



HAT-TECH
that power is the experience

HPR-4 2508

HAT-TECH
that power is the experience

MPR-5



PLATE

ROLLS



Motorized Slip Roller Machine

Standart Configurations

- ✓ Conical bending
- ✓ Bottom and back rolls manual
- ✓ SAE 1050 steel rolls
- ✓ Rode bending channels on bottom and back rolls
- ✓ Pendant foot pedal
- ✓ Emergency stop

Optional Configurations

- ✓ Hardened rolls
- ✓ Ground rolls
- ✓ Groove rolls

MPR-E Series		1001	1002	1003	1202	1203	1525	2015
Bending Length	mm	1030	1030	1030	1280	1280	1530	2030
Bending Capacity	mm	1	2	3	2	3	2,5	1,5
Pre Bending	mm	0,8	1,2	2	1,2	2	1,5	0,8
Top roll Ø	mm	56	75	90	75	95	95	90
Motor Power	kW	0,75	0,75	1,5	1,5	1,5	1,5	1,5
Length	mm	1750	1750	1750	2000	2000	2250	2750
Height	mm	1100	1135	1135	1135	1135	1135	1135
Width	mm	840	840	840	840	840	840	840
Weight	kg	280	385	440	455	555	630	680



Motorized Asymetrical 3 Roll Machine

Standart Configurations

- ✓ Motorized back roll
- ✓ Conical bending
- ✓ Top & Bottom rolls gear driven
- ✓ Pendant command panel
- ✓ SAE 1050 steel rools
- ✓ Induction hardened rolls
- ✓ Stress relieved steel construction
- ✓ Brake system for precise bendings

Optional Configurations

- ✓ Digital readout
- ✓ Motorized bottom roll tightening
- ✓ Ground rolls
- ✓ Groove rolls
- ✓ Roll extention for profile bending
- ✓ Special rolls for profile bending
- ✓ Special packing for overseas shipments

MPR-S Series		1506	2005	2006	2504	2506	2508	3004	3006
Bending Length	mm	1530	2030	2030	2530	2530	2530	3030	3030
Bending Capacity	mm	6	5	6	4	6	8	4	6
Pre Bending	mm	4	4	5	3	4	6	2	4
Top roll Ø	mm	150	160	170	170	190	220	180	220
Motor Power	kW	4	4	4	4	5,5	5,5	4	5,5
Length	mm	3100	3600	3600	4100	4250	4250	4600	4750
Height	mm	1120	1120	1120	1120	1200	1200	1120	1200
Width	mm	1020	1020	1020	1020	1150	1150	1020	1150
Weight	kg	2100	2300	2400	2700	3750	4430	4250	4920

Hydraulic Assymetrical Initial Pinch 3-Rolls Plate Bending Machine



Standart Configurations

- ✓ Overload Protection
- ✓ Hydraulic Drop-End for easy removal of finished ferrule.
- ✓ Easy operation with mobile control panel with push buttons
- ✓ Welded steel frames
- ✓ Conical bending device
- ✓ Hydraulic balancing system
- ✓ Very suitable for light and medium plates, aluminum or stainless steel
- ✓ Top roll is powered by electrical motor and planetary gearbox. Bottom roll powered with cardan joint system.
- ✓ Induction hardened forged or rolled SAE 1050 (CK 45) Steel Rolls
- ✓ Built according to EC Safety Directives and has CE Mark
- ✓ Hot rolled SAE 1050 (CK 45) Steel Rolls
- ✓ Lateral rolls move linear way with hydraulic pistons
- ✓ Conical bending device with ball bearing
- ✓ 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
- ✓ SAE 1050 (CK45) certificated forget steel rolls with high tensile strength
- ✓ Hardened rolls
- ✓ 2 pcs. Digital Read-Outs
- ✓ SAE 1050 Quality Certificated Steel Rolls with high tensile strength

Optional Configurations

- ✓ Automation with NC Control
- ✓ Hydraulic Overhead Crane for large diameters
- ✓ Hydraulic Lateral Side Supports for large diameters
- ✓ Ground and polished rolls
- ✓ Infinitely Variable Speed
- ✓ Double speed system
- ✓ Hydromotor for rotation
- ✓ Wire grooves on roll ends

HMPR-S Series	Min. Int. Dia Ø Dmin Ødx1,5/x5 Ødx1,5/x5											
	Bending Length	Pre Bending	Bending Capacity	Top and Bottom roll	Lateral roll	Min. bending	Motor Power	Working speed	Length	Width	Height	Weight
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 0603	650	2,5 / 3	3 / 3,5	80	80	120 / 400	1,1 + 0,75	5	1950	750	960	800
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 1002	1050	1,5 / 2	2 / 2,5	80	80	120 / 400	1,1 + 0,75	5	2350	750	960	920
HMPR-S 1002.5	1050	2 / 2,5	2,5 / 3	100	90	150 / 500	1,1 + 0,75	6,5	2350	750	960	1120
HMPR-S 1003	1050	2,5 / 3	3 / 5	130	130	195 / 650	2,2 + 1,1	5	2350	950	1110	1720
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 1201.5	1270	1 / 1,5	1,5 / 2	80	80	120 / 400	1,1 + 0,75	5	2570	750	960	950
HMPR-S 1202	1270	1,5 / 2	2 / 3	100	90	150 / 450	1,1 + 0,75	6,5	2570	750	960	1150
HMPR-S 1204	1270	3 / 4	4 / 5	130	130	195 / 650	2,2 + 1,1	5	3020	950	1110	1750
HMPR-S 1205	1270	4 / 5	5 / 7	150	130	225 / 750	2,2 + 1,1	6	3020	950	1110	1875
HMPR-S 1207.5	1270	5,5 / 7,5	7,5 / 10	180	150	270 / 900	4,0 + 1,1	5	3070	1100	1290	2100
HMPR-S 1210	1270	8 / 10	10 / 12	200	180	300 / 1000	4,0 + 1,5	6	3070	1100	1290	2200
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 1501	1550	0,5 / 1	1 / 1,5	80	80	120 / 400	1,1 + 0,75	5	2850	750	960	1100
HMPR-S 1501.5	1550	1 / 1,5	1,5 / 2	100	90	150 / 450	1,1 + 0,75	6,5	2850	750	960	1200
HMPR-S 1503.5	1550	2,5 / 3,5	3,5 / 4,5	130	130	195 / 650	2,2 + 1,1	5	3300	950	1110	1850
HMPR-S 1504.5	1550	3,5 / 4,5	4,5 / 6,5	150	130	225 / 750	2,2 + 1,1	6	3300	950	1110	2000
HMPR-S 1507	1550	5 / 7	7 / 9	180	150	270 / 900	4,0 + 1,1	5	3350	1100	1290	2310
HMPR-S 1509	1550	7 / 9	9 / 11	200	180	300 / 1000	4,0 + 1,5	6	3350	1100	1290	2450
HMPR-S 1510	1550	8 / 10	10 / 12	220	180	330 / 1100	5,5 + 1,5	5	3500	1200	1370	3250
HMPR-S 1512	1550	10 / 12	12 / 15	250	200	375 / 1250	7,5 + 1,5	5	3500	1200	1370	3600
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 2003	2050	2 / 3	3 / 4	130	130	195 / 650	2,2 + 1,1	5	3800	950	1110	2050
HMPR-S 2004	2050	3 / 4	4 / 6	150	130	225 / 750	2,2 + 1,1	6	3800	950	1110	2250
HMPR-S 2006	2050	4 / 6	6 / 8	180	150	270 / 900	4,0 + 1,1	5	3850	1100	1290	2690
HMPR-S 2008	2050	6 / 8	8 / 10	200	180	300 / 1000	4,0 + 1,5	6	3850	1100	1290	2950
HMPR-S 2009	2050	7 / 9	9 / 11	220	180	330 / 1100	5,5 + 1,5	5	4000	1200	1370	3750
HMPR-S 2010	2050	8/10	10 / 12	250	200	375 / 1250	7,5 + 1,5	5	4000	1200	1370	4200
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 2503	2550	2 / 3	3 / 4	150	130	225 / 750	2,2 + 1,1	6	4300	950	1110	2500
HMPR-S 2504	2550	3 / 4	4 / 6	180	150	270 / 900	4,0 + 1,1	5	4350	1100	1290	3070
HMPR-S 2506	2550	4 / 6	6 / 8	200	180	300 / 1000	4,0 + 1,5	6	4350	1100	1290	3450
HMPR-S 2507	2550	5 / 7	7 / 9	220	180	330 / 1100	5,5 + 1,5	5	4500	1200	1370	4250
HMPR-S 2508	2550	6 / 8	8 / 10	250	200	375 / 1250	7,5 + 1,5	5	4500	1200	1370	4800
	mm	mm	mm	mm	mm	mm	kW	m / min.	mm	mm	mm	kg
HMPR-S 3003	3050	2 / 3	3 / 4	180	150	270 / 900	4,0 + 1,1	5	4850	1100	1290	3450
HMPR-S 3004	3050	3 / 4	4 / 6	200	180	300 / 1000	4,0 + 1,5	6	4850	1100	1290	3950
HMPR-S 3006	3050	4 / 6	6 / 8	220	180	330 / 1100	5,5 + 1,5	5	5000	1200	1370	4750
HMPR-S 3007	3050	5 / 7	7 / 9	250	200	375 / 1250	7,5 + 1,5	5	5000	1200	1370	5400

Hydraulic 3-Roll Bending Machine



Standart Configurations

- ✓ Conical bending
- ✓ PLC control system
- ✓ Induction hardened rolls
- ✓ High tensile carbon steel rolls
- ✓ Sealed spherical roller bearings
- ✓ 3 rolls drive system
- ✓ Stress relieved steel construction body
- ✓ Fixed top roll and hydraulic opening cover
- ✓ Electronic synchronized rolls
- ✓ Welding possibility on the machine
- ✓ Overload protection
- ✓ Safety wire around the machine and emergency
- ✓ Stop button on control panel
- ✓ Manual lubrication

Optional Configurations

- ✓ Polished rolls
- ✓ Adjustable turning speed
- ✓ Vertical or horizontal working position
- ✓ Hydraulic vertical support preparation (Full / Mechanical)
- ✓ Hydraulic Side support preparation (Full / Mechanical)
- ✓ Hydraulic vertical support
- ✓ Hydraulic side supports
- ✓ Hydraulic side supports with double joint
- ✓ Interchangeable top roll
- ✓ Longer rolls for profile bending and special bending rolls
- ✓ Oil cooling
- ✓ Oil heating
- ✓ Automatic centralized lubrication system
- ✓ Plate feeding platform with alignment unit
- ✓ Special plate support systems
- ✓ Loading, unloading systems
- ✓ Seperate power cabinet

Min. Int. Dia Ø Dmin

Ødx1,5

Ødx1,5

HPR-3 Series	Bending Length	Pre Bending	Bending Capacity	Central Rolls	Side Rolls	Working speed	Motor Power	Lenght	Width	Height	Weight
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-3 2010	2050	8	10	210	190	5	7,5	3400	1200	1300	4200
HPR-3 2013	2050	10	13	240	220	5	7,5	3400	1300	1450	5060
HPR-3 2016	2050	12	16	280	260	5	7,5	4100	1400	1550	7600
HPR-3 2020	2050	16	20	300	280	5	11	4100	1500	1550	8100
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-3 2508	2550	6	8	210	190	5	7,5	3900	1200	1300	4570
HPR-3 2510	2550	8	10	240	220	5	7,5	3900	1300	1450	5670
HPR-3 2513	2550	10	13	280	260	5	7,5	4600	1400	1550	7720
HPR-3 2516	2550	12	16	300	280	5	11	4600	1500	1550	9100
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-3 3006	3100	4	6	210	190	5	7,5	4450	1200	1300	5205
HPR-3 3008	3100	6	8	240	220	5	7,5	4450	1300	1450	6600
HPR-3 3010	3100	8	10	280	260	5	7,5	5150	1400	1550	8370
HPR-3 3013	3100	10	13	300	280	5	11	5150	1500	1550	9900
HPR-3 3016	3100	13	16	320	300	1,5-5	22	5650	1950	1750	11500
HPR-3 3020	3100	16	20	350	330	1,5-5	22	5650	2000	1750	13000
HPR-3 3025	3100	20	25	380	360	1,5-5	37	5650	2100	1850	15300
HPR-3 3030	3100	25	30	420	400	1,5-5	37	5750	2250	2250	21000
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-3 4008	4100	6	8	320	300	1,5-5	22	6650	1950	1750	13000
HPR-3 4013	4100	10	13	350	330	1,5-5	22	6650	2000	1750	14800
HPR-3 4016	4100	13	16	380	360	1,5-5	37	6950	2100	1850	17950

Hydraulic 4-Roll Bending Machine

Standart Configurations

- ✓ Conical bending
- ✓ PLC control system
- ✓ Induction hardened rolls
- ✓ Stress relieved steel construction body
- ✓ High tensile carbon steel rolls
- ✓ Sealed spherical roller bearings
- ✓ 2 rolls drive system
(Upper roll Ø 200 mm - Ø 430 mm)
- ✓ 4 rolls drive system
(Upper roll <Ø 430 mm)
- ✓ Fixed top roll
(Upper roll Ø 200 mm - Ø 430 mm)
- ✓ Hydraulic opening cover
- ✓ Welding possibility on the machine
- ✓ Electronic synchronized rolls
- ✓ Mechanical synchronized bottom rolls
- ✓ Adjustable pinching pressure
- ✓ Overload protection
- ✓ Safety wire around the machine
- ✓ Manual lubrication
- ✓ CE

Optional Configurations

- ✓ Polished rolls
- ✓ Adjustable turning speed
- ✓ Vertical or horizontal working position
- ✓ Hydraulic vertical support preparation
(Full / Mechanical)
- ✓ Hydraulic Side support preparation
(Full / Mechanical)
- ✓ Hydraulic vertical support
- ✓ Hydraulic side supports
- ✓ Hydraulic side supports with double joint
- ✓ Interchangeable top roll
- ✓ Longer rolls for profile bending and
special bending rolls
- ✓ Oil cooling
- ✓ Oil heating
- ✓ Automatic centralized lubrication system
- ✓ Plate feeding platform with alignment
unit
- ✓ Special plate support systems
- ✓ Loading, unloading systems
- ✓ Seperate power cabinet



Min. Int. Dia Ø Dmin

Ødx1,5

Ødx1,5

HPR-4 Series	Bending Length	Pre Bending	Bending Capacity	Central Rolls	Side Rolls	Working speed	Motor Power	Lenght	Width	Height	Weight
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-4 1505	1550	4	5	150	130	1,5-6	4	3750	880	1100	2400
HPR-4 1507	1550	5	7	170/160	150	1,5-6	4	3750	880	1100	2600
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-4 2006	2050	4	6	180	150	5	4,0+1,5	3850	1350	1290	3600
HPR-4 2008	2050	6	8	200	180	6	4,0+1,5	3850	1350	1290	4050
HPR-4 2010	2050	8	10	250	200	5	7,5+1,5	4000	1500	1370	5650
HPR-4 2015	2050	12	15	275	220	1,5-5	16,5	4400	1600	1800	7800
HPR-4 2020	2050	16	20	300	280	5	11	4100	1500	1550	8400
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-4 2505	2550	3	4	180	150	5	4,0+1,5	4350	1350	1290	4000
HPR-4 2507	2550	5	7	220	160	5	5,5+1,5	4500	1500	1370	5700
HPR-4 2512	2550	10	12	275	220	1,5-5	16,5	4900	1600	1800	8800
HPR-4 2516	2550	12	16	320	240	1,5-5	20	5400	1800	1950	12050
HPR-4 2520	2550	16	20	350	260	1,5-5	23,5	5400	1900	1950	13300
HPR-4 2525	2550	20	25	380	300	1,5-5	31,5	5400	2250	2350	17600
HPR-4 2530	2550	25	30	400	300	1,5-5	38,5	5400	2250	2350	18300
HPR-4 2535	2550	30	35	460	380	1,5-5	38,5	5400	2300	2350	22800
HPR-4 2540	2550	35	40	500	400	1-4	60	6050	2800	2900	36300
HPR-4 2545	2550	40	45	550	450	1-4	66	6200	2900	2950	43800
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-4 3003	3100	2	3	180	150	5	4,0+1,5	4850	1350	1290	4400
HPR-4 3006	3100	4	6	220	180	5	5,5+1,5	5000	1500	1370	6300
HPR-4 3007	3100	5	7	250	200	5	7,5+1,5	5000	1500	1370	7100
HPR-4 3010	3100	8	10	275	220	1,5-5	16,5	5400	1600	1800	9800
HPR-4 3012	3100	10	12	320	240	1,5-5	20	5850	1800	1950	13050
HPR-4 3016	3100	12	16	350	260	1,5-5	23,5	5850	1900	1950	15300
HPR-4 3020	3100	16	20	380	300	1,5-5	31,5	5850	2250	2350	18800
HPR-4 3025	3100	20	25	400	300	1,5-5	38,5	5850	2250	2350	20300
HPR-4 3030	3100	25	30	460	380	1,5-5	38,5	5950	2300	2350	24990
HPR-4 3035	3100	30	35	500	400	1-4	60	6600	2800	2900	38800
	mm	mm	mm	mm	mm	m / min	kW	mm	mm	mm	kg
HPR-4 4006	4100	4	6	280	220	1,5-5	16,5	6850	1700	1850	13300
HPR-4 4008	4100	6	8	320	240	1,5-5	20	6950	1800	1950	15350
HPR-4 4010	4100	8	10	350	260	1,5-5	23,5	6950	1900	1950	19300
HPR-4 4012	4100	10	12	380	300	1,5-5	31,5	6950	2250	2350	22300
HPR-4 4016	4100	12	16	400	300	1,5-5	38,5	6950	2250	2350	23800
HPR-4 4020	4100	16	20	460	380	1,5-5	38,5	6950	2300	2350	30300
HPR-4 4025	4100	20	25	500	400	1,5-5	38,5	7600	2800	2900	42300