

Your business partner in your production

metal working machines
metal working machines



With the accumulation of our experience in metal working machinery sector which started in 1996, we established UZMA brand in 2005. In 2007, not only UZMA brand became a registered trademark but also in 2013 we received the ISO 9001:2008 certificate. Today with nearly 25 years of experience in the machinery industry, UZMA is one of the fastest growing companies and brand names in the world market for metal working machinery with his own production and OEM products.

UZMA metal working machines has steel construction frame and designed to be reliable, durable and precise. Designs, that are carried out on computer including 3D software, support for drawing and strength analysis. For all UZMA products, precise machining with CNC machining center and/or CNC lathes are accompanied with detailed quality control and designed to produce quality repeatable precision works. UZMA has a big production range from full CNC machines to simple mechanical machines for different customer budgets and usage areas. Equipments on the machines are worldwide known brand names like Bosch-Rexroth, Hoerbiger, Atos, Givi Misure, ESA, Elgo, LG, Siemens, Schneider, Mitsubishi, etc.

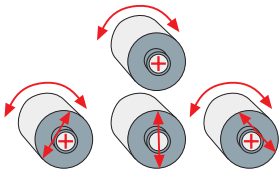
The target of UZMA is to keep the name as a world wide brand name with high quality and affordable prices, we believe in customer satisfaction and after sale service.

Our aim in the world market is to continue to be in a distinguished place and to stay united with the quality.

We know that we can grow only together with our partners and customers, therefore our first target is customer satisfaction.

Your business partner in your production

UHSS-4 40350 CNC



UHSS-4 Plate bending machines are very suitable for medium and heavy plates or stainless steel bending. Ferrules in full circle or varying radiuses can be done easily on this machines. Our UHSS-4 models are also ideal machines for wind towers production, shipyard and pipeline industries.

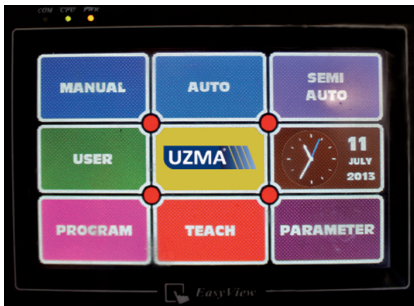
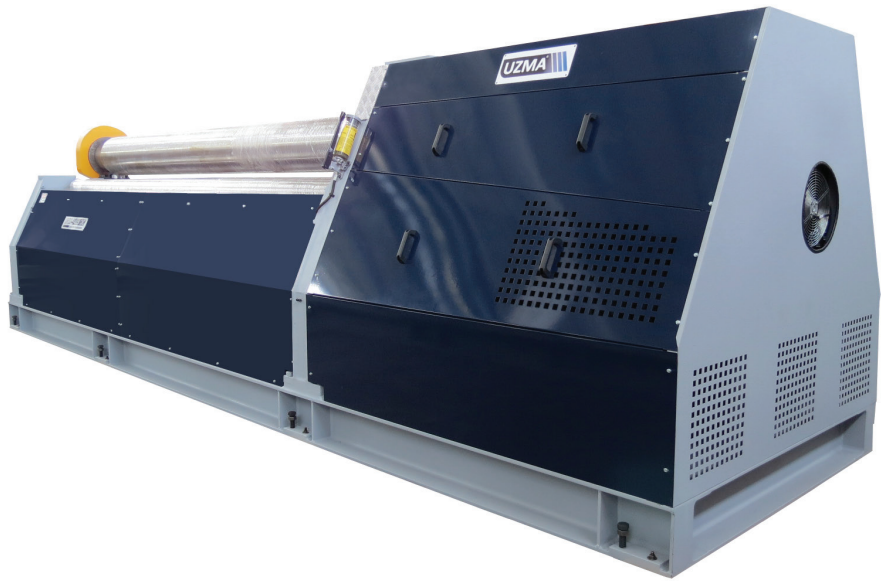




Linear guide system, pistons use all power for bending material



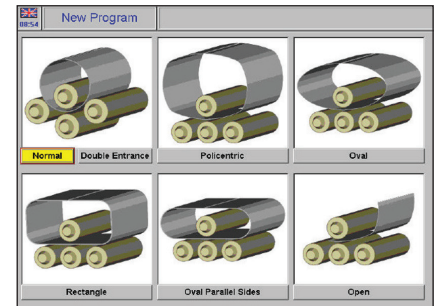
Standard control panel with 3 digital readout



NC control

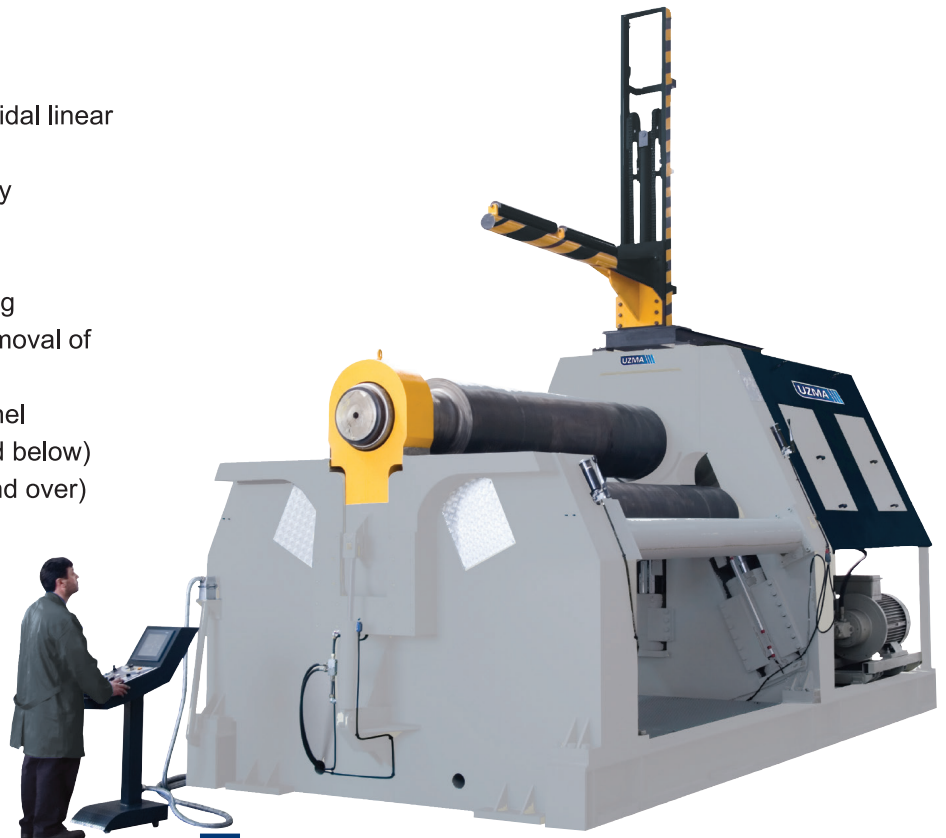


CNC control



Standard Accessories:

- Pinch roll and lateral rolls move pyramidal linear with hydraulic pistons
- Top roll and lateral rolls are powered by hydromotor and planetary gearbox (3 roll driven system)
- 3 digital readouts for easy roll positioning
- Hydraulic tiltable drop-end for easy removal of finished ferrule
- Easy operation with mobile control panel
- Hydraulic balancing system (Ø460 and below)
- Electronic balancing system (Ø500 and over)
- Induction hardened forged SAE 1050 (CK 45-50) steel rolls
- Overload protection
- Conical bending device
- Central lubrication system
- Welded steel frames
- Double speed working system
- Linear guide system



UHSS-4		Without Pre-Bending		With Pre-Bending							
	Useful Length	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Central rolls Ø	Side rolls Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg
UHSS-4 20280	2050	20	16	16	12	280	220	16,5	1,5-5	4850x1700x1850	8550
UHSS-4 20320	2050	25	20	20	16	320	240	20	1,5-5	4900x1800x1950	10750
UHSS-4 20350	2050	30	25	25	20	350	260	23,5	1,5-5	4900x1900x1950	11500
UHSS-4 20380	2050	40	30	30	25	380	300	31,5	1,5-5	4900x2250x2350	15800
UHSS-4 20400	2050	45	35	35	30	400	300	38,5	1,5-5	4900x2250x2350	16500
UHSS-4 20460	2050	50	40	40	35	460	380	38,5	1,5-5	4900x2300x2350	19600
UHSS-4 20500	2050	55	50	50	40	500	400	45	1-4	5550x2800x2900	30000
UHSS-4 20550	2050	60	50	50	45	550	450	66	1-4	5700x2900x2950	40000
UHSS-4 25280	2550	16	12	12	10	280	220	16,5	1,5-5	5300x1700x1850	9200
UHSS-4 25320	2550	20	16	16	12	320	240	20	1,5-5	5400x1800x1950	11750
UHSS-4 25350	2550	25	20	20	16	350	260	23,5	1,5-5	5400x1900x1950	13000
UHSS-4 25380	2550	30	25	25	20	380	300	31,5	1,5-5	5400x2250x2350	17300
UHSS-4 25400	2550	40	30	30	25	400	300	38,5	1,5-5	5400x2250x2350	18000
UHSS-4 25460	2550	45	35	35	30	460	380	38,5	1,5-5	5400x2300x2350	22500
UHSS-4 25500	2550	50	40	40	35	500	400	45	1-4	6050x2800x2900	33000
UHSS-4 25550	2550	55	45	45	40	550	450	66	1-4	6200x2900x2950	43500
UHSS-4 30280	3100	12	10	10	8	280	220	16,5	1,5-5	5850x1700x1850	10000
UHSS-4 30320	3100	16	12	12	10	320	240	20	1,5-5	5950x1800x1950	12750
UHSS-4 30350	3100	20	16	16	12	350	260	23,5	1,5-5	5950x1900x1950	15000
UHSS-4 30380	3100	25	20	20	16	380	300	31,5	1,5-5	5950x2250x2350	18800
UHSS-4 30400	3100	30	25	25	20	400	300	38,5	1,5-5	5950x2250x2350	20000
UHSS-4 30460	3100	40	35	35	25	460	380	38,5	1,5-5	5950x2300x2350	24660
UHSS-4 30500	3100	45	30	30	30	500	400	45	1-4	6600x2800x2900	43000
UHSS-4 30550	3100	50	40	40	35	550	450	66	1-4	6750x2900x2950	47000
UHSS-4 30580	3100	60	45	45	40	580	480	73	1-4	6750x2950x2950	55000
UHSS-4 30620	3100	70	60	60	50	620	520	123	1-4	7200x3250x3250	62000
UHSS-4 30680	3100	85	70	70	60	680	580	150	1-4	7700x3500x3600	82500
UHSS-4 40280	4100	8	6	6	4	280	220	16,5	1,5-5	6850x1700x1850	13000
UHSS-4 40320	4100	10	8	8	6	320	240	20	1,5-5	6950x1800x1950	14750
UHSS-4 40350	4100	12	10	10	8	350	260	23,5	1,5-5	6950x1900x1950	19000
UHSS-4 40380	4100	16	12	12	10	380	300	31,5	1,5-5	6950x2250x2350	22000
UHSS-4 40400	4100	20	16	16	12	400	300	38,5	1,5-5	6950x2250x2350	23500
UHSS-4 40460	4100	25	20	20	16	460	380	38,5	1,5-5	6950x2300x2350	30000
UHSS-4 40500	4100	35	25	25	20	500	400	45	1-4	7600x2800x2900	42000
UHSS-4 40550	4100	40	30	30	25	550	450	66	1-4	7750x2900x2950	54000
UHSS-4 60350	6100	8	6	6	4	350	260	23,5	1,5-5	8950x1900x1950	24000
UHSS-4S 60380	6100	10	8	8	6	380	300	31,5	1,5-5	8950x2250x2350	28250
UHSS-4 60400	6100	13	10	10	8	400	300	38,5	1,5-5	8950x2250x2350	30000
UHSS-4 60460	6100	15	12	12	10	460	380	38,5	1,5-5	8950x2300x2350	40000
UHSS-4 60500	6100	20	16	16	12	500	400	45	1-4	9600x2550x2350	67500
UHSS-4 60550	6100	25	20	20	16	550	450	66	1-4	9750x2900x2900	70000
UHSS-4 60620	6100	30	25	25	20	620	520	123	1-4	10200x3250x3250	88500

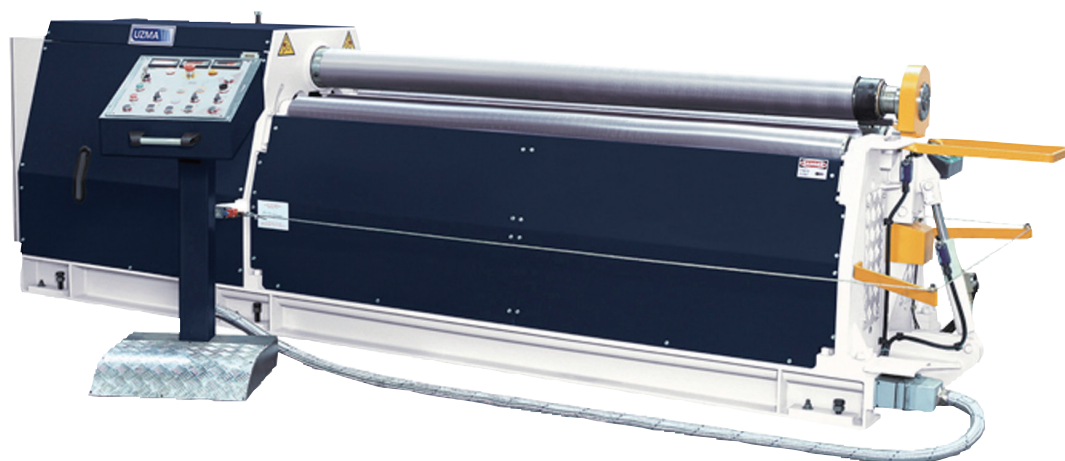
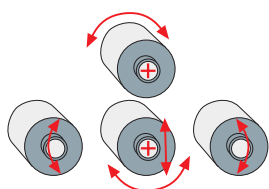
• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

UHS-4 Series Plate Bending Machines

Standard Accessories:

- Pinch roll and lateral rolls move with hydraulic pistons in orbital way
- Top roll powered by hydromotor and planetary gearbox (only top roll powered)
- Three digital readouts for easy roll positioning
- Hydraulic drop-end for easy removal of finished ferrule
- Induction hardened forged or rolled SAE 1050 (CK 45-50) steel rolls
- Easy operation with mobile control panel
- Hydraulic balancing system
- Double speed working system
- Conical bending device
- Welded steel frames
- Overload protection

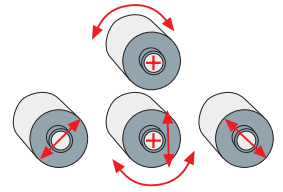


UHS-4	Without Pre-Bending		With Pre-Bending								
	Useful Length	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Central rolls Ø	Side rolls Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg
UHS-4 10150	1050	8	6	6	4	150	130	4	1,5-6	3100x860x1150	1850
UHS-4 10170	1050	9	7	7	5	170/160	150	4	1,5-6	3100x860x1150	2100
UHS-4 15150	1550	6	4	4	3	150	130	4	1,5-6	3600x860x1150	2250
UHS-4 15170	1550	8	6	6	4	170/160	150	4	1,5-6	3600x860x1150	2500
UHS-4 20150	2050	4	3	3	2	150	130	4	1,5-6	4100x860x1150	2650
UHS-4 20170	2050	6	4	4	3	170/160	150	4	1,5-6	4100x860x1150	2900
UHS-4 20190	2050	8	6	6	4	190	150	5,5	1,5-6	4100x1030x1300	3500
UHS-4 20220	2050	10	8	8	6	220	160	5,5	1,5-6	3750x1180x1300	4000
UHS-4 20245	2050	13	10	10	8	245	180	7,5	1,5-6	4000x1550x1500	5100
UHS-4 20260	2050	16	13	13	10	260	200	7,5	1,5-6	4000x1590x1600	5970
UHS-4 25190	2550	6	4	4	3	190	150	5,5	1,5-6	4600x1030x1300	4000
UHS-4 25220	2550	8	6	6	4	220	160	5,5	1,5-6	4250x1180x1300	4500
UHS-4 25245	2550	10	8	8	6	245	180	7,5	1,5-6	4500x1550x1500	6100
UHS-4 25260	2550	13	10	10	8	260	200	7,5	1,5-6	4500x1590x1600	6740
UHS-4 30190	3100	5	3	3	2	190	150	5,5	1,5-6	5100x1030x1300	4500
UHS-4 30220	3100	7	5	5	3	220	160	5,5	1,5-6	4750x1180x1300	5500
UHS-4 30245	3100	8	6	6	4	245	180	7,5	1,5-6	5000x1550x1500	6600
UHS-4 30260	3100	10	8	8	6	260	200	7,5	1,5-6	5000x1590x1600	7480
UHS-4 40260	4100	6	4	4	3	260	200	7,5	1,5-6	6000x1590x1600	9300

• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

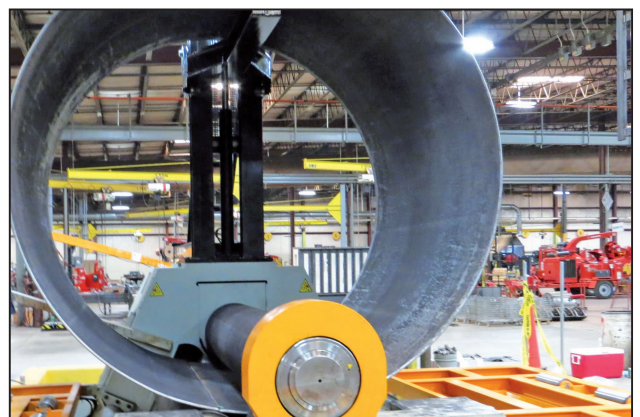
UHMS-4 15220



UHMS-4 plate bending machines are very suitable for light and medium plates, aluminum or stainless steel bending. Ferrules in full circle or varying radiuses can be done easily on this machines. Our UHMS-4 type machines are top and bottom roll powered models.

Standard Accessories:

- Pinch roll and lateral rolls move with pyramid linear direct movement by hydraulic pistons.
- Overload protection
- Top roll is powered by electrical motor and planetary gearbox. Bottom roll powered with cardan joint system (two rolls powered)
- Three digital readouts for easy roll positioning
- Hydraulic drop-end for easy removal of finished ferrule
- Easy operation with mobile control panel
- Welded steel frames
- Induction hardened forged or rolled SAE 1050 (CK 45-50) steel rolls
- Conical bending device
- Hydraulic balancing system



UHMS-4

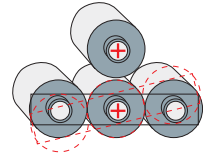
	Useful Length	Pre-Bending Capacity	Bending Capacity	Central rolls Ø	Side rolls Ø	Min. Internal dia. Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm(x1,5/x5)	kw	m/min	mm	kg
UHMS-4 6580	650	2,5/3	3/3,5	80	80	120/400	1,1+0,75	5	1950x950x960	950
UHMS-4 1080	1050	1,5/2	2/2,5	80	80	120/400	1,1+0,75	5	2350x950x960	1150
UHMS-4 1280	1270	1/1,5	1,5/2	80	80	120/400	1,1+0,75	5	2570x950x960	1250
UHMS-4 12100	1270	1,5/2	2/3	100	90	150/450	1,1+0,75	6,5	2570x950x960	1350
UHMS-4 12130	1270	3/4	4/5	130	130	195/650	2,2+0,75	5	3020x1150x1110	2150
UHMS-4 12150	1270	4/5	5/7	150	130	225/750	2,2+1,1	6	3020x1150x1110	2155
UHMS-4 12180	1270	5,5/7,5	7,5/10	180	150	270/900	4,0+1,1	5	3070x1350x1290	2700
UHMS-4 12200	1270	8/10	10/12	200	180	300/1000	4,0+1,5	6	3070x1350x1290	3000
UHMS-4 1580	1550	0,5/1	1/1,5	80	80	120/400	1,1+0,75	5	2850x950x960	1350
UHMS-4 15100	1550	1/1,5	1,5/2	100	90	150/450	1,1+0,75	6,5	2850x950x960	1500
UHMS-4 15130	1550	2,5/3,5	3,5/4,5	130	130	195/650	2,2+0,75	5	3300x1150x1110	2250
UHMS-4 15150	1550	3,5/4,5	4,5/6,5	150	130	225/750	2,2+1,1	6	3300x1150x1110	2370
UHMS-4 15180	1550	5/7	7/9	180	150	270/900	4,0+1,1	5	3350x1350x1290	2900
UHMS-4 15200	1550	7/9	9/11	200	180	300/1000	4,0+1,5	6	3350x1350x1290	3250
UHMS-4 15220	1550	8/10	10/12	220	180	330/1100	5,5+1,5	5	3500x1500x1370	4250
UHMS-4 15250	1550	10/12	12/15	250	200	375/1250	7,5+1,5	5	3500x1500x1370	4650
UHMS-4 20130	2050	2/3	3/4	130	130	195/650	1,5+0,75	5	3800x1150x1110	2450
UHMS-4 20150	2050	3/4	4/6	150	130	225/750	2,2+1,1	6	3800x1150x1110	2800
UHMS-4 20180	2050	4/6	6/8	180	150	270/900	4,0+1,1	5	3850x1350x1290	3300
UHMS-4 20200	2050	6/8	8/10	200	180	300/1000	4,0+1,5	6	3850x1350x1290	3750
UHMS-4 20220	2050	7/9	9/11	220	180	330/1100	5,5+1,5	5	4000x1500x1370	4800
UHMS-4 20250	2050	8/10	10/12	250	200	375/1250	7,5+1,5	5	4000x1500x1370	5350
UHMS-4 20275	2050	12/15	15/18	275	220	410/1375	11	1,5/5	4400x1600x1800	7500
UHMS-4 25150	2550	2/3	3/4	150	130	225/750	2,2+1,1	6	4300x1150x1110	3230
UHMS-4 25180	2550	3/4	4/6	180	150	270/900	4,0+1,1	5	4350x1350x1290	3700
UHMS-4 25200	2550	4/6	6/8	200	180	300/1000	4,0+1,5	6	4350x1350x1290	4250
UHMS-4 25220	2550	5/7	7/9	220	180	330/1100	5,5+1,5	5	4500x1500x1370	5400
UHMS-4 25250	2550	6/8	8/10	250	200	375/1250	7,5+1,5	5	4500x1500x1370	6100
UHMS-4 25275	2550	10/12	12/15	275	220	410/1375	11	1,5/5	4900x1600x1800	8500
UHMS-4 30180	3100	2/3	3/4	180	150	270/900	4,0+1,1	5	4850x1350x1290	4100
UHMS-4 30200	3100	3/4	4/6	200	180	300/1000	4,0+1,5	6	4850x1350x1290	4750
UHMS-4 30220	3100	4/6	6/8	220	180	330/1100	5,5+1,5	5	5000x1500x1370	6000
UHMS-4 30250	3100	5/7	7/9	250	200	375/1250	7,5+1,5	5	5000x1500x1370	6800
UHMS-4 30275	3100	8/10	10/12	275	220	410/1375	11	1,5/5	5400x1600x1800	9500
UHMS-4 40250	4100	3/4	4/6	250	200	375/1250	7,5+1,5	5	6000x1500x1370	8500
UHMS-4 40275	4100	4/6	6/8	275	220	410/1375	11	1,5/5	6400x1600x1800	12000

• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

URH-4 & URM-4 Series Plate Bending Machines

URH-4 10130



URH-4 and URM-4 plate bending machines are very suitable for light plates, aluminum or stainless steel bending. Ferrules in full circle or varying radiuses can be done easily on this machines. Our URH-4 and URM-4 type machines are the most economical four roll plate bending machines. The URH-4 machines are cassette type special system designed models for elliptic or round shapes in mass production as low as 20 sec. cycle time.

URM-4 15130



Standard Accessories:

- Roll and lateral rolls move with hydraulic piston through cassette type frame in URH-4 models
- Pinch roll and lateral rolls move with screw jacks in URM-4 models in linear way
- Overload protection
- Top roll is powered by planetary gearbox, bottom and side rolls free
- Easy operation with mobile control panel
- Welded steel frames
- Conical bending device (URM-4)

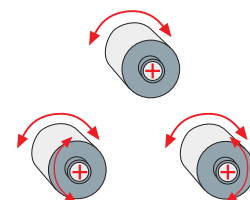
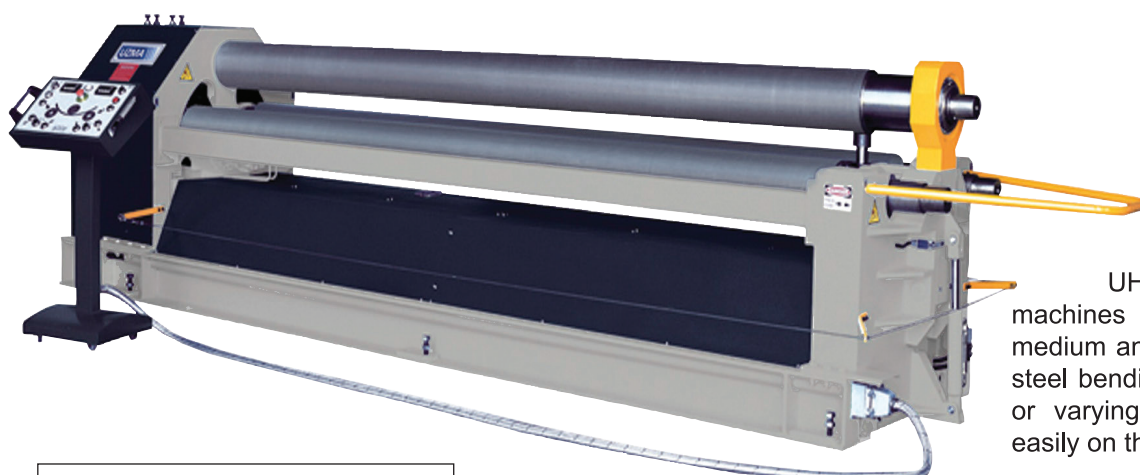
URH-4 / URM-4		Without Pre-Bending		With Pre-Bending							
	Useful Length	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Central rolls Ø	Side rolls Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg
URH-4 1060	1050	1,5	1	1	0,8	60	60	1.1	4. 5	2050x875x1060	720
URH-4 1075	1050	2	1,5	1,5	1	75	75	1.2	4. 5	2250x875x1060	750
URH-4 1090	1050	2. 5	2	2	1. 5	90	100	2.2	4. 5	2250x1000x1500	900
URH-4 10130	1050	5	4	4	3	130	110	3	4. 5	2250x1000x1500	1560
URH-4 13115	1350	4	3	3	2	115	115	3	4.5	2550x1000x1500	1685
URH-4 1590	1550	2	1. 5	1. 5	1	90	100	2.2	4. 5	2750x1000x1500	1100
URH-4 15130	1550	4	3	3	2	130	110	3	5	2750x1000x1500	1760
URM-4 10130	1050	6	5	5	4	130	110	2.2+(3x0.75)	5	2500x900x850	1300
URM-4 15130	1550	5	4	4	3	130	110	2.2+(3x0.75)	5	3000x900x850	1550
URM-4 20130	2050	4	3	3	2	130	110	2.2+(3x0.75)	5	3500x900x850	1900

• Capacities are given for 260 N/mm² plate yielding strength.

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UHS-3 Series Plate Bending Machines

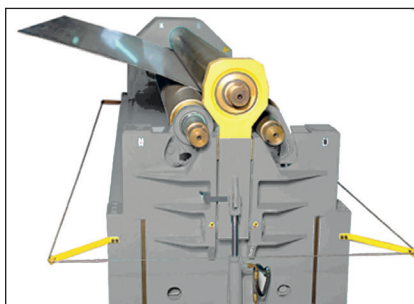
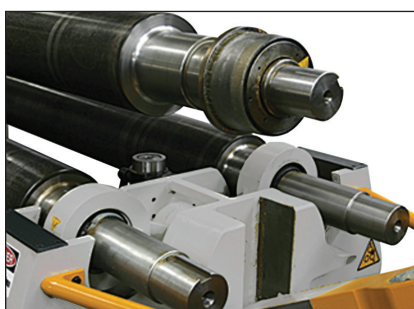
UHS-3 30210



UHS-3 plate bending machines are very suitable for medium and light plates or stainless steel bending. Ferrules in full circle or varying radiuses can be done easily on these machines.

Standard Accessories:

- Lateral rolls move with hydraulic pistons in orbital way
- Overload protection
- All rolls are powered by hydromotor and planetary gearbox
- 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, hot rolled SAE 1050 (CK 45-50) steel rolls
- Conical bending device with
- Hydraulic balancing system
- Extended roll shafts for profile and pipe bending operation

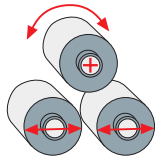
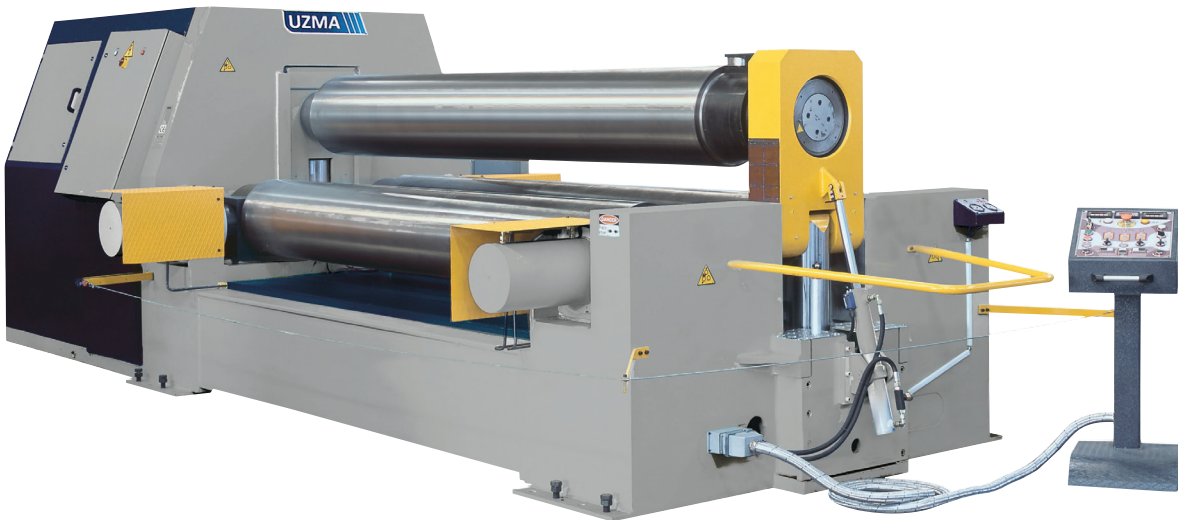


UHS-3		Without Pre-Bending		With Pre-Bending							
	Useful Length	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Central rolls Ø	Side rolls Ø	Motor Power	Working Speed	Machine Dimensions (LxVxH)	Weight
	mm	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg
UHS-3 20210	2050	12	10	10	8	210	190	7,5	5	3400x1200x1300	4200
UHS-3 20240	2050	15	13	13	10	240	220	7,5	5	3400x1300x1450	5060
UHS-3 20280	2050	18	16	16	12	280	260	7,5	5	4100x1400x1550	7600
UHS-3 20300	2050	22	20	20	16	300	280	11	5	4100x1500x1550	8100
UHS-3 25210	2550	10	8	8	6	210	190	7,5	5	3900x1200x1300	4570
UHS-3 25240	2550	12	10	10	8	240	220	7,5	5	3900x1300x1450	5670
UHS-3 25280	2550	15	13	13	10	280	260	7,5	5	4600x1400x1550	7720
UHS-3 25300	2550	18	16	16	12	300	280	11	5	4600x1500x1550	9100
UHS-3 30210	3100	7	6	6	4	210	190	7,5	5	4450x1200x1300	5205
UHS-3 30240	3100	10	8	8	6	240	220	7,5	5	4450x1300x1450	6600
UHS-3 30280	3100	12	10	10	8	280	260	7,5	5	5150x1400x1550	8370
UHS-3 30300	3100	15	13	13	10	300	280	11	5	5150x1500x1550	9900

• Capacities are given for 260 N/mm² plate yielding strength.

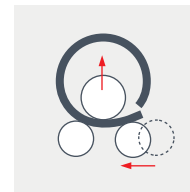
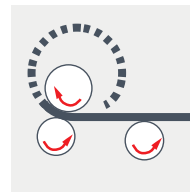
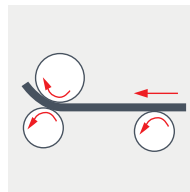
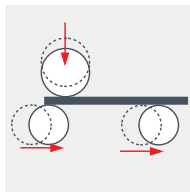
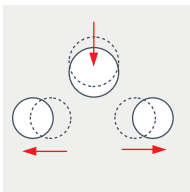
All data are approximate, can be changed without notice.

UHST-3 30210



Standard Accessories:

- High efficiency on heavy plate bending operation
- Reduced overall dimensions and easiness of transportation on medium and big machines
- Having the two bottom rolls horizontally moving, means also a lower working height which requires a smaller foundation pit and less anchoring load (in the smallest models you don't need foundation)
- During operation (pre-bending and bending phases), the plate always keeps its horizontal position. So material move more easily
- The solid construction and the particular geometry of the UHST-3 enable to be used as a press brake bending machine
- The UHST-3 machine can fulfill the best prebending on every required diameter.
- The possibility to reduce centre-distance between lower rolls realizes a better pre-bending during bending of tubes with small diameter and thickness
- Another important feature of the UHST-3 machine is the operating system of the top forming roll. In fact, the top forming roll can be used as a traditional press brake allowing perfect rerolling and calibration operations of the produced tubes
- In the same way it is also possible to obtain cones with heavy thickness by bending in several strokes the plate
- With some 3 and 4 rolls pyramidal machines it is necessary to tilt the top roll to allow the produced tube removal. On the UHST-3 machine this is not necessary and therefore it is much more easier to remove the finished tube
- Large working stroke allows to get best bending result
- Can bend more thicker plates compare to equivalent 3 or 4 roll machines
- Induction hardened forged or rolled SAE 1050 (CK 45-50) steel rolls
- Double speed working system
- Conical bending device
- Electronic balancing system



UHST-3	Without Pre-Bending		With Pre-Bending								
	Useful Length	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Min. Diameter top roll Ø x 5 times	Min. Diameter top roll Ø x 1,5 times	Central rolls Ø	Side rolls Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm	mm	kw	m/min.	mm	kg
UHST-3 30450	3100	55	40	40	30	450	420	52	1,5-5	6650x2800x2200	25000
UHST-3 30500	3100	60	45	45	35	500	460	73,5	1,5-4	7450x3100x2650	33000
UHST-3 30550	3100	65	50	50	40	550	500	73,5	1,5-4	7600x3350x2700	45000
UHST-3 30580	3100	70	60	60	45	580	500	74	1,5-4	9000x4400x3000	60000
UHST-3 30620	3100	80	65	65	55	620	560	169	1,5-4	9000x4400x3000	65000
UHST-3 30680	3100	90	75	75	75	680	600	180	1,5-4	9200x4500x3000	73000

• Capacities are given for 260 N/mm² plate yielding strength.

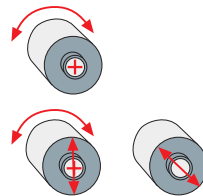
URM-H & URM-S Series Plate Bending Machines



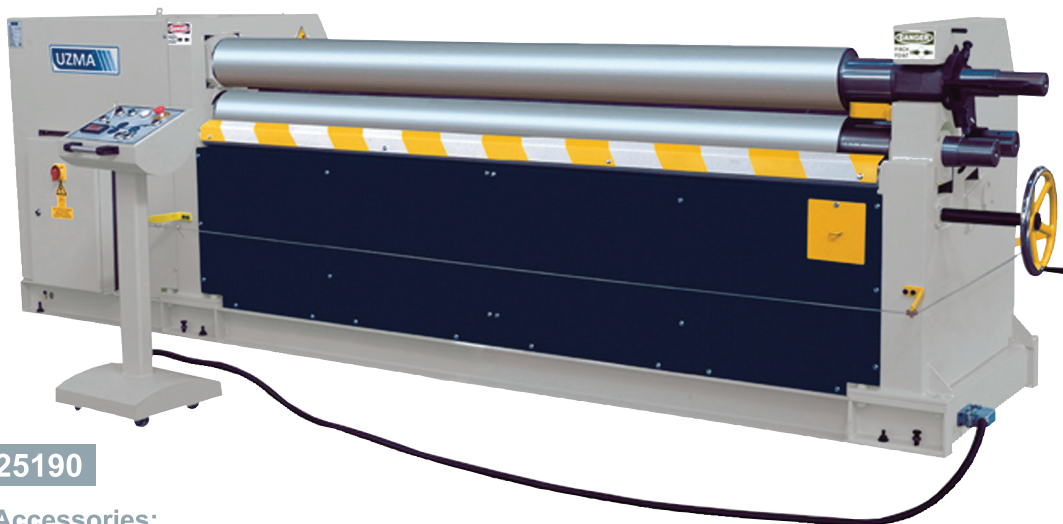
URM-H 20180

Standard Accessories:

- Steel welded main frames
- Hydraulic drop-end
- Mobile control panel
- Motor powered central rolls
- Hydraulic movement of back roll and bottom roll
- Main motor with brake system
- Conical bending, pre-bending available
- Support system for top roll
- Planetary gearbox two rolls driven
- Back roll with ball bearings for thin sheet works
- SAE 1050 (CK45-50) certificated forged steel rolls with high tensile strength
- Hardened rolls
- 2 pcs. digital read-outs



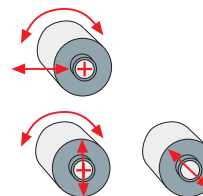
This hydraulic model is designed for light to medium jobs. It is used in jobs up to 10 mm thickness materials. It is used in aluminium bendings, air conditioning channels, advertising panels and machine sheet metal cover parts.



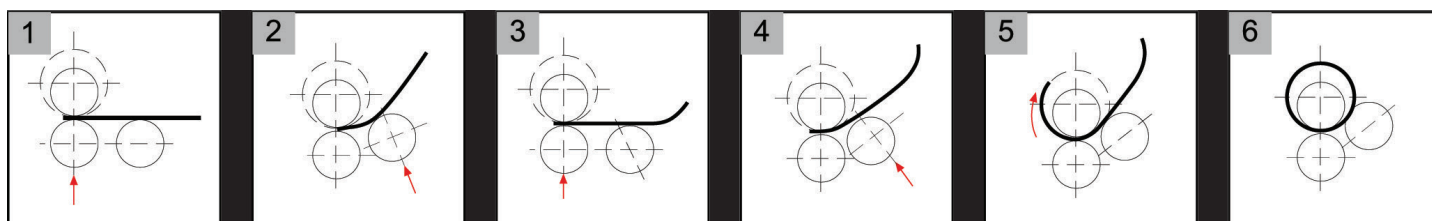
URM-S 25190

Standard Accessories:

- Two rolls powered by a single chain and belt driven helical type gearbox and gear system
- SAE 1050 (CK 45-50) Quality certificated steel rolls with high tensile strength
- Steel welded main frames
- Mechanical manual openable drop-end
- Mobile control panel
- Conical bending device
- Central lubrication system
- Top roll support system
- Precision bending with brake motor
- Motorised adjustment of back roll



This mechanical model is designed for light to medium jobs. It is used in jobs up to 8 mm thickness materials. It is used in aluminium bendings, air conditioning channels, advertising panels and machine sheet metal cover parts.



URM-H

	Useful Length	Pre-Bending Capacity	Bending Capacity	Top and Bottom rolls Ø	Back rolls Ø	Min. Internal dia. Ø	Motor Power	Working Speed	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	mm(x1,5/x5)	kw	m/min	mm	kg
URM-H 6580	650	2,5/3	3/3,5	80	80	120/400	1,1+0,75	5	1950x950x960	800
URM-H 1080	1050	1,5/2	2/2,5	80	80	120/400	1,1+0,75	5	2350x950x960	920
URM-H 1280	1270	1/1,5	1,5/2	80	80	120/400	1,1+0,75	5	2570x950x960	950
URM-H 12100	1270	1,5/2	2/3	100	90	150/450	1,1+0,75	6,5	2570x950x960	1150
URM-H 12130	1270	3/4	4/5	130	130	195/650	2,2+0,75	5	3020x1150x1110	1750
URM-H 12150	1270	4/5	5/7	150	130	225/750	2,2+1,1	6	3020x1150x1110	1825
URM-H 12180	1270	5,5/7,5	7,5/10	180	150	270/900	4,0+1,1	5	3070x1350x1290	2100
URM-H 12200	1270	8/10	10/12	200	180	300/1000	4,0+1,5	6	3070x1350x1290	2200
URM-H 1580	1550	0,5/1	1/1,5	80	80	120/400	1,1+0,75	5	2850x950x960	1100
URM-H 15100	1550	1/1,5	1,5/2	100	90	150/450	1,1+0,75	6,5	2850x950x960	1200
URM-H 15130	1550	2,5/3,5	3,5/4,5	130	130	195/650	2,2+0,75	5	3300x1150x1110	1850
URM-H 15150	1550	3,5/4,5	4,5/6,5	150	130	225/750	2,2+1,1	6	3300x1150x1110	2000
URM-H 15180	1550	5/7	7/9	180	150	270/900	4,0+1,1	5	3350x1350x1290	2310
URM-H 15200	1550	7/9	9/11	200	180	300/1000	4,0+1,5	6	3350x1350x1290	2450
URM-H 15220	1550	8/10	10/12	220	180	330/1100	5,5+1,5	5	3500x1500x1370	3250
URM-H 15250	1550	10/12	12/15	250	200	375/1250	7,5+1,5	5	3500x1500x1370	3600
URM-H 20130	2050	2/3	3/4	130	130	195/650	2,2+0,75	5	3800x1150x1110	2050
URM-H 20150	2050	3/4	4/6	150	130	225/750	2,2+1,1	6	3800x1150x1110	2250
URM-H 20180	2050	4/6	6/8	180	150	270/900	4,0+1,1	5	3850x1350x1290	2690
URM-H 20200	2050	6/8	8/10	200	180	300/1000	4,0+1,5	6	3850x1350x1290	2950
URM-H 20220	2050	7/9	9/11	220	180	330/1100	5,5+1,5	5	4000x1500x1370	3750
URM-H 20250	2050	8/10	10/12	250	200	375/1250	7,5+1,5	5	4000x1500x1370	4200
URM-H 25150	2550	2/3	3/4	150	130	225/750	2,2+1,1	6	4300x1150x1110	2500
URM-H 25180	2550	3/4	4/6	180	150	270/900	4,0+1,1	5	4350x1350x1290	3070
URM-H 25200	2550	4/6	6/8	200	180	300/1000	4,0+1,5	6	4350x1350x1290	3450
URM-H 25220	2550	5/7	7/9	220	180	330/1100	5,5+1,5	5	4500x1500x1370	4250
URM-H 25250	3050	6/8	8/10	250	200	375/1250	7,5+1,5	5	4500x1500x1370	4800
URM-H 30180	3050	2/3	3/4	180	150	270/900	4,0+1,1	5	4850x1350x1290	3450
URM-H 30200	3050	3/4	4/6	200	180	300/1000	4,0+1,5	6	4850x1350x1290	3950
URM-H 30220	3050	4/6	6/8	220	180	330/1100	5,5+1,5	5	5000x1500x1370	4750
URM-H 30250	3050	5/7	7/9	250	200	375/1250	7,5+1,5	5	5000x1500x1370	5400

• Minimum diameter top roll Ø x 1,5 time • Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.



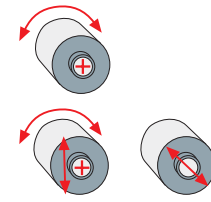
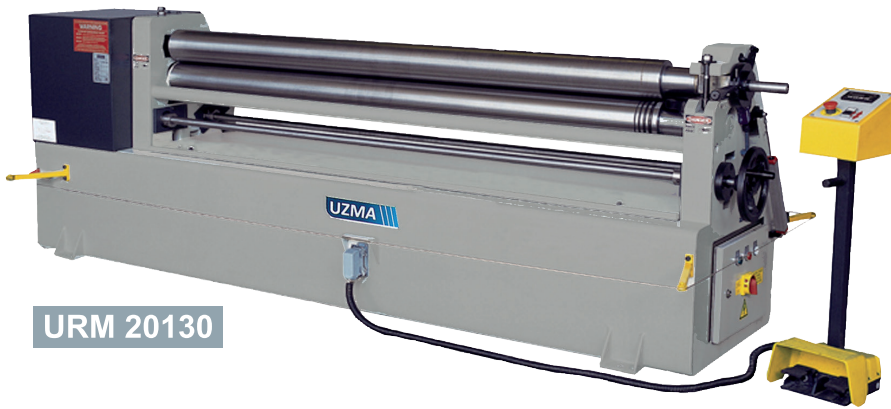
URM-S

	Useful Length	Pre-Bending Capacity	Bending Capacity	Roll diameter	Min. Internal dia. Ø	Motor Power	Back Rolls Motor	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	mm	kW	kW	mm	kg
URM-S 10130	1050	5/6	6/7	130	195	2,2	1,1	2750x650x1020	1200
URM-S 10150	1050	6/7	7/8	150	225	3	1,1	2750x680x1040	1450
URM-S 10170	1050	7/8	8/9	170	255	4	1,1	2850x720x1050	1600
URM-S 10190	1050	8/9	9/10	190	285	4	1,5	3200x950x1300	2450
URM-S 15130	1550	4/5	5/6	130	195	2,2	1,1	3250x650x1020	1400
URM-S 15150	1550	5/6	6/7	150	225	3	1,1	3250x680x1040	1650
URM-S 15170	1550	6/7	7/8	170	255	4	1,1	3350x720x1050	1850
URM-S 15190	1550	7/8	8/9	190	285	4	1,5	3700x950x1300	2750
URM-S 20130	2050	2/3	3/4	130	195	2,2	1,1	3750x650x1020	1600
URM-S 20150	2050	3/4	4/5	150	225	3	1,1	3750x680x1040	1885
URM-S 20170	2050	4/5	5/6	170	255	4	1,1	3850x720x1050	2100
URM-S 20190	2050	5/6	6/7	190	285	4	1,5	4200x950x1300	3100
URM-S 25150	2550	2/3	3/4	150	225	3	1,1	4250x650x1020	2150
URM-S 25180	2550	3/4	4/5	180	270	4	1,5	4350x950x1300	3050
URM-S 25190	2550	4/5	5/6	190	285	4	1,5	4700x950x1300	3400
URM-S 25220	2550	5/6	6/7	220	330	5,5	2,2	4700x1150x1400	5000
URM-S 30160	3050	1,5/2	2/3	160	240	4	1,1	4850x720x1050	2650
URM-S 30190	3050	2/3	3/4	190	285	4	1,5	5200x950x1300	3750
URM-S 30200	3050	3/4	4/5	200	300	4	1,5	5200x950x1300	4000
URM-S 30220	3050	4/5	5/6	220	330	5,5	2,2	5200x1150x1400	6000

• Minimum diameter top roll Ø x 1,5 time • Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

URM Series Plate Bending Machines



Standard Accessories:

- 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 drop-end.
- Top roll support system.
- Wire grooves at the end of the rolls
- Precision bending with brake motor
- Model URM 25140 produced standard with motorised back roll.

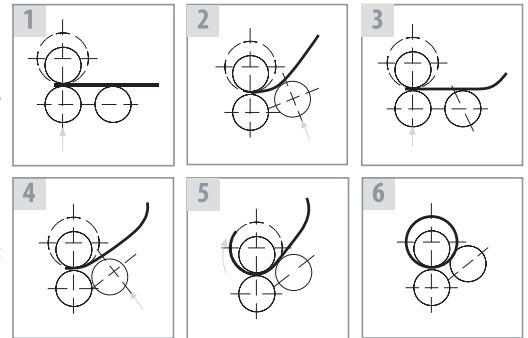
URM

	Useful Length	Bending Capacity	Roll diameter	Motor Power	Back Rolls Motor	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	kW	kW	mm	kg
URM 10110	1050	4	110	2,2	0,75	2200x750x1000	990
URM 10130	1050	5	130	2,2	0,75	2200x750x1000	1200
URM 12120	1270	4	120	2,2	0,75	2470x750x1000	1110
URM 12140	1270	5	140	2,2	0,75	2470x750x1000	1350
URM 15110	1550	3	110	2,2	0,75	2700x750x1000	1200
URM 15140	1550	4	140	2,2	0,75	2700x750x1000	1420
URM 20110	2050	2	110	2,2	0,75	3200x750x1000	1380
URM 20130	2050	3	130	2,2	0,75	3200x750x1000	1500
URM 20140	2050	4	140	2,2	0,75	3200x750x1000	1650
URM 25140	2550	2,5	140	2,2	0,75	3700x750x1000	1850

• Minimum diameter top roll Ø x 5 time

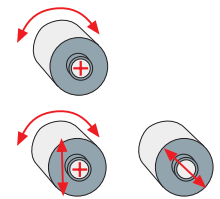
• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.



UM & US Series Plate Bending Machines

This mechanical model is designed for light to medium jobs. It is used in jobs up to 3 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



UM 2095

US 1290



All data are approximate, can be changed without notice.

UM & US							
	Useful Length	Bending Capacity	Roll diameter	Roll Speed	Motor Power	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	mm	kW	mm	kg
UM 1090	1050	3	90	6	1,1	1630x700x1200	455
UM 1290	1270	2,5	90	6	1,1	1850x700x1200	490
UM 1590	1550	2	90	6	1,5	2130x700x1200	545
UM 2095	2050	1,5	95	6	1,5	2630x700x1200	665
US 1090	1050	3	90	—	—	2080x700x1250	410
US 1290	1270	2,5	90	—	—	2300x700x1250	450
US 1590	1550	2	90	—	—	2580x700x1250	560
US 2095	2050	1,5	95	—	—	3080x700x1250	650

• Minimum diameter top roll Ø x 5 time

• Capacities are given for 260 N/mm² plate yielding strength.

Standard Accessories:

- Top and bottom rolls powered by a single gearbox and gear system on UM models
- SAE 1050 quality certificated steel rolls with high tensile strength
- Cast iron main frames
- Mobile control panel by foot pedal on UM models
- Conical bending device
- Manual drop-end
- Wire grooves at the end of the rolls
- Precision bending with brake motor on UM models

UR & U Series Plate Bending Machines

This mechanical model is designed for light to medium jobs. It is used in jobs up to 2 mm thickness materials. Hand powered or motorised models are available. 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 Accessories:

- Top and bottom rolls powered by a single gearbox and gear system on UR models
- SAE 1050 quality certificated steel rolls with high tensile strength
- Cast iron main frames
- Mobile control panel by foot pedal on UR models
- Conical bending device
- Manual drop-end
- Wire grooves at the end of the rolls
- Precision bending with brake motor on UR models

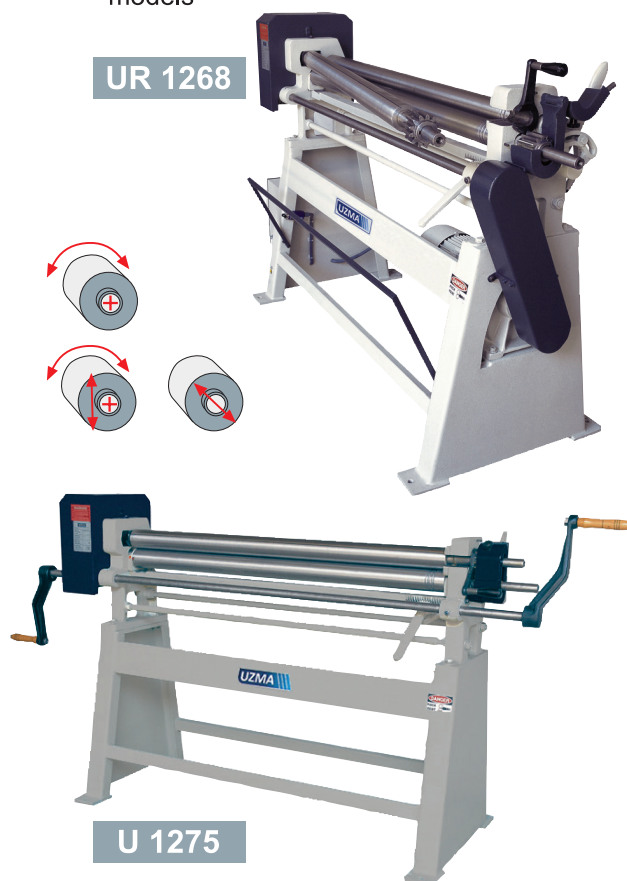
All data are approximate, can be changed without notice.

UR & U						
	Useful Length	Bending Capacity	Roll diameter	Motor Power	Machine Dimensions (LxWxH)	Weight
	mm	mm	mm	kW	mm	kg
UR 1046	1050	0,8	46	0,75	1500x700x1120	210
UR 1056	1050	1,0	56	0,75	1500x700x1120	240
UR 1068	1050	1,5	68	1,5	1610x700x1160	340
UR 1075	1050	2,0	75	1,5	1610x700x1160	385
UR 1268	1270	1,2	68	1,5	1830x700x1160	375
UR 1275	1270	1,5	75	1,5	1830x700x1160	400
UR 1568	1550	1,0	68	1,5	2110x700x1160	400
UR 1575	1550	1,2	75	1,5	2110x700x1160	430
UR 2075	2050	1,0	75	1,5	2610x700x1160	590
U 1046	1050	0,8	46	—	1400x700x1120	160
U 1056	1050	1,0	56	—	1400x700x1120	185
U 1068	1050	1,5	68	—	1930x700x1160	280
U 1075	1050	2,0	75	—	1930x700x1160	300
U 1268	1270	1,2	68	—	2150x700x1160	310
U 1275	1270	1,5	75	—	2150x700x1160	330
U 1568	1550	1,0	68	—	2430x700x1160	350
U 1575	1550	1,2	75	—	2430x700x1160	365
U 2075	2050	1,0	75	—	2930x700x1160	525

• Minimum diameter top roll Ø x 5 time

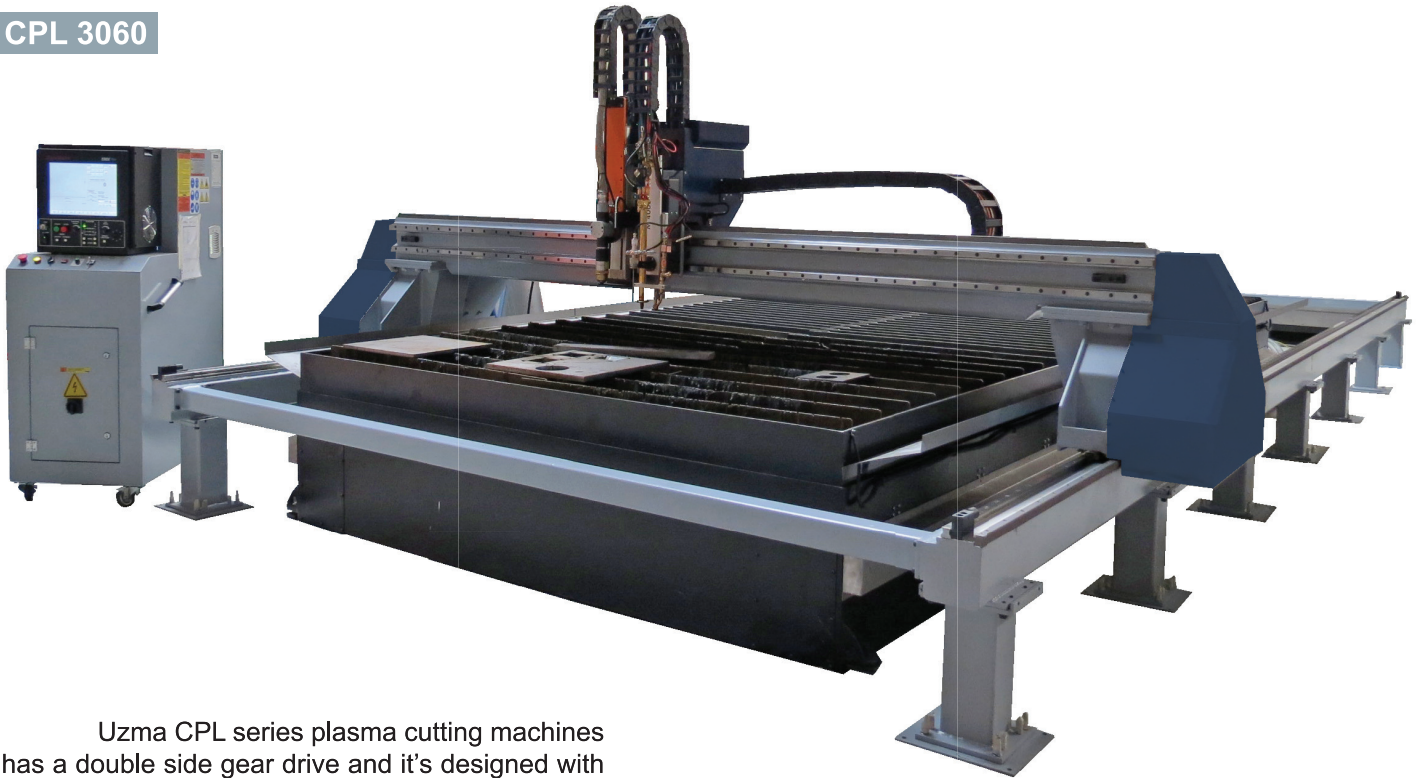
• Capacities are given for 260 N/mm² plate yielding strength.

UR 1268



U 1275

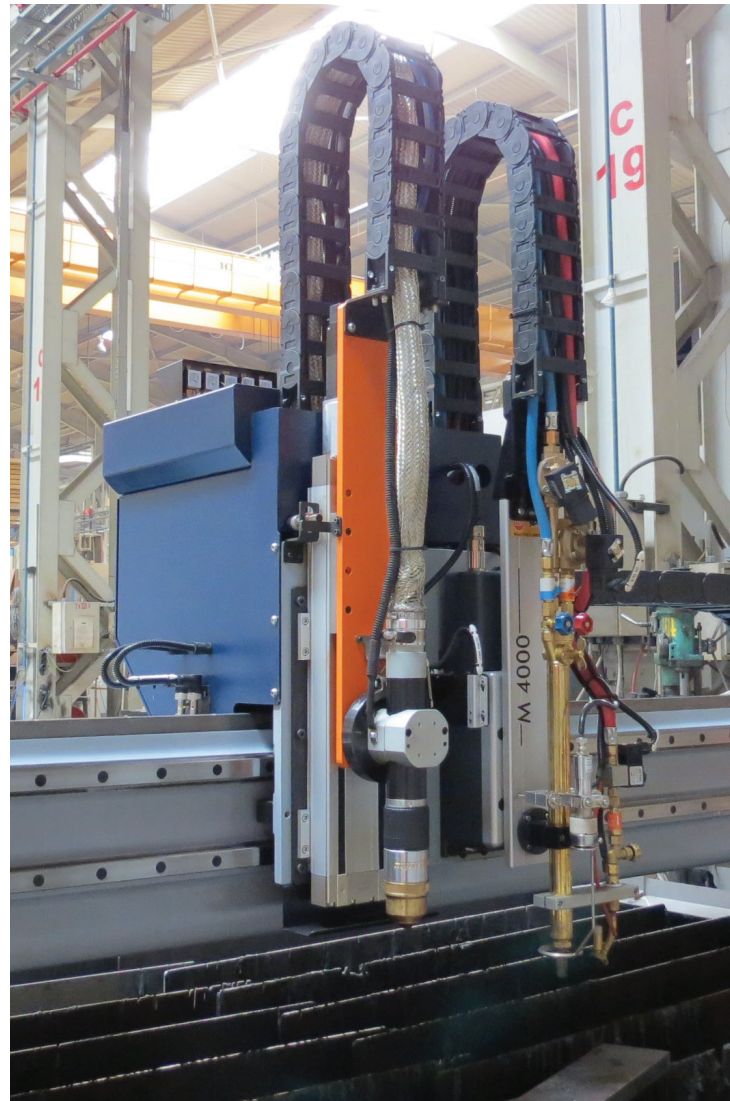
CPL 3060



Uzma CPL series plasma cutting machines has a double side gear drive and it's designed with strong steel construction for positioning capability at high speeds. You will have a precise cutting ability at X-Y axis with linear guide ways and 30m/min speed. It has ability to maintain constant at the same height and the quality, with the Arc-THC control sensor.

Standard Accessories:

- Hypertherm CNC control unit
- Windows based CNC control unit
- Plasma power source hypertherm
- Cutting plate alignment function with laser
- Manual or automatic cut selection
- Torch positioning with laser light
- Automatic ignition torch system
- Automatic torch hight control
- Torch collision protection
- Dual side helical rack, pinion and AC servo motors on X axis which gives smooth and fast motion
- Synchronised drive gives smooth and without vibration motion
- Brushless AC servo motors on all axis
- High precious positioning possibility with linear sledge system on all axis
- Platform type on bridge side or portable CNC control panel
- CNC control outputs/inputs for vacum table & filtering unit
- High vacuming capability with lower energy consaption
- Independent cutting table system
- Multi head plazma and multi head oxy fuel cutting possibilities.
- +/- 0,02 mm positioning accuracy.
- +/- 30m/min positioning speed



Main Features

- Positioning capability at high speeds through double-sided gear drive
- Ability to maintain constant at the same height and the quality with arc control sensor
- 30.000 mm / min speed with linear guide ways. Linear and precise cutting ability at X and Y axis
- Possibility of sorting hundreds of pieces on the plate with single click
- Opportunity to see the duration of the cut and the percentage of the waste on the screen
- Bridging system; cutting dozens of pieces with a single blasting
- Ability to cut different sizes with minimum space and without any quality losses
- Remnant plate stock management database with optional auto nesting program which means saving in time and material.

Mechanical System

- Machine can be manufactured on requested dimensions from 1,5 x 3 meter till 6 x 36 meter
- 1 piece of plasma cutting head is standard and additional plasma head & oxy torches can be added
- Sensitive and rigid body resistance to high speeds
- Y motion system : Linear rail system and precision gear helical rack, pinion
- Double driver rack linear rails
- X axis : Parallel connected to the surface with rack and linear rails

Table System

The cutting tables are designed with air absorbing feature and are automatic cover controlled and changeable grill system. As a result of this design, filter that can be connected to the tables clears poison gas and fume risk and provides clean working area. Tables are produced separate and strong to avoid damage during the loading process pneumatic valves located behind of the table are getting the position codes from the CNC unit and are opening the flaps which are working with pneumatic pistons for the most effective suction

- Strong steel construction
- Pneumatic working
- Automatically opens the area where cutting process is performed
- Structured cutting table for ventilation and smoke extraction system



CPL-C 1530



The next generation XPR plasma cutting systems represent the most significant advance in mechanized plasma cutting technology. Offering unmatched X-Definition cut quality on mild steel, stainless steel and aluminum, the XPR increases cut speed, dramatically improves productivity and slashes operating costs.

X-Definition technology significantly enhances cut quality on mild steel and expands the application of Hypertherm's pioneering HyDefinition process to a broad range of non-ferrous applications.

Improves cut quality and consistency on mild steel

Ensures superior stainless steel cut quality across all thickness ranges.

Extends Hypertherm's HyDefinition process to deliver cleaner, sharper, more consistent edge quality on stainless steel and aluminum

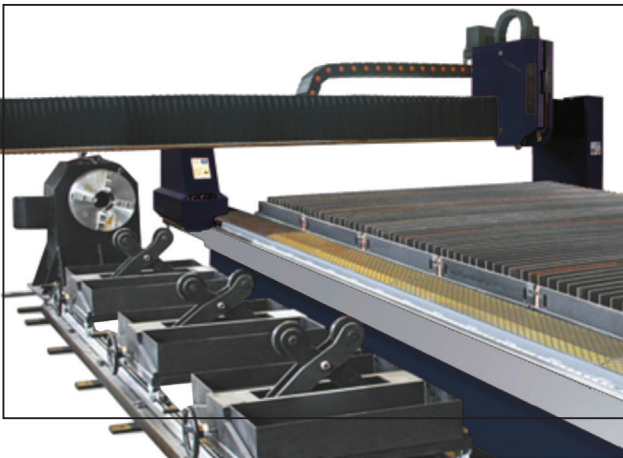


HyPerformance plasma systems deliver superior productivity in X-Y, bevel and robotic cutting and marking applications on metal ranging up to 160 mm (6 1/4") thick. The combination of faster cutting speeds, rapid process cycling, quick changeovers and high reliability boosts throughput while dramatically lowering operating costs.

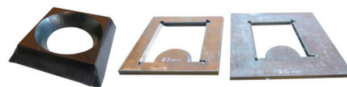
HyPerformance products offer the ultimate in mild steel cutting performance. Hypertherm's HPRXD stainless steel technologies provide superior results from thin to the thickest piercing and cutting applications.



EDGE connect, Hypertherm's newest computer numeric control (CNC) platform, delivers unmatched reliability, powerful embedded capabilities, and a high level of customizability. Based on our proprietary, industry-leading Phoenix CNC platform, the system offers new, advanced software features-including ProNest CNC automatic nesting delivering surecut technology along with enhanced hardware. For easy set up, changes, and upgrades, EDGE connect CNCs can be configured in the field with software specific to the cutting machine application. The easy-to-use system combines advanced cutting performance with an intuitive graphical interface.



Uzma tube & profile cutting system is designed to cut tubes from Ø50 to Ø400 mm precisely. This option is designed to meet the tube/profile cutting requirements of the steel construction industry.



3D - 5 axis cutting head provides an advanced solution where more than one angled cuts are possible. Automatic angle adjustment technology minimizes the production time. This plasma cutting bevel system is capable of cutting all bevel preparation as bevel pipe hole, sharp bottom & top blind bevel, cone bevel, V, X, Y and K bevel cuttings.



ARC glide THC height control using hypertherm's proprietary techniques, the arc glide THC continuously samples arc voltage and automatically adjusts arc voltage for proper torch height over the life of the consumables without requiring operator input.

UHP Series Horizontal Press

UHP 40

with servo backgauge
& NC control



Digital read out



Touch screen NC control

Standard Accessories:

- Steel frame & robust machine design
- Stroke adjustment by digital read out
- Manual or automatic working system
- Easy to change the die by quick change
- Durable construction of tools and tool guides made of high quality and hardened steel
- Foot pedal with digital display and emergency stop switch
- 1 set of pressbrake tooling

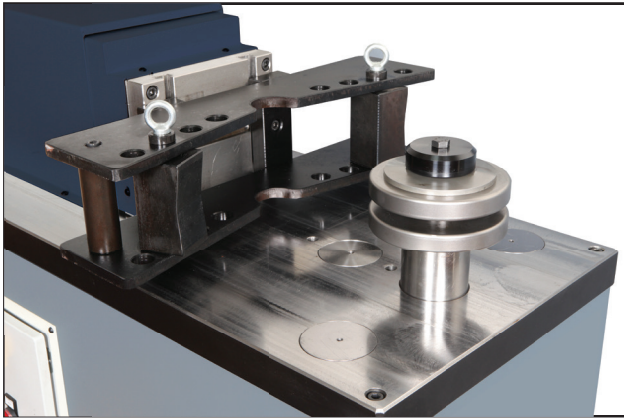
UZMA hydraulic horizontal presses with multi-directional feature, pipe, flat bar, profiles, bars, such as all kinds of materials allows us to perform a large number of different operations such as bending, punching, straightening etc.

With the fast die changing system, you can quickly bend materials like sheet, pipe, profile and rod with suitable molds without wasting time.

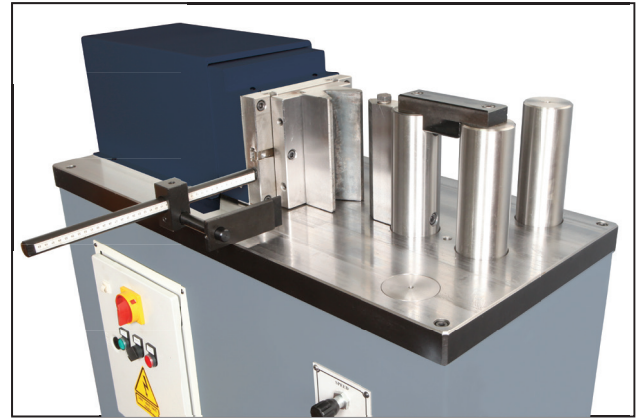
Versatile operation feature and easy usage makes UZMA horizontal press machine an essential machine for metalworking shops.

UHP 80

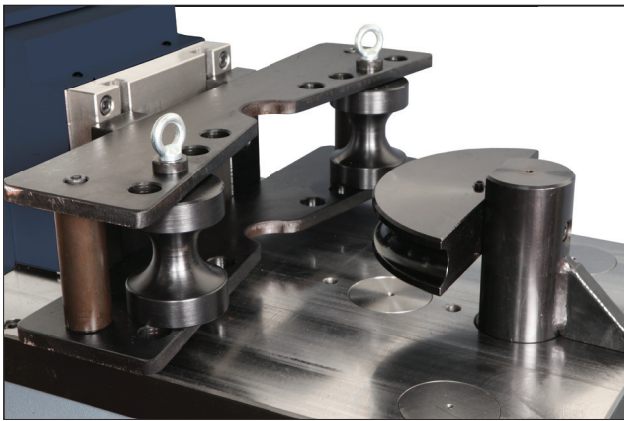




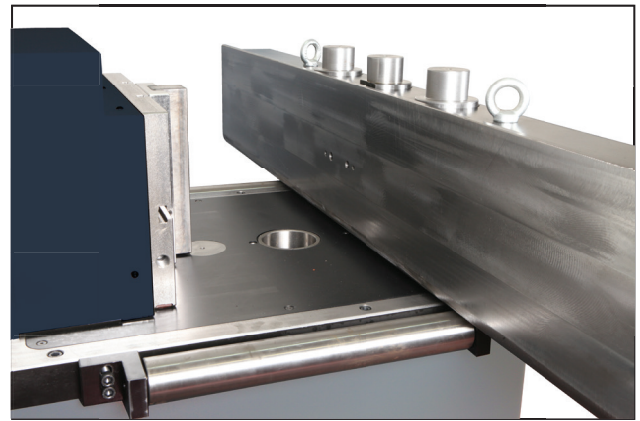
Flat bar bending tool set



Press brake bending tool set



Tube bending tool set



Straightening tool set

		UHP 10	UHP 20	UHP 30	UHP 40	UHP 50	UHP 80	UHP 100
Max pressure at 200 Bars	ton	10	20	30	40	50	80	100 (at 250bar)
Oil tank capacity	lt	12	12	40	40	60	120	120
Bending capacity flat material	mm	150x8	200x12	200x18	200x24	300x15	320x15	320x24
Bending capacity round tubes	mm	42x3,2	48x4,0	60x4,0	60x5,0	76x4,0	114x8	114x10
Max Stroke	mm	185	185	285	285	285	285	285
Diameter of bolts	mm	60	80	80	80	90	105	105
Height of toolings	mm	150	200	250	250	300	300	300
Working speed	mm/sec	10	10	10	10	10	10	10
Return speed	mm/sec	10	10	10	10	10	10	10
Motor power	kw	1.1	2.2	3	4	5.5	10	10
Table size	mm	450x900	480x1060	660x1250	660x1250	600x1250	750x1425	750x1425
Working height	mm	915	930	930mm	930mm	930mm	930mm	930mm
Length	mm	900	1150	1250	1250	1400	1430	1430
Width	mm	450	480	650	650	600	750	750
Height	mm	1130	1200	1250	1250	1500	1450	1450
Net weight	kg	250	530	1050	1050	1450	1700	1700

UKM 65



Working light



Electrical backgauge

UKM series UZMA iron workers are produced as single cylinder and double cylinder models. The single cylinder models has 4 standard stations and the double cylinder models has 5 standard stations, which is capable of a wide range of applications. UZMA iron workers built for high power, quality, reliability and this very durable machines are ideal for cutting all range of angle, I beam and U-section, straight or 45°. Multi station work enables punching, cutting, notching on the same machine.

WORK STATIONS

1-Punching:

With the punching tool, different diameter holes at different thicknesses can be made easily and efficiently. The punches and dies are interchangeable and easy to change. Special tools and punches are available upon request.

2-Steel Bar Shearing:

With this part of the machine square and round bars can be cut quickly. By changing the tools you can also cut U-I or T sections. Special blades are available upon request.

3-Angle Shear:

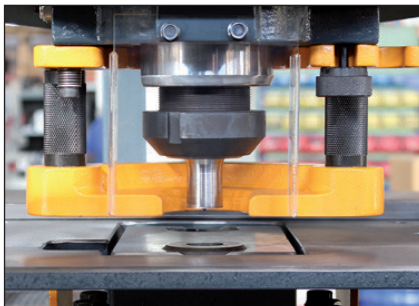
Here with the help of special blades you can cut several types of any angle at 90° or 45° angle sections efficiently.

4-Sheet Metal Shear:

You can do daily sheet metal cutting jobs very easily with shear station.

5-Notching:

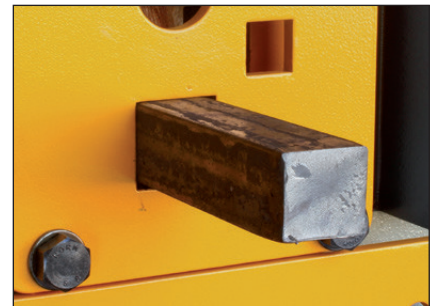
The machine comes with a rectangular notching tool which you can use for general purpose. Special V- notching tools are also available upon request.



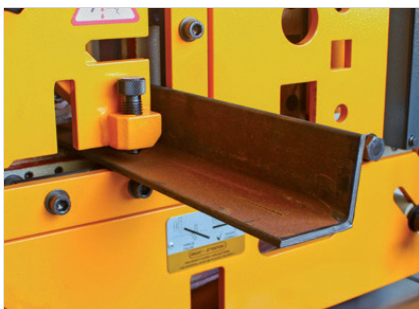
1 Punching station



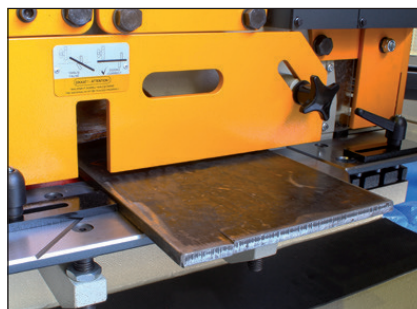
2 Steel bar shearing station



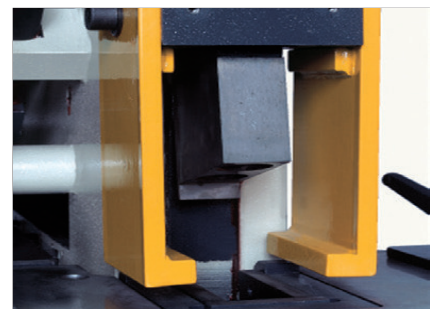
2 Steel bar shearing station



3 Angle shearing station



4 Sheet metal shear station



5 Notching station

Standard Accessories:

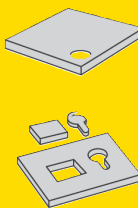
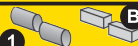
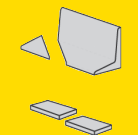
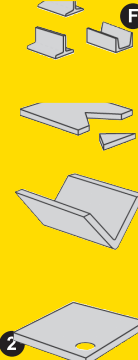
- 2 separate hydraulic piston and foot pedal to allow 2 operator to work at the same time (on UKM 55-65- ... - 175)
- One hydraulic piston, 5 work station. (on UKM 45-60)

- One hydraulic piston, 4 work station. No notching station. (on UKM 40)
- * More productivity with adjustable piston stroke distance
- Central lubrication system
- Electrical backgauge (on UKM 55-65- ... - 175)
- Working light (on UKM 55-65- ... - 175)

UKM 65 Vertical



UKM 60

		UKM	40	45	60	55	65	85	115	175
	A	Diameter x max. thickness (mm)	Ø 20 x 15	Ø 22 x 15	Ø 28 x 15	Ø 20 x 20	Ø 26 x 20	Ø 33 x 20	Ø 34 x 26	Ø 40 x 32
		Diameter x thickness (mm)	Ø 30 x 10	Ø 38 x 8	Ø 38 x 11	Ø 40 x 10	Ø 57 x 10	Ø 57 x 12	Ø 55 x 16	Ø 57 x 22
		Max. diameter x thickness (mm)	Ø 38 x 8	Ø 100 x 3	Ø 110 x 3	Ø 100 x 3	Ø 110 x 3	Ø 110 x 4	Ø 110 x 5	Ø 125 x 5
		Stroke (mm)	50	50	55	60	55	80	80	80
		Stroke count in (20 mm)	20	20	25	25	25	25	25	22
		Throat depth (mm)	175	175	220	255	305	355	355	625
	1		Working height (mm)	970	935	955	1030	1030	1080	1110
	B	Round / Square (mm)	Ø 30 □ 25	Ø 30 □ 25	Ø 40 □ 35	Ø 40 □ 40	Ø 45 □ 45	Ø 50 □ 50	Ø 55 □ 50	Ø 60 □ 55
	C	Angle section (90°) (mm)	80 x 80 x 8	100 x 100 x 10	120 x 120 x 12	120 x 120 x 12	120 x 120 x 12	150 x 150 x 15	150 x 150 x 16	200 x 200 x 20
		Angle section (45°) (mm)	50 x 6	70 x 6	80 x 8	70 x 10	70 x 10	80 x 8	80 x 10	80 x 10
	1		Working height (mm)	1110	1140	1155	1130	1140	1200	1215
	D	Sheet metal (mm)	200 x 13	200 x 15	200 x 20	200 x 20	300 x 20	380 x 20	380 x 25	380 x 30
		Sheet metal (mm)	300 x 6	300 x 12	300 x 15	300 x 15	375 x 15	480 x 15	600 x 15	600 x 20
		Blade Length (mm)	356	316	317	317	380	482	610	610
		Shering with angle (mm)	80 x 10	80 x 10	80 x 10	80 x 15	100 x 15	120 x 15	120 x 15	120 x 15
	1		Working height (mm)	980	935	955	900	900	940	935
	E	Thickness (mm)	—	8	10	10	10	13	13	16
		Width (mm)	—	35	42	45	45	52	60	60
		Depth (mm)	—	75	100	90	90	100	100	100
	1		Working height (mm)	—	935	955	900	900	940	935
	F	U-I Section blades (for UPN - IPN cutting) (mm)	76 x 38	80 x 45	80 x 45	120 x 58	120 x 58	160 x 74	200 x 90	300 x 125
		T Section Blades (mm)	38 x 6	40 x 5	80 x 9	80 x 9	90 x 11	100 x 11	120 x 13	150 x 15
		Special V-Notching tooling (mm)	—	100 x 100 x 8	100 x 100 x 10	100 x 100 x 10	100 x 100 x 10	100 x 100 x 13	100 x 100 x 13	100 x 100 x 16
	V - bending Press Brake	Bar bend max. (mm)	—	100 x 12	100 x 12	250 x 12	250 x 15	250 x 20	250 x 22	250 x 25
		Sheet bend max. (mm)	—	—	—	500 x 3	500 x 3	500 x 4	700 x 3	700 x 4
	Punching on notcher	Throat dept (mm)	—	85	110	125	125	125	125	125
		Max. capacity (mm)	—	Ø 18 x 12	Ø 20 x 12	Ø 38 x 8	Ø 38 x 8	Ø 38 x 10	Ø 38 x 12	Ø 38 x 13
	2									
1 • Standard Equipments 2 • Optional Equipments		Motor power (kw)	3	4	4	5,5	5,5	7,5	11	11
		Length (mm)	1110	1430	1520	1500	1700	1920	2040	2730
		Width (mm)	800	950	950	950	950	950	950	1150
		Height (mm)	1520	1680	1780	1880	1880	2040	2180	2280
		Approx Weight (kg)	580	1165	1440	1520	1600	2315	2920	6000
		Power (Pressure) (ton)	40	45	60	55	65	85	115	175

1 • Standard Equipments

2 • Optional Equipments

UPB Series Profile Bending Machines

UPB 35



Standard Accessories:

- Steel frame
- Two rolls direct driven by a gear system
- Rolls are hardened
- Rolls shafts are special steel material hardened and ground
- Roll shafts housed by bearings
- Standard rolls
- Adjustable guide rolls
- Horizontal and vertical working position

		UPB 30	UPB 35
Roll shaft	(mm)	30	50
Upper Roll Diameter	(mm)	148	155
Bottom Roll Diameter	(mm)	118	155
Working speed	(m/min)	2 - 4	4,5
Motor power	(kw)	0,7 - 0,85	1,5
Length	(mm)	600	750
Width	(mm)	800	1000
Height	(mm)	1450	1400
Approx Weight	(kg)	220	400

All data are approximate, can be changed without notice.

UPB 50



Standard Accessories:

- 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

		UPB 50	UPB 60
Roll shaft	(mm)	50	60
Upper Roll Diameter	(mm)	152	215
Bottom Roll Diameter	(mm)	162	215
Hydraulic Power		8	16
Working speed	(m/min)	4,5	4
Motor power	(kw)	1,1	1,5
Length	(mm)	810	1000
Width	(mm)	950	1400
Height	(mm)	1500	1650
Approx Weight	(kg)	500	950

All data are approximate, can be changed without notice.

UPB 100



Standard Accessories:

- Steel construction welded frame
 - Hardened and ground shafts made of high tensile special steel
 - Rolls are hardened and ground
 - Horizontal and vertical working position
 - Hardened standard rolls
 - Mobile control panel
 - 3 Axis mechanical lateral angle guide rolls
 - Brake motor equipped for the precision bending (UPB 65-80)
 - Digital read-outs (2pcs)
- 3 Rolls are powered (UPB 65-80)
 - 3 Rolls are hydraulic powered by planetary gearbox (UPB 100)

		UPB 65	UPB 80	UPB 100
Upper Roll Shaft	(mm)	60	80	100
Bottom Roll Shaft	(mm)	50	70	100
Roll Diameter	(mm)	180	245	315
Working speed	(m/min)	5	6	7
Motor power	(kw)	3	4	7,5
Length	(mm)	1200	1450	2000
Width	(mm)	850	1000	1450
Height	(mm)	1200	1400	1700
Approx Weight	(kg)	1000	1700	3650

All data are approximate, can be changed without notice.

UPB 240



		UPB 150	UPB 180	UPB 200	UPB 240	UPB 280	UPB 300	UPB 360
Roll Shaft	(mm)	150	180	200	240	280	300	360
Roll Diameter	(mm)	470	580	650	700	750	800	850
Working speed	(m/min)	3 - 6	3 - 6	2 - 6	2 - 4	2 - 4	2 - 4	2 - 4
Motor power	(kw)	22	30	30	44	58	73	77
Length	(mm)	2400	3350	3400	4200	4200	4750	4750
Width	(mm)	2200	2300	2400	2950	3200	3300	3300
Height	(mm)	2200	2300	2300	3200	3300	3400	3400
Approx Weight	(kg)	8850	12000	15000	28500	35000	38500	55000

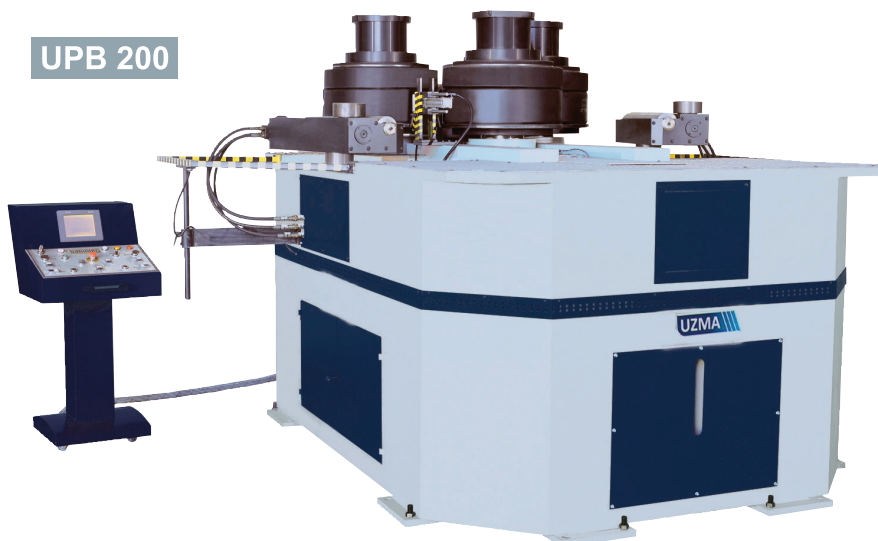
CAPACITY CHART

UPB 30				UPB 35		UPB 50		UPB 60		UPB 65		
	Profile Type	Size	Min. Diameter	Size	Min. Diameter	Size	Min. Diameter	Size	Min. Diameter	Size	Min Diameter	Notes
1		50x10 20x6	800 300	60x10 40x10	500 400	60x10 20x10	600 300	80x20 40x10	1200 400	60x10 20x5	500 250	Standard Rolls
2		80x15 30x6	700 400	100x15 60x10	450 350	100x15 50x10	600 300	120x25 50x10	600 400	80x20 50x5	500 250	Standard Rolls
3		30x30 10x10	900 200	35x35 20x20	900 300	35x35 15x15	600 300	50x50 20x20	800 400	32x32 12x12	400 250	Standard Rolls
4		Ø 30 Ø 10	900 200	Ø 35 Ø 30	600 400	Ø 35 Ø 20	600 300	Ø 50 Ø 20	800 400	Ø 35 Ø 10	350 250	Optional Rolls
5		Ø 60"x1,5 Ø 25x1,5	1000 600	Ø 70x2 Ø 30x2	1000 500	Ø 70x2 Ø 25x1,5	1200 400	Ø 100x2 Ø 60x2	1600 500	Ø 60x2 Ø 15x1,5	600 200	Optional Rolls
6		1 1/2"x2,9 1/4"x1,8	600 300	2"x2,9 1"x2,3	1000 350	2"x2,9 1/2"x2,3	1000 300	3"x3,2 1"x2,6	1600 500	Ø 2"x3,91 Ø 1/2"x2,77	400 200	Optional Rolls
7		50x30x3 40x20x2	1200 800	70x30x2 50x40x3	1200 1200	70x30x3 30x15x2	1500 400	80x40x3 40x20x2	1400 500	50x25x3 20x15x2	450 250	Optional Rolls
8		40x3 30x2	1200 800	50x3 40x3	1700 600	50x3 20x2	1600 400	70x3 40x2	1600 500	45x3 20x2	600 300	Optional Rolls
9		40x40x5 30x30x4	600 300	50x50x5 40x40x5	800 600	50x50x6 30x30x3	600 400	70x70x7 40x40x5	1000 500	60x60x6 30x30x4	650 350	Optional Rolls
10		35x35x5 30x30x4	600 400	50x50x6 30x30x3	1000 500	50x50x6 30x30x3	900 600	70x70x7 40x40x5	1200 600	50x50x5 30x30x4	550 350	Optional Rolls
11		50x6 20x3	600 400	60x7 50x6	700 500	60x7 30x4	800 500	80x9 40x5	1000 400	60x7 20x3	550 250	Standard Rolls
12		50x6 20x3	600 400	60x7 50x6	700 500	50x6 30x4	800 500	80x9 40x5	1200 500	50x6 20x3	500 250	Standard Rolls
13		50x6 20x3	600 400	60x7 50x6	700 500	60x7 30x4	800 500	80x9 40x5	1000 400	60x70 20x3	500 250	Standard Rolls
14				UPN 80 UPN 60	1000 700	UPN 80 UPN 30	800 400	UPN 120 UPN 60	800 500	UPN 80 UPN 30	600 250	Standard Rolls
15				UPN 80 UPN 30	1200 800	UPN 80 UPN 30	1200 600	UPN 120 UPN 60	1200 600	UPN 65 UPN 30	600 250	Standard Rolls
16										IPN 80	600	Optional Rolls

• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

UPB 200



Standard Accessories:

- Steel construction welded frame
- 3 Rolls are powered by hydromotor and 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 (1 pcs)
- 3 axis hydraulic lateral angle guide rolls

CAPACITY CHART

		UPB 80		UPB 100		UPB 120		UPB 160		
	Profile Type	Size	Min. Diameter	Size	Min. Diameter	Size	Min. Diameter	Size	Min. Diameter	Notes
1		100x20 80x20 30x10	2000 800 300	100x20 30x10	800 400	125x25 30x10	1200 500	150x40 50x10	2500 700	Standard Rolls
2		125x25 60x5	600 300	200x30 160x35 80x5	1200 800 400	200x50 100x10	1000 500	280x50 120x15	1500 700	Standard Rolls
3		45x45 15x15	500 380	60x60 15x15	750 400	65x65 20x20	750 500	90x90 30x30	1500 700	Standard Rolls
4		Ø 50 Ø 15	500 380	Ø 75 Ø 15	800 450	Ø 80 Ø 20	850 500	Ø 90 Ø 30	1800 700	Optional Rolls
5		Ø 100 x 2,5 Ø 15x1	1200 380	Ø 125x2,5 Ø 15x1	1400 450	Ø 160x4 Ø 140x3 Ø 50x2	2800 1500 500	Ø 180x4 Ø 60x2	4000 700	Optional Rolls
6		Ø 3"x5,48 Ø 1/2"x2,77	800 380	Ø 4"x6,02 Ø 1/2"x2,77	1000 450	Ø 5"x6,35 Ø 3/4"x2,87	1500 500	Ø 6"x7,11 Ø 1"x3,78	2500 700	Optional Rolls
7		80x25x3 25x15x2	800 350	100x40x4 25x15x2	1300 450	120x40x4 30x20x3	1800 500	150x50x5 60x30x3	3000 700	Optional Rolls
8		70x3 25x2	1300 400	80x5 25x2	1500 450	90x5 30x3	1800 500	120x8 40x3	3000 700	Optional Rolls
9		80x80x8 30x30x3	800 450	100x100x12 40x40x4	1000 700	120x120x12 40x40x4	1200 600	150x150x18 50x50x5	2200 1000	Optional Rolls
10		70x70x7 30x30x3	700 450	100x100x10 40x40x4	1000 550	100x100x10 40x40x4	1200 600	150x150x15 50x50x5	3000 1200	Optional Rolls
11		80x9 25x3,5	800 280	100x11 30x4	1000 400	100x11 30x4	800 500	150x15	2000	Standard Rolls
12		70x8 25x3,5	800 280	90x10 30x4	1000 400	100x11 30x4	1000 500	130x15	2500	Standard Rolls
13		80x9 30x4	800 300	100x11 30x4	1000 400	100x11 30x4	800 500	150x15	2000	Optional Rolls
14		UPN 140 UPN 120 UPN 100	1600 900 600	UPN 180 UPN 30	900 400	UPN 220 UPN 180 UPN 40	1000 800 500	UPN 300	2000	Standard Rolls
15		UPN 140 UPN 120 UPN 100	1600 1000 800	UPN 180 UPN 30	1000 400	UPN 220 UPN 180 UPN 40	1200 900 600	UPN 300	2500	Standard Rolls
16		IPN 120 IPN 80	600 400	IPN 180 IPN 80	1000 400	IPN 220 IPN 80	1000 500	IPN 300	2500	Optional Rolls
17				HEB 100 HEA 120	1200 1000	HEB 120 HEA 140	1200 1200	HEB 180	3000	Optional Rolls
18						UPN 120 UPN 50	5000 1000	UPN 180 UPN 120	8000 3000	Optional Rolls
19						IPN 160 IPN 140 IPN 80	5000 4000 1200	IPN 200 IPN 100	5000 2000	Optional Rolls
20						HEB 100 HEA 120	1600 3000	HEB 140 HEA 160	2500 4000	Optional Rolls

• Capacities are given for 260 N/mm² plate yielding strength.

All data are approximate, can be changed without notice.

UPB-4 90



UPB-4 70



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.

Standard Accessories:

- 4 rolls machine.
- Steel welded construction frame.
- 3 rolls are hydraulic powered by planetary gear box (UPB-4 90-110)
- 2 rolls are hydraulic powered by planetary gear box (UPB-4 70)
- Hardened and ground shafts made of high tensile special steel.
- Rolls are hardened and ground in the hole.
- Bottom and lateral rolls hydraulic movable up-down.
- Horizontal and vertical working position.
- 3+3 Axis hydraulic lateral angle guide rolls (UPB-4 90-110)
- 2+2 Axis mechanical lateral angle guide rolls (UPB-4 70)
- Mobile control panel.

		UPB-4 70	UPB-4 90	UPB-4 110
Roll Shaft	(mm)	70	90	110
Roll Diameter	(mm)	200	260	320
Working speed	(rpm)	8	6	5
Motor power	(kw)	3	5,5	7,5
Length	(mm)	1200	1700	2000
Width	(mm)	1100	1450	1700
Height	(mm)	800	1200	1250
Approx Weight	(kg)	1400	2800	4500

All data are approximate, can be changed without notice.

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