MRM-S 2050x190	MRM-S 2550x150	MRM-S 2550x180	MRM-S 2550x190	MRM-S 2550x220	MRM-S 3050x160	MRM-S 3050x190	MRM-S 3050x200	MRM-S 3050x220
Usefull length	mm	1050	1050	1050	1050	1550	1550	1550	1550	2050	2050	2050	2050	2550	2550	2550	2550	3050	3050	3050	3050
Prebending Capacity	mm	5/6	6/7	7/8	8/9	4/5	5/6	6/7	7/8	2/3	3/4	4/5	5/6	2/3	3/4	4/5	5/6	1,5/2	2/3	3/4	4/5
Bending Capacity	mm	6/7	7/8	8/9	9/10	5/6	6/7	7/8	8/9	3/4	4/5	5/6	6/7	3/4	4/5	5/6	6/7	2/3	3/4	4/5	5/6
Top and Bottom Roll dia	mm	130	150	170	190	130	150	170	190	130	150	170	190	150	180	190	220	160	190	200	220
Min. bending dia	mm	195	225	225	285	195	225	255	285	195	225	255	285	225	270	285	330	240	285	300	330
Motor Power	kW	2,2	2,2	4	4	2,2	2,2	4	4	2,2	2,2	4	4	2,2	4	4	5,5	4	4	4	5,5
Back Roll Motor Power	kW	1,1	1,1	1,1	1,5	1,1	1,1	1,1	1,5	1,1	1,1	1,1	1,5	1,1	1,5	1,5	2,2	1,1	1,5	1,5	2,2
Length	mm	2750	2750	2850	3200	3250	3250	3350	3700	3750	3750	3850	4200	4250	4350	4700	4700	4850	5200	5200	5200
Width	mm	650	680	720	950	650	680	720	950	650	680	720	950	650	950	950	1150	720	950	950	1150
Height	mm	1020	1040	1050	1300	1020	1040	1050	1300	1020	1040	1050	1300	1020	1300	1300	1400	1050	1300	1300	1400
Weight	kg	1200	1450	1600	2450	1400	1650	1850	2750	1600	1885	2100	3100	2150	3050	3400	5000	2650	3750	4000	6000

\* Plate bending capacities are given for 24 kg/mm<sup>2</sup> plate yielding strength.

# MOTORIZED 3 ROLL PLATE ROLLING MACHINES

## IRM 2050x130



Optional control panel with digital readout



Standard manual dropend



This mechanical model is designed for light to medium jobs. It is used in jobs up to 5 mm thickness materials. It is used in Aluminium Bendings, Air Conditioning Channels, Advertising Panels and Sheet Metal Covers. Its ideal price makes it very attractive for small workshops.



## STANDARD FEATURES

- Two rolls powered by a single gearbox and gear system for top and bottom rolls
- SAE 1050 Quality certificated steel rolls with high tensile strength
- Spheroid Cast Iron Main Frames
- Mobile control panel by foot pedal
- Conical Bending Device
- Manual dropend
- Top roll support system
- Wire grooves at the end of the rolls
- Precision Bending with Brake Motor
- Built according to EC Safety Directives (CE certificate)
- Model IRM 2550x140 produced standard with motorised back roll
- User's Manual



## OPTIONAL EQUIPMENTS

- Motorised back roll adjustment
- Digital readout for rear roll
- Induction hardened rolls
- Adjustable Stepless Speed

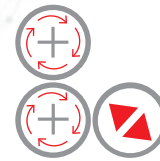
Model		IRM 1050x110	IRM 1050x130	IRM 1270x120	IRM 1270x140	IRM 1550x110	IRM 1550x140	IRM 2050x110	IRM 2050x130	IRM 2050x140	IRM 2550x140
Usefull length	mm	1050	1050	1270	1270	1550	1550	2050	2050	2050	2050
Prebending Capacity	mm	4	5	4	5	3	4	2	3	4	2,5
Roll Diameters	mm	110	130	120	140	110	140	110	130	140	140
Roll Speed	mm	3	3,5	3	3,5	3	3,5	3	3,5	3,5	3,5
Motor Power	mm	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2	2,2+0,75
Wire Grooves Dia.	kW	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13	4-7-9-13
Length	kW	2200	2200	2470	2470	2700	2700	3200	3200	3200	3700
Width	mm	750	750	750	750	750	750	750	750	750	750
Height	mm	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Weight	mm	990	1200	1115	1350	1200	1420	1380	1500	1650	1850

\* Plate bending capacities are given for 24 kg/mm<sup>2</sup> plate yielding strength.



# MOTORIZED 3 ROLL PLATE ROLLING MACHINES

RM 1270x90



## STANDARD FEATURES

- Top and bottom rolls powered by a single Gearbox and gear system (RM)
- SAE 1050 Quality Certificated Steel Rolls with high tensile strength
- Cast Iron Main Frames
- Mobile Control Panel by foot pedal on RM models
- Conical Bending Device
- Manual dropend
- Wire grooves at the end of the rolls
- Precision Bending with Brake Motor on RM models
- Built according to EC Safety Directives (CE)
- User's manual



## OPTIONAL EQUIPMENTS

- Motorised back roll adjustment
- Digital readout for rear roll
- Induction hardened rolls
- Optional variable speed system
- Optional full closed sheet covers (RS)



Standard Manual Dropend



Optional control panel with digital readout



Standard drop-end safety switch

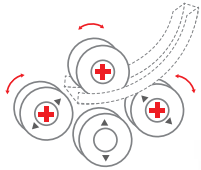
Model		RM 1050x90	RM 1270x90	RM 1550x90	RM 2050x95	RS 1050x90	RS 1270x90	RS 1550x90	RS 2050x95
Usefull length	mm	1050	1270	1550	2050	1050	1270	1550	2050
Bending Capacity	mm	3,0	2,5	2,0	1,5	3,0	2,5	2,0	1,5
Roll Diameters Ø	mm	90	90	90	95	90	90	90	95
Roll Speed	mm/min.	6	6	6	6	-	-	-	-
Motor Power	kW	1,1	1,1	1,5	1,5	-	-	-	-
Wire Grooves Dia.	Ø mm	4-6-9	4-6-9	4-6-9	4-6-9	4-6-9	4-6-9	4-6-9	4-6-9
Length	mm	1630	1850	2130	2630	2080	2300	2580	3080
Width	mm	700	700	700	700	700	700	700	700
Height	mm	1200	1200	1200	1200	1250	1250	1250	1250
Weight	kg.	480	520	580	715	410	450	560	650

\* Plate bending capacities are given for 24 kg/mm<sup>2</sup> plate yielding strength.

\* Model RS is manual by hand.

# HYDRAULIC 4 ROLL PROFILE AND PIPE BENDING MACHINE

## 4R HPK-110



On these both models Top Roll and Side Rolls are Hydromotor & Planetary reducer driven, Bottom Roll is Idle.

Model		4R-HPK 70	4R-HPK 90	4R-HPK 110
Shaft Diameter	mm	70	90	110
Rolls Diameter	mm	200	260	320
Shaft Length	mm	150	160	200
Bending speed	d/dk rpm	8	6	5
Nº of driven rolls	pcs.	2	3	3
Nº of side rolls axes	pcs.	1	3	3
Motor Power	kW	3+1,1	5,5	7,5
Machine Weight	kg.	1400	2800	4500
Machine Dimensions	mm	1200x1100x800	1700x1450x1200	2000x1700x1250



## STANDARD FEATURES

- Shorter Flat Parts on Edges
- More Accurate results for pipes and Aluminium profiles
- Wide Distance of Side Rolls and Consequently more capacity on bigger diameter bending
- More Accesories available depending on applications
- Less scrap material advantage by succesful prebending
- 4 Rolls Machine.
- Steel Welded Construction Frame.
- On 90 and 110mm Shaft Models 3 Rolls are driven by hydromotor + planetary reducers , on 70mm Shaft Model 2 Rolls are driven
- Hardened and ground shafts made of high tensile special steel.
- Standard Rolls (1 Set with 4 Rolls).
- Rolls are hardened and ground in the hole.
- Bottom and lateral rolls hydraulik movable up-down.
- Horizontal and Vertical Working Position.
- On 70mm Shaft model 1+1 axis Guide Rolls ,
- On 90 and 110mm Shaft models 3+3 axis Guide rolls
- Mobile Control Panel.
- User's Manual with EC Certification.



## OPTIONAL EQUIPMENTS

- Pipe / Tube bending rolls, Profile bending rolls, Angle bending rolls, NC control



Optional Hydraulic Stairway Attachment



Spiral stairway application



# CAPACITY TABLE

No	Profile Type	4R HPK 70		4R HPK 90		4R HPK 110		Notes
		Max-Min Profile Size	Min Dia.	Max-Min Profile Size	Min Dia.	Max-Min Profile Size	Min Dia.	
1		60x10   20x5	500   250	100x20   80x20   30x10	2000   800   300	100x20   30x10	800   400	Standard Rolls
2		80x20   50x5	500   250	125x25   60x5	600   300	200x30   160x35   80x5	1200   800   400	Standard Rolls
3		32x32   12x12	400   250	45x45   15x15	500   380	60x60   15x15	750   400	Standard Rolls
4		Ø35   Ø10	350   250	Ø50   Ø15	500   380	Ø75   Ø15	800   450	Optional Rolls
5		Ø60x2   Ø15x,15	600   200	Ø100x2,5   Ø15x1	1200   380	Ø125x2,5   Ø15x1	1400   450	Optional Rolls
6		Ø2"x3,91   Ø1- 2"x2,77	400   200	Ø3"x5,48   Ø2- 2"x2,77	800   380	Ø4"x6,0,2   Ø1- 2"x2,77	1000   450	Optional Rolls
7		50x25x3   20x15x2	250   250	80x25x3   25x15x2	800   350	100x40x4   25x15x2	1300   450	Optional Rolls
8		45x3   20x2	600   300	70x3   25x2	1300   400	80x5   25x2	1500   450	Optional Rolls
9		60x60x6   30x30x4	650   350	80x80x8   30x30x3	800   450	100x100x12   40x40x4	1000   700	Optional Rolls
10		50x50x5   30x30x4	550   350	70x70x7   30x30x3	700   450	100x100x10   40x40x4	1000   550	Optional Rolls
11		60x7   20x3	550   250	80x9   25x3,5	800   280	100x11   30x4	1000   400	Standard Rolls
12		50x6   20x3	500   250	70x8   25x3,5	800   280	90x10   30x4	1000   400	Standard Rolls
13		60x70   20x3	500   250	80x9   30x4	800   300	100x11   30x4	1000   400	Optional Rolls*
14		UPN 80   UPN 30	600   250	UPN 140   UPN 120 UPN 100	1600   900   600	UPN 180   UPN 30	900   400	Standard Rolls*
15		UPN 65   UPN 30	600   250	UPN 140   UPN 120 UPN 100	1600   1000   800	UPN 180   UPN 30	1000   400	Standard Rolls*
16		IPN 80	600	IPN 120   IPN 80	600   400	IPN 180   IPN 80	1000   400	Optional Rolls*

\* Special washer (spacer) can be necessary.

\* Capacities are given for 260 N/mm<sup>2</sup> plate yielding strength.

\* All technical specifications are subject to change without notice.

# HYDRAULIC 3 ROLL PROFILE AND PIPE BENDING MACHINE

## 3R HPK 160 DP NC



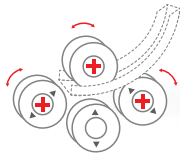
### STANDARD FEATURES

- Steel construction welded frame
- 3 Rolls powered by planetary gearbox with hydromotor (Each 3 rolls powered with planetary gearbox separately)
- Hardened and ground shafts made of high tensile special steel
- Hardened standard rolls
- Mobile control panel
- Only horizontal working position
- Two speed working system
- Digital Read-Out (2 pcs.)
- 3 Axis hydraulic lateral angle guide rolls
- Lateral rolls hydraulic movable up-down



### OPTIONAL EQUIPMENTS

- All kind of pipe, tube, profile rolls and HEB, IBN and UPN beam attachments are available upon request.
- Automation with NC Control

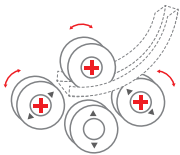


Model		3R HPK 160 DP NC	3R HPK 180 DP NC	3R HPK 200 DP NC	3R HPK 240 DP NC	3R HPK 300 DP NC	3R HPK 360 DP NC
Shaft Diameters	Ø mm	160	180	200	240	300	360
Rolls Diameter	Ø mm	480	580	580	620	760	800
Working Speed	m/min	3-6	3-6	2-5	2-4	2-4	2-4
Motor Power	kW	22	30	30	47	73	77
Length	mm	2500	2760	3000	3100	5000	5000
Width	mm	2200	2310	2310	2400	4250	4250
Height	mm	2300	2680	3100	3200	3750	3750
Weight	kg.	9300	14400	16500	19800	38500	55000

All technical specifications are subject to change without notice.

# HYDRAULIC 3 ROLL PROFILE AND PIPE BENDING MACHINE

3R HPK 100



## STANDARD FEATURES

- Easy operation with mobile control panel with push buttons
- Welded steel frames
- Built according to EC Safety Directives and has CE Mark
- 3 driving rolls
- Pyramid style design
- Bending capacity: pipe up to 6"; angle up to 100x100x12 mm (4"x4")
- Hydraulic adjustment of Top Bending roll
- Combination horizontal-vertical working position
- 1 pcs Digital Read-Out



## OPTIONAL EQUIPMENTS

- Automation with NC Control
- Optional Profile-Flat Bar Bending Rolls
- Digital Read-Out for Rear (back) Roll
- Special Roll Sets

Model		3R HPK 100
Shaft Diameter	mm	100
Rolls Diameter	mm	320
Shaft Length	mm	200
Bending speed	d/dk rpm	5
N° of motorized rolls	pcs.	3
N° of side rolls axes	pcs.	1
Motor Power	kW	7,5
Machine Weight, without optional	kg.	2300
Machine Dimensions	mm	1350x1400x1550



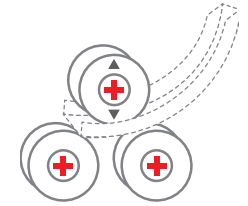
# HYDRAULIC 3 ROLL PROFILE AND PIPE BENDING MACHINE

3R HPK-60



## STANDARD FEATURES

- Steel welded construction frame
- 3 Rolls are motor driven
- Hardened shafts from special steel material
- Top roll hydraulic moveable up-down
- Horizontal and vertical working position
- Standard rolls
- Guide rolls
- Brake motor equipped for the precision bending
- Mobile control panel



All 3 Rolls are driven by hydromotor and planetary reducer

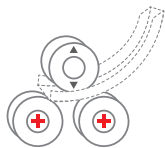
## OPTIONAL EQUIPMENTS

- Pipe / Tube bending rolls
- Profile bending rolls
- Angle bending rolls
- Digital Read-Out
- Optional lateral angle guides
- Optional stairway bending attachment
- NC control
- Derlin rolls for aluminium and stainless steel

Model		3R HPK 50	3R HPK 60
Shaft Diameter	Ø mm	60	60
Lower Rolls Diameter	Ø mm	162	215
Top Rolls Diameter	Ø mm	152	215
Hydraulic Power	ton	8	16
Working Speed	m/min.	4,5	4
Motor Power	kW	1,47	1,5
Dimensions (mm)	L	1000	1500
	W	750	900
	H	1600	1700
Weight	kg.	510	910

# HYDRAULIC 3 ROLL PROFILE AND PIPE BENDING MACHINE

3R HPK-45



Bottom 2 rolls driven,  
top roll is idle



## STANDARD FEATURES

- 2 driving rolls
- Pyramid style design
- Bending capacity; pipe up to 5"; angle up to 50x50
- Hydraulic adjustment of Top Bending roll
- Combination horizontal-vertical working position



## OPTIONAL EQUIPMENTS

- Digital readout for top roll
- Special roll sets fro Pipes-Profiles



Model	3R HPK 45	
Shaft Diameter	mm	50
Rolls Diameter	mm	155
Shaft Length	mm	----
Bending speed	d/dk rpm	----
Nº of motorized rolls	pcs.	----
Nº of side rolls axes	pcs.	----
Motor Power	kW	1,5+0,75
Machine Weight, without optional	kg.	430
Machine Dimensions	mm	900x1355x1450

# CAPACITY TABLE

No	Profile Type	3R HPK 40			3R HPK 45			3R HPK 50			3R HPK 60		
		Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes
1		35x8	300	Standard Rolls	50x102   5x5	500   250	Standard Rolls	60x10   20x10	600   300	Standard Rolls	80x20   40x10	1200   400	Standard Rolls
2		50x12	400	Standard Rolls	85x20   40x10	500   250	Standard Rolls	100x15   50x10	600   300	Standard Rolls	120x25   50x10	600   400	Standard Rolls
3		18x18	250	Standard Rolls	30x30   15x15	500   250	Standard Rolls	35x35   15x15	600   300	Standard Rolls	50x50   20x20	800   400	Standard Rolls
4		Ø22	200	Optional Rolls	Ø32   Ø15	500   250	Optional Rolls	Ø35   Ø20	600   300	Optional Rolls	Ø50   Ø20	800   400	Optional Rolls
5		Ø40x1,5	500	Optional Rolls	Ø70x1,5   Ø50x1,5	1200   800	Optional Rolls	Ø70x2   Ø25x1,5	1200   400	Optional Rolls	Ø100x2   Ø60x2	1600   500	Optional Rolls
6		Ø33,7x2,3	200	Optional Rolls	Ø2"x3,91   Ø1-2"x2,77	1200   800	Optional Rolls	Ø2"x2,9   Ø1/ 2"x2,3	1000   300	Optional Rolls	Ø3"x3,2   Ø1"x2,6	1600   500	Optional Rolls
7		30x15x2,5	500	Optional Rolls	60x40x2   40x20x2	700   250	Optional Rolls	50x3   20x2	1500   400	Optional Rolls	80x40x3   40x20x2	1400   500	Optional Rolls
8		25x25x2	450	Optional Rolls	50x50x6   25x25x3	800   300	Optional Rolls	50x50x6   30x30x3	1600   400	Optional Rolls	70x3   40x2	1600   500	Optional Rolls
9		35x35x5	400	Optional Rolls	50x50x6   25x25x3	500   250	Optional Rolls	50x50x6   30x30x3	600   400	Optional Rolls	70x70x7   40x40x5	1000   500	Optional Rolls
10		30x30x4	550	Optional Rolls	50x50x6   25x25x3	600   300	Optional Rolls	60x7   30x4	900   600	Optional Rolls	80x9   40x5	1200   600	Optional Rolls
11		30x30x5	300	Standard Rolls	50x50x6   25x25x3	600   250	Standard Rolls	60x7   30x4	600   400	Standard Rolls	80x9   40x5	1000   400	Standard Rolls
12		35x35x5	350	Standard Rolls	50x50x5   25x25x3	700   300	Standard Rolls	60x7   30x4	700   400	Standard Rolls	80x9   40x5	1200   500	Standard Rolls
13		35x35x5	300	Standard Rolls	65x42x5,5   30x15x4	800- 300	Standard Rolls	UPN 80   UPN 30	700   400	Standard Rolls	80x9   40x5	1000   400	Standard Rolls
14		UPN 40x20	350	Optional Rolls	----	----	Standard Rolls	UPN 80   UPN 30	800   400	Optional Rolls*	UPN 100   UPN 60	800   500	Optional Rolls*
15		UPN 35x18	500	Standard Rolls	----	----	Standard Rolls	UPN 80   UPN 30	1200   600	Standard Rolls*	UPN 100   UPN 60	1200   600	Standard Rolls*
16		----	----	----	----	----	----	----	----	----	----	----	----

\* Special washer (spacer) can be necessary.

\* Capacities are given for 260 N/mm<sup>2</sup> plate yielding strength.

\* All technical specifications are subject to change without notice.



No	Profile Type	3R HPK 65			3R HPK 80			3R HPK 100			3R HPK 120		
		Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes
1		60x10   20x5	500   250	Standard Rolls	100x20   80x20   30x10	2000   800   300	Standard Rolls	100x20   30x10	800   400	Standard Rolls	125x25   30x10	1200   500	Standard Rolls
2		80x20   50x5	500   250	Standard Rolls	125x25   60x5	600   300	Standard Rolls	200x30   160x35   80x5	1200   800   400	Standard Rolls	200x50   100x10	1000   500	Standard Rolls
3		32x32   12x12	400   250	Standard Rolls	45x45   15x15	500   380	Standard Rolls	60x60   15x15	750   400	Standard Rolls	65x65   20x20	750   500	Standard Rolls
4		Ø35   Ø10	350   250	Optional Rolls	Ø50   Ø15	500   380	Optional Rolls	Ø75   Ø15	800   450	Optional Rolls	Ø80   Ø20	850   500	Optional Rolls
5		Ø60x2   15x1,5	600   200	Optional Rolls	Ø100x2,5   Ø15x1	1200   380	Optional Rolls	Ø125x2,5   Ø15x1	1400   450	Optional Rolls	Ø160x4   Ø140x3   Ø50x2	2800   1500   500	Optional Rolls
6		Ø2"x3,91   Ø1/2"x2,77	400   200	Optional Rolls	Ø3"x5,48   Ø1/ 2"x2,77	800   380	Optional Rolls	Ø4"x4,5   Ø1/ 2"x2,77	1000   450	Optional Rolls	Ø5"x6,35   Ø3/4"x2,87	1500   500	Optional Rolls
7		50x25x3   20x15x2	450   250	Optional Rolls	80x25x3   25x15x2	800   350	Optional Rolls	100x40x4   25x15x2	1300   450	Optional Rolls	120x40x4   30x20x3	1800   500	Optional Rolls
8		45x3   20x2	600   300	Optional Rolls	70x3   25x2	1300   350	Optional Rolls	80x5   25x2	1500   450	Optional Rolls	90x5   30x3	1800   500	Optional Rolls
9		60x60x6   30x30x4	650   350	Optional Rolls	80x80x8   30x30x3	800   400	Optional Rolls	100x100x12   40x40x4	1000   700	Optional Rolls	120x120x12   40x40x4	1200   600	Optional Rolls
10		50x50x5   30x30x4	550   350	Optional Rolls	70x70x7   30x30x3	700   450	Optional Rolls	100x100x10   40x40x4	1500   550	Optional Rolls	100x100x10   40x40x4	1200   600	Optional Rolls
11		60x7   20x3	550   250	Standard Rolls	80x9   25x3,5	800   450	Standard Rolls	100x11   30x4	1000   400	Standard Rolls	100x11   30x4	800   500	Standard Rolls
12		50x6   20x3	500   250	Standard Rolls	70x8   25x3,5	800   280	Standard Rolls	90x10   30x4	1000   400	Standard Rolls	100x11   30x4	1000   500	Standard Rolls
13		60x70   20x3	500   250	Standard Rolls	80x9   30x4	800   280	Optional Rolls	100x11   30x4	1000   400	Optional Rolls*	100x11   30x4	800   500	Optional Rolls
14		UPN 80   UPN 30	600   250	Optional Rolls*	UPN 140   UPN 120   UPN 100	1600   900   800	Standard Rolls*	UPN 180   UPN 30	900   400	Standard Rolls*	UPN 220   UPN 180   UPN 40	1000   800   500	Standard Rolls*
15		UPN 65   UPN 30	600   250	Standard Rolls*	UPN 140   UPN 120   UPN 100	1600   1000   800	Standard Rolls*	UPN 180   UPN 30	1000   400	Standard Rolls*	UPN 220   UPN 180   UPN 40	1200   900   600	Standard Rolls*
16		IPN 80	600	Standard Rolls*	IPN 120   IPN 80	600   400	Standard Rolls*	IPN 180   IPN 80	1000   400	Standard Rolls*	IPN 220   IPN 80	1000   500	Standard Rolls*
17		----	----	----	----	----	----	HEA 120   HEB 100	1000   1200	Standard Rolls*	HEB 120   HEA 140	1200   1200	Standard Rolls*
18		----	----	----	----	----	----	----	----	----	UPN 120   UPN 50	10000   1000	Optional Rolls*
19		----	----	----	----	----	----	----	----	----	IPN 160   IPN 140   IPN 80	5000   4000   1200	Optional Rolls*
20		----	----	----	----	----	----	----	----	----	HEA 120   HEB 100	4500   600	Optional Rolls*

# MOTORIZED 3 ROLL PROFILE AND PIPE BENDING MACHINE

PK-35



## STANDARD FEATURES

- Steel frame
- Two bottom rolls powered by gear
- Top roll is idle ( free turning )
- Rolls are hardened
- Rolls shafts are special steel material hardened and ground
- Adjustable guide rolls, Horizontal and vertical working position
- Built according to EC Safety Directives and has CE Mark
- User's manual



Horizontal Working Position (Standard)



## CAPACITY TABLE

Model		PK 45	PK 35	PK 30
Shaft Diameter	Ø mm	50	50	30
Lover rolls diameters	Ø mm	155	155	148
Top rolls diameter	Ø mm	155	155	119
Working speed	m/min	4-5	4-5	2-4
Motor power	kW	1,5+0,75	1,5	0,7-0,85
LxWxH	mm	900x1355x1450	900x1355x1400	600x700x1350
Weight	kg.	430	400	215

No	Profile Type	PK 30			PK 35		
		Max. Sizes	Min Inner Dia. Ø	Notes	Max. Sizes	Min Inner Dia. Ø	Notes
1		50x10   20x6	180   300	Standard Rolls	60x10   40x10	500   400	Standard Rolls
2		80x15   30x6	700   400	Standard Rolls	100x15   60x10	450   350	Standard Rolls
3		30x30   10x10	900   200	Standard Rolls	35x35   20x20	900   300	Standard Rolls
4		Ø30   Ø10	900   200	Optional Rolls	Ø35   Ø30	600   400	Optional Rolls
5		Ø60x1,5   Ø25x1,5	1000   600	Optional Rolls	Ø70x2   Ø30x2	1000   500	Optional Rolls
6		Ø1 1/2"x2,9   1/4"x1,8	600   300	Optional Rolls	Ø2"x2,9   Ø1"x2,3	1000   350	Optional Rolls
7		50x30x3   40x20x2	1200   800	Optional Rolls	70x30x2   50x40x3	1200   1200	Optional Rolls
8		40x3   30x2	1200   800	Optional Rolls	50x3   40x3	1700   600	Optional Rolls
9		40x40x5   30x30x4	600   300	Optional Rolls	50x50x5   40x40x5	800   600	Optional Rolls
10		35x35x5   30x30x4	600   400	Optional Rolls	50x50x6   30x30x3	1000   500	Optional Rolls
11		50x6   20x3	600   400	Standard Rolls	60x7   30x4	700   400	Standard Rolls
12		50x6   20x3	600   400	Standard Rolls	60x7   30x4	800   500	Standard Rolls
13		50x6   20x3	600   400	Standard Rolls	60x7   30x4	700   500	Standard Rolls
14		----	----	----	UPN 80   UPN 30	1000   500	Optional Rolls*
15		----	----	----	UPN 80   UPN 30	1200   800	Standard Rolls*
16		----	----	----	----	----	----



## OPTIONAL EQUIPMENTS

- Pipe / Tube bending rolls
- Profile bending rolls
- Digital readout

# NON MANDREL PIPE AND TUBE BENDING

## SPB 60-N



### STANDARD FEATURES

- NC Control Screen with Memory enables professional and easy operation of the machine
- SPB 60 model has capability of bending up to  $\text{Ø}60\text{mm} \times 4\text{mm}$  pipe, SBP 76 model has capability of bending up to  $\text{Ø}76\text{mm} \times 3\text{mm}$  pipe
- Holder attachment for supporting the tube during the fixing it on to the machine
- Free holes for mounting the special tools
- Steel Welded Construction Frame
- Termic - Power Reset gauges
- Emergency stop button
  - The machine has 500 programme memory on internal memory
  - Minimum bending Radius 3 times the diameter ( $\text{Ø}$ ) of the tube (varies according to the tube Wall thickness and material)
  - 1 Set of Pipe Bending Tool Standad included
- Infinite Speed Adjustment System



### OPTIONAL EQUIPMENTS

- Set of pipe, tube, section or bar rolls as required dimensions

Model		SPB 60	SPB 76
Min. Radius	$\text{Ø}$ mm	R40 ( $\text{Ø}16 \times 4$ )	R40 ( $\text{Ø}16 \times 3$ )
Max. Radius	$\text{Ø}$ mm	R150 ( $\text{Ø}60 \times 4$ )	R220 ( $\text{Ø}76 \times 3$ )
Working Speed	RPM 0	0-4,5	0-4
Motor Power	kW	2,2	3
Length   Width   Height	mm	850x750x1200	950x850x1250
Weight	kg.	330	500
Tube Types			
Boiler Tube	mm	60x4	76x3
Mild Steel Tube	mm	48x4	70x5
Aluminium Tube	mm	60x6	76x6
Round Bar (M.S.)	mm	40	45
Square Tube (M.S.)	mm	40x40x4	50x50x5



# HYDRAULIC IRONWORKERS

HKM 60



## STANDARD FEATURES

- More productivity with adjustable piston stroke distance
- Central lubrication system
- Five individual workstation on the machine:
  - Ø22 mm punch and die and standard punching tools
  - Steel solid round and square bar cutting blade set
  - Angle cutting blade set
  - Sheet metal cutting shear
  - U-Notching blade set
- Led lights on all work stations



Punching Station



Round solid bar cutting station



Square solid bar cutting station



Angle cutting station



Flat bar cutting station



u-notching station

4.0  
Single Piston  
5 Work Stations

Working | Adjustment Button

Punch | Cutting Button

Punching		HKM 40	HKM 45	HKM 60	HKM 65V	HKM 55	HKM 65	HKM 85	HKM 115	HKM 175
Diameter x max. thickness	Ø mm	Ø 20x15	Ø 22x15	Ø 28x15	Ø 22x20	Ø 20x20	Ø 26x20	Ø 33x20	Ø 34x26	Ø 40x32
Diameter x thickness	Ø mm	Ø 30x10	Ø 38x8	Ø 38x11	-	Ø 40x10	Ø 55x10	Ø 55x12	Ø 55x16	Ø 57x22
Maximum diameter	Ø mm	Ø 38x8	Ø 100x3	Ø 110x3	Ø 38x11	Ø 100x3	Ø 110x3	Ø 110x4	Ø 110x5	Ø 125x5
Stroke	mm	50	54	55	40	60	55	80	80	80
Stroke count in (20 mm)	mm	x20	x25	x25	(15mm) x 22	x25	x25	x25	x25	x22
Throat depth	mm	175	220	220	240	255	305	355	355	625
Working height	mm	970	955	955	1050	1030	1030	1080	1110	1130
Steel Bar Shear										
Round / Square	Ø mm	30   25	35   30	40   35	40   38	40   40	45   45	50   50	55   50	65   55
Angle Shear										
Angle section (90°)	mm	80x80x8	100x100x10	120x120x12	100x100x10	120x120x12	120x120x12	150x150x15	150x150x16	200x200x20
Angle section (45°)	mm	50x6	70x6	80x8	-	70x10	70x10	80x8	80x10	80x10
Working height	mm	1110	1140	1155	1070	1130	1140	1200	1215	1130
Sheet Metal Shear										
Sheet metal	mm	200x13	200x15	200x20	350x15	200x20	300x20	380x20	380x25	380x30
Sheet metal	mm	300x6	300x12	300x15	250x19	300x15	375x15	480x15	600x15	600x20
Blade length	mm	356	316	317	352	317	380	482	610	610
Angle shear one side	mm	80x10	80x10	80x10	70x7	80x15	100x15	120x15	120x15	120x15
Working height	mm	980	955	955	810	900	900	940	935	810
Notching										
Thickness	mm		8	10	8	10	10	13	13	16
Width	mm		42	42	50.8	45	45	52	60	60
Depth	mm		100	100	90	90	90	100	100	100
Working height	mm		955	955	1060	900	900	940	935	910
Optional Tools										
U-I Section blades (for UPN-IPN Cutting)	mm	70x38	80x45	80x45	100x50	120x58	120x58	160x74	200x90	300x125
T Section blades	mm	35x5	40x5	80x9	-	80x9	90x11	100x11	120x13	150x15
V-notching tooling	mm		100x100x8	100x100x10	90x90x8	100x100x10	100x100x10	100x100x13	100x100x13	100x100x16
V-bending press brake	Bar bend Max.		100x12	100x12	160x8	250x12	250x15	250x20	250x22	250x25
	Sheet bend Max.				250x6	500x3	500x3	500x4	700x3	700x4
Technical Data										
Motor Power	kW	3	4	4	5,5	5,5	5,5	7,5	11	11
Weight	kg.	580	1400	1440	1215	1550	1585	2320	2940	6000
Machine Dimensions (LxWxH)	mm	1100x850x1520	1500x950x1680	1520x950x1780	1180x950x1920	1700x950x1880	1720x950x1880	1950x950x2040	2040x950x2180	2730x1150x2280
Pressure	ton	40	45	60	65	55	65	85	115	175

\*Based on material strength 450 N/mm<sup>2</sup>

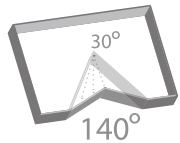
\*All technical specifications are subject to change without notice.

\*Punch holder required

\*Large Hole Punching Tool required

# HYDRAULIC VARIABLE ANGLE CORNER NOTCHERS

**HNM-6 VP**



## STANDARD FEATURES

- HNM-6 V variable rake hydraulic corner notchers have a strong frame with its statically and dynamically rigid steel table and top beam material.
- T slot top table realizes precise cuttings and there is no need for alignment for different sheet thicknesses by means of automatic blade gap adjustment.
- HNM-6 V series perform frequent cutting repeatability via 4 hydraulic hold-down cylinders.
- With the Punching Station in the back of the machine it becomes to a very efficient multi-functional machine.

Model		HNM-6 VP
Steel Cutting	mm (60..140°)(60..140°)	6/4
Stainless Cutting	mm (60..140°)(60..140°)	3/2,5
Power	kW	4
Table Dimension	mm	1150x610
Cutting Angle	c°	30-140°
Max. Cutting Per Minute	x	30
Blade Length	mm	200x200
Oil Tank Capacity	lt.	35
Max. Working Pressure	bar	200
Length	mm	1340
Width	mm	900
Height	mm	1235
Weight	kg.	1150



Punch Unit



6mm Thickness Maximum  
Ø14mm Punching capacity



# HYDRAULIC FIXED ANGLE CORNER NOTCHING MACHINE

HNM-6 F

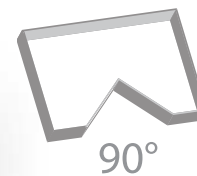


Fixed 90 Blades



## STANDARD FEATURES

- The HNM-6 F hydraulic notcher can cut up to 6 mm
- The biggest notcher size is 250x250mm
- The notching angle fixes in 90° with high notching speed
- The hydraulic notcher has compact structure, small volume and convenient operation



Model	HNM-6F	
Steel Cutting	mm (90°)	6,5
Stainless Cutting	mm (90°)	3
Power	kW	4
Table Dimension	mm	800x750
Cutting Angle	C°	90
Max. Cutting Per Minute	x	25
Blade Length	mm	250x250
Oil Tank Capacity	lt.	25
Max. Working Pressure	bar	200
Length	mm	750
Width	mm	810
Height	mm	1150
Weight	kg.	630

# HYDRAULIC BORDERING MACHINES

## HIBKS 4.0



### STANDARD FEATURES

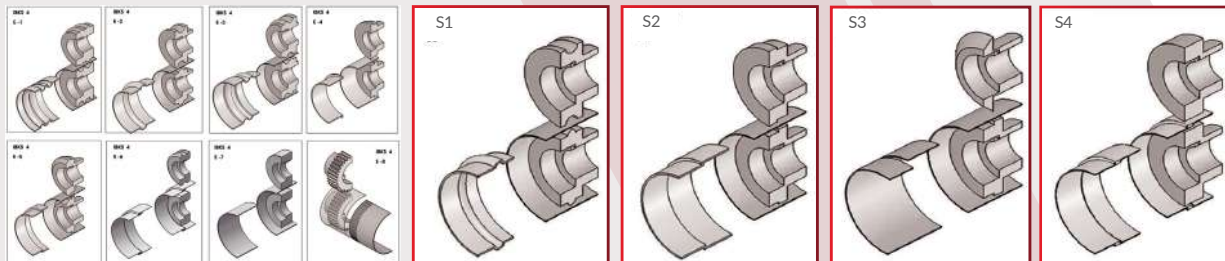
- Steel welded construction frame
- Hydraulic Up-Down Moving Top Roll
- Forward-Backward adjustable bottom roll
- Forward-Backward adjustable sheet support
- Steel Shafts assembled with bronze bushings
- Gearbox motor with brake system
- Control with foot pedal
- Complete with bottom stand
- 4 Set of rolls standard
- Built according to EC Safety Directives and has CE
- User's manual



### OPTIONAL EQUIPMENTS

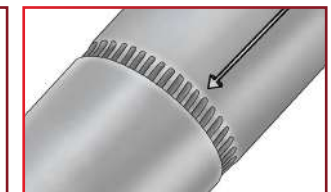
- Optional Rolls for special jobs
- Digital readout

Model		HIBKS 4.0
Shaft Length	mm	300
Bordering Capacity	mm	4,0
Roll Diameters	mm	126
Throat Depth	mm	200
Rounds Per Minute	rpm	64
Power	kW	2,2+0,75
Length	mm	1700
Width	mm	570
Height	mm	1200
Weight	kg.	550



EXTRA Rolls Sets

Standard Roll Sets



# MOTORIZED BORDERING MACHINES

## IBKS 4.0



## STANDARD FEATURES

- Steel welded construction frame
- Forward-Backward adjustable bottom roll
- Forward-Backward adjustable sheet support
- Steel Shafts assembled with bronze bushings
- Gearbox motor with brake system
- Control with foot pedal
- Complete with bottom stand
- 4 Set of rolls standard
- Built according to EC Safety Directives and has (CE)
- User's manual

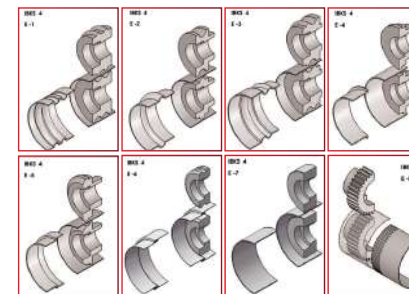
Model		IBKS 4,0
Shaft Length	mm	300
Bordering Capacity	mm	4,0
Roll Diameters	mm	126
Throat Depth	mm	200
Rounds Per Minute	rpm	64
Power	kW	2,2
Length	mm	1700
Width	mm	570
Height	mm	1200
Weight	kg.	550



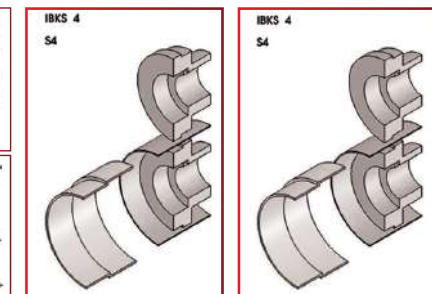
## OPTIONAL EQUIPMENTS

- Optional Rolls for special jobs

### EXTRA Rolls Sets



### Standard Roll Sets

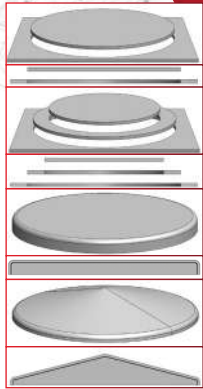




# HYDRAULIC CIRCULAR CUTTING - FLANGING MACHINE

SDK-6

Applications



## STANDARD FEATURES

- One set of flanging rolls included. (R25)
- One set of cutting blades included
- Ballscrew part carrier (7 m./min) and one speed rotation cutting
- Top and bottom rolls powered with planetary reducers
- Manually adjustable centering for both flat and crowned dish flanging
- Both cutting and flanging operation on the same head
- Built according to EC Safety Directives and has (CE)
- User's manual



## OPTIONAL EQUIPMENTS

- Flanging rolls
- R.B.: 30 mm
- R.B.: 35 mm
- Extra set of cutting blades
- Adapter for Smaller Cutting and Flanging (Ø350mm min.)

Model		SDK-6	SDK-8
Max. Cut Plate Diameter Ø	mm	4000	4500
Min. Cut Plate Diameter Ø	mm	440	720
Max. Flanging Height (with optional flanging rolls)	mm	50	95 (R:80) / 35 (R: 25)
Min. Radius	mm	R:10	R:10
Max. Radius	mm	R:70	R:80
Max. Flanging Radius	mm	35	100
Max. Plate Thickness (Considering Mild Steel Y.P.=26 Kg./mm <sup>2</sup> )	mm	6	8
Max. Plate Thickness (Considering Stainless Steel AISI 304-316)	mm	4	5
Motor Power	kW	8,75	10
Length	mm	4250	4900
Width	mm	720	1700
Height	mm	2000	2700
Weight	kg.	2015	4550



# LOCK FORM MACHINES

## EKM-12



Built according to EC Safety Directives and has CE Mark  
Combination of Models enable a lot different forms Hardened rolls on stations



### STANDARD FEATURES

- Built according to EC Safety Directives and has CE Mark
- Combination of Models enable a lot different forms
- Hardened rolls on stations
- High Speed
- Endless material to be rolled on the side stations enabled



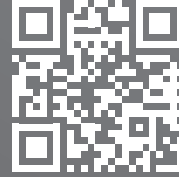
Model		EKM-10	EKM-11	EKM-12
Work Speed	min.	4	6	6
Capacity	mm	1	1,2	1,2
Power	kW	1,1	2,2	2,2
Dimensions	mm	1000x460x1000	1200x660x1030	1300x800x1000
Weight	kg.	270	320	460

Model	Type	FORM					
EKM-12   4.0	K-S-C-D					-	-
EKM-12   4.1	K-S-BK-D					-	-
EKM-12   4.3	K-DBK-DS-D					-	-
EKM-12   3.3	K-ZS-G					-	-
EKM-11	-						





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[www.mtecnico.com](http://www.mtecnico.com)

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