

3 Rolls Hydraulic Plate Bending Machines

MODEL UHSS - 3



UHSS-3 30350

TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Very suitable for medium and heavy plates, aluminum or stainless steel
- Ferrules in full circle or varying radiuses can be done easily
- Lateral Rolls move with hydraulic pistons
- Overload Protection
- Lateral Rolls and Top Roll is 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
- 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

- Overhead Crane for large diameters
- Hydraulic Lateral Side Supports for large diameters
- Interchangeable top roll for smaller diameter bending
- Ground and polished rolls
- Profile bending rolls

TECHNICAL SPECIFICATIONS

			Min Diameter = top roll Øx5		Min Diameter = top roll Øx1.5							
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	UHSS-3 20320	2050	25	20	16	320	310	22	1,5 - 5		4200x1650x1850	10500
2	UHSS-3 20350	2050	30	25	20	350	330	22	1,5 - 5		4500x1700x1850	11000
3	UHSS-3 20380	2050	35	30	25	380	360	30	1,5 - 5		5000x2000x1900	13000
4	UHSS-3 20420	2050	40	35	30	420	400	37	1,5 - 5		5000x2200x2000	16000
5	UHSS-3 20460	2050	50	40	35	460	440	45	1,5 - 5		5000x2350x2300	21000
6	UHSS-3 20500*	2050	55	45	40	500	480	51	1. - 4		5200x2500x2800	30000
7	UHSS-3 20550*	2050	60	50	45	550	530	66	1. - 4		5500x2600x3000	35000
8	UHSS-3 25320	2550	20	16	13	320	310	22	1,5 - 5		4700x1650x1850	11500
9	UHSS-3 25350	2550	25	20	16	350	330	22	1,5 - 5		5000x1700x1850	12000
10	UHSS-3 25380	2550	30	25	20	380	360	30	1,5 - 5		5500x2000x1900	15000
11	UHSS-3 25420	2550	35	30	25	420	400	37	1,5 - 5		5500x2200x2000	18000
12	UHSS-3 25460	2550	45	35	30	460	440	45	1,5 - 5		5500x2350x2300	23000
13	UHSS-3 25500*	2550	50	40	35	500	480	51	1. - 4		5800x2500x2800	33000
14	UHSS-3 25550*	2550	55	45	40	550	530	66	1. - 4		6000x2600x3000	40000
15	UHSS-3 30320	3100	16	13	10	320	310	22	1,5 - 5		5200x1650x1850	13500
16	UHSS-3 30350	3100	20	16	13	350	330	22	1,5 - 5		5500x1700x1850	14000
17	UHSS-3 30380	3100	25	20	16	380	360	30	1,5 - 5		6000x2000x1900	17000
18	UHSS-3 30420	3100	30	25	20	420	400	37	1,5 - 5		6000x2200x2000	21000
19	UHSS-3 30460	3100	40	30	25	460	440	45	1,5 - 5		6000x2350x2300	24000
20	UHSS-3 30500*	3100	45	35	30	500	480	51	1. - 4		6200x2500x2800	35000
21	UHSS-3 30550*	3100	50	40	35	550	530	66	1. - 4		6500x2600x3000	43000
22	UHSS-3 40320	4100	10	8	6	320	310	22	1,5 - 5		6200x1650x1850	15500
23	UHSS-3 40350	4100	12	10	8	350	330	22	1,5 - 5		6500x1700x1850	18000
24	UHSS-3 40380	4100	16	13	10	380	360	30	1,5 - 5		7000x2000x1900	21000
25	UHSS-3 40420	4100	20	16	13	420	400	37	1,5 - 5		7000x2200x2000	26000
26	UHSS-3 40460	4100	30	20	16	460	440	45	1,5 - 5		7000x2350x2300	32000
27	UHSS-3 40500*	4100	35	25	20	500	480	51	1. - 4		7200x2500x2800	40000
28	UHSS-3 40550*	4100	40	30	25	550	530		1. - 4		7500x2600x3000	50000

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

3 Rolls Hydraulic Plate Bending Machines

MODEL UHS – 3



UHS-3 40240

TECHNICAL SPECIFICATIONS AND STANDARD ACCESSORIES

- Very suitable for light and medium plates, aluminum or stainless steel
- Ferrules in full circle or varying radii can be done easily
- Lateral Rolls move with hydraulic pistons
- 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
- Digital Read-Out
- Welded Steel frames
- Induction hardened, hot rolled SAE 1050 (CK 45) Steel Rolls
- Conical Bending device
- Hydraulic balancing system
- Built according to EC Safety Directives and has CE Mark

OPTIONAL EQUIPMENT

- Overhead Crane for large diameters
- Hydraulic Lateral Side Supports for large diameters
- Interchangeable top roll for smaller diameter bending
- Ground and polished rolls
- Profile bending rolls
- Infinitely variable speed adjustment

TECHNICAL SPECIFICATIONS

			Min Diameter = top roll Øx5		Min Diameter = top roll Øx1.5							
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		MM	kg
1	UHS-3 20210	2050	10	8	6	210	190	6	5		2700x1100x1250	3800
2	UHS-3 20240	2050	13	10	8	240	220	6	5		3300x1250x1350	5600
3	UHS-3 20280	2050	16	13	10	280	260	8	5		3400x1250x1500	7600
4	UHS-3 20300	2050	20	16	13	300	280	11	5		3850x1420x1680	8100
5	UHS-3 25210	2550	8	6	4	210	190	6	5		3200x1100x1250	4200
6	UHS-3 25240	2550	10	8	6	240	220	6	5		3800x1250x1350	6100
7	UHS-3 25280	2550	13	10	8	280	260	8	5		3900x1250x1500	7200
8	UHS-3 25300	2550	16	13	10	300	280	11	5		4450x1420x1680	9100
9	UHS-3 30210	3100	6	4	3	210	190	6	5		3700x1100x1250	4700
10	UHS-3 30240	3100	8	6	4	240	220	6	5		4300x1250x1350	6600
11	UHS-3 30280	3100	10	8	6	280	260	8	5		4400x1250x1500	8500
12	UHS-3 30300	3100	13	10	8	300	280	11	5		4950x1420x1680	9900
13	UHS-3 40240	4100	4	3	2	240	220	6	5		5300x1250x1350	7600
14	UHS-3 40280	4100	6	4	3	280	260	8	5		5400x1250x1500	10800
15	UHS-3 40300	4100	8	6	4	300	280	11	5		5950x1420x1680	11800

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