

Hydraulic 4 Rolls Plate Bending Machines

MODEL UHSS-4



UHSS-4 30350

TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Very suitable for medium and heavy plates or stainless steel
- Ferrules in full circle or varying radiuses can be done easily
- Pinch Roll and Lateral Rolls move with hydraulic pistons
- Overload Protection
- Top Roll and Lateral Rolls are powered by hydromotor and planetary gearbox
- 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) Steel Rolls
- Conical Bending device
- Central lubrication system
- Hydraulic or electronic balancing system
- Built according to EC Safety Directives and has CE Mark
- Double Speed Working system

OPTIONAL EQUIPMENT

- Automation with NC and CNC Control
- Overhead Crane for large diameters
- Hydraulic Lateral Side Supports for large diameters
- Hydraulic plate ejector
- Interchangeable top roll for smaller diameter bending
- Ground and polished rolls
- Infinitely variable speed system



UHSS-4 30245

TECHNICAL SPECIFICATIONS

			Min Diameter = top roll Øx5		Min Diameter = top roll Øx1.5							
№	MODEL	Bending Length	Without prebending	With prebending	Without prebending	With prebending	Top roll Ø	Bottom roll Ø	Motor power	Working speed	Length Width Height	Weight
		MM	MM	MM	MM	MM	MM	MM	kw	M/МИН	MM	kg
1	UHSS-4 20280	2050	20	16	12	280	220	15	1,5 - 5	4500x1850x1800	7000	
2	UHSS-4 20320	2050	25	20	16	320	240	18,5	1,5 - 5	4700x1900x1900	9000	
3	UHSS-4 20350	2050	30	25	20	350	260	22	1,5 - 5	5000x2000x1900	11000	
4	UHSS-4 20380	2050	40	30	25	380	280	30	1,5 - 5	5000x2450x2000	13000	
5	UHSS-4 20400	2050	45	35	30	400	300	37	1,5 - 5	5200x2400x2300	15000	
6	UHSS-4 20-60	2050	50	40	35	460	380	45	1,5 - 5	5500x2400x2600	20000	
7	UHSS-4 20500*	2050	55	50	40	500	400	45	1.-.4	5500x3000x2600	30000	
8	UHSS-4 20550*	2050	60	50	45	550	450	66	1.-.4	5500x3000x2900	40000	
9	UHSS-4 25280	2550	16	12	10	280	220	15	1,5 - 5	5000x1850x1800	8500	
10	UHSS-4 25320	2550	20	16	12	320	240	18,5	1,5 - 5	5200x1900x1900	11000	
11	UHSS-4 25350	2550	25	20	16	350	260	22	1,5 - 5	5500x2000x1900	13000	
12	UHSS-4 25380	2550	30	25	20	380	280	30	1,5 - 5	5500x2450x2000	16000	
13	UHSS-4 25400	2550	40	30	25	400	300	37	1,5 - 5	5700x2400x2300	18000	
14	UHSS-4 25460	2550	45	35	30	460	380	45	1,5 - 5	6000x2400x2600	22500	
15	UHSS-4 25500	2550	50	40	35	500	400	45	1.-.4	6000x3000x2600	33000	
16	UHSS-4 25550	2550	55	45	40	550	450	66	1.-.4	6000x3000x2900	43500	
17	UHSS-4 30280	3100	12	10	8	280	220	15	1,5 - 5	5500x1700x1800	10000	
18	UHSS-4 30320	3100	16	12	10	320	240	18,5	1,5 - 5	5700x1800x1900	13000	
19	UHSS-4 30350	3100	20	16	12	350	260	22	1,5 - 5	6000x2200x1900	15000	
20	UHSS-4 30380	3100	25	20	16	380	280	30	1,5 - 5	6000x2300x2000	18000	
21	UHSS-4 30400	3100	30	25	20	400	300	37	1,5 - 5	6200x2300x2300	20000	
22	UHSS-4 30460	3100	40	30	25	460	380	45	1,5 - 5	6500x2400x2600	25000	
23	UHSS-4 30500*	3100	45	35	30	500	400	45	1.-.4	6500x2500x2600	36000	
24	UHSS-4 30550*	3100	50	40	35	550	450	66	1.-.4	6500x2850x2900	47000	
25	UHSS-4 40280	4100	8	6	4	280	220	15	1,5 - 5	6500x1700x1800	13000	
26	UHSS-4 40320	4100	10	8	6	320	240	18,5	1,5 - 5	6700x1800x1900	16000	
27	UHSS-4 40350	4100	12	10	8	350	260	22	1,5 - 5	7000x2200x1900	19000	
28	UHSS-4 40380	4100	16	12	10	380	280	30	1,5 - 5	7000x2300x2000	22000	
29	UHSS-4 40400	4100	20	16	12	400	300	37	1,5 - 5	7200x2300x2300	25000	
30	UHSS-4 40460	4100	25	20	16	460	380	45	1,5 - 5	7500x2400x2600	30000	
31	UHSS-4 40500*	4100	35	25	20	500	400	45	1.-.4	7500x2500x2600	42000	
32	UHSS-4 40550*	4100	40	30	25	550	450	66	1.-.4	7500x2850x2900	54000	

Plate bending capacities are given for 24 kg/mm² plate yielding strength.

Hydraulic 4 Rolls Plate Bending Machines

MODEL UHS-4



UHS-4 30190

TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Very suitable for light and medium plates, aluminum or stainless steel
- Ferrules in full circle or varying radiuses can be done easily
- Pinch Roll and Lateral Rolls move with hydraulic pistons
- Overload Protection
- Top Roll is powered by hydromotor and planetary gearbox
- 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) Steel Rolls
- Conical Bending device
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- Hydraulic balancing system
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OPTIONAL EQUIPMENT

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No	MODEL	Bending Length	Without prebending	With prebending	Without prebending	With prebending	Top roll Ø	Bottom roll Ø	Motor power	Working speed	Width Height Length	Weight
		MM	MM	MM	MM	MM	MM	MM	kw	m/min	MM	kg
1	UHS-4 10150	1050	8	6	4	150	130	4	1,5 - 6		2500x850x950	1300
2	UHS-4 10170	1050	9	7	5	170/160	150	4	1,5 - 6		2500x900x1000	1600
3	UHS-4 15150	1550	6	4	3	150	130	4	1,5 - 6		3000x850x950	1650
4	UHS-4 15170	1550	8	6	4	170/160	150	4	1,5 - 6		3000x900x1000	1950
5	UHS-4 20150	2050	4	3	2	150	130	4	1,5 - 6		3500x850x950	2000
6	UHS-4 20170	2050	6	4	3	170/160	150	4	1,5 - 6		3500x900x1000	2300
7	UHS-4 20190	2050	8	6	4	190	150	7,5	1,5 - 6		3500x1100x1300	3500
8	UHS-4 20220	2050	10	8	6	220	160	7,5	1,5 - 6		3700x1200x1400	4500
9	UHS-4 20245	2050	13	10	8	245	180	7,5	1,5 - 6		4000x1500x1500	6000
10	UHS-4 20260	2050	16	13	10	260	200	7,5	1,5 - 6		4000x1600x1700	6500
11	UHS-4 25190	2550	6	4	3	190	150	7,5	1,5 - 6		4000x1100x1300	4000
12	UHS-4 25220	2550	8	6	4	220	160	7,5	1,5 - 6		4200x1200x1400	5000
13	UHS-4 25245	2550	10	8	6	245	180	7,5	1,5 - 6		4500x1500x1500	6600
14	UHS-4 25260	2550	13	10	8	260	200	7,5	1,5 - 6		4500x1600x1700	7200
15	UHS-4 30190	3100	5	3	2	190	150	7,5	1,5 - 6		4500x1100x1300	4500
16	UHS-4 30220	3100	7	5	3	220	160	7,5	1,5 - 6		4700x1200x1400	5500
17	UHS-4 30245	3100	8	6	4	245	180	7,5	1,5 - 6		5000x1500x1500	7200
18	UHS-4 30260	3100	10	8	6	260	200	7,5	1,5 - 6		5000x1600x1700	7900
19	UHS-4 40260	4100	6	4	3	260	200	7,5	1,5 - 6		6000x1600x1700	9300

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