ROUNDO Plate Bending Machines type PS.

Capacities and specifications in mm.

Machine size	Prebending Capacity	Rolling capacity down to bending diameter:			Diameter of all rolls	Motor kW	Net weight tons 1)	Gross weight tons 1)	Dimensions of basic machine L x W x H 1)		
		3 x top roll dia	5 x top roll dia	3000 - 5000 mm					L	W	H
205	1500 x 6	1500 x 10	1500 x 12	1500 x 14	205	4	3.2	3.6	2560	1065	1210
230	1500 x 8	1500 x 13	1500 x 15	1500 x 17	230	5.5	4.6	5.1	2940	1175	1330
255	1500 x 10	1500 x 16	1500 x 18	1500 x 19	255	5.5	4.9	5.4	2940	1175	1330
280	1500 x 12	1500 x 20	1500 x 22	1500 x 23	280	7.5	6.3	6.9	3140	1490	1630
310	1500 x 14	1500 x 23	1500 x 25	1500 x 27	310	11	6.8	7.4	3140	1490	1630
340	1500 x 20	1500 x 26	1500 x 29	1500 x 32	340	22	11.1	11.8	3640	1700	1960
360	1500 x 26	1500 x 30	1500 x 34	1500 x 38	360	22	12.3	13.1	3770	1900	2050
390	1500 x 32	1500 x 37	1500 x 44	1500 x 46	390	30	14.4	15.3	3805	2170	2355
460	1500 x 38	1500 x 46	1500 x 54	1500 x 56	460	37	24.0	25.2	4050	2540	2605
500	1500 x 45	1500 x 53	1500 x 62	1500 x 65	500	51	29.8	31.3	4500	2520	2985
550	1500 x 51	1500 x 68	1500 x 80	1500 x 85	550	59	35.0	36.8	4750	2870	3190
600	1500 x 66	1500 x 78	1500 x 93	1500 x 96	600	74	42.0	44.0	4780	3220	3565
205	2000 x 6	2000 x 9	2000 x 11	2000 x 13	205	4	3.5	4.0	3060	1065	1210
230	2000 x 8	2000 x 13	2000 x 15	2000 x 17	230	5.5	5.1	5.7	3440	1175	1330
255	2000 x 10	2000 x 15	2000 x 17	2000 x 18	255	5.5	5.6	6.1	3440	1175	1330
280	2000 x 12	2000 x 18	2000 x 19	2000 x 20	280	7.5	7.1	7.7	3640	1490	1630
310	2000 x 14	2000 x 20	2000 x 22	2000 x 24	310	11	7.8	8.4	3640	1490	1630
340	2000 x 18	2000 x 22	2000 x 26	2000 x 28	340	22	12.2	12.9	4140	1700	1960
360	2000 x 22	2000 x 28	2000 x 33	2000 x 35	360	22	13.5	14.3	4270	1900	2050
390	2000 x 28	2000 x 32	2000 x 37	2000 x 40	390	30	16.0	17.0	4305	2170	2355
460	2000 x 32	2000 x 41	2000 x 48	2000 x 51	460	37	26.0	27.3	4550	2540	2605
500	2000 x 40	2000 x 46	2000 x 55	2000 x 57	500	51	32.2	33.8	5000	2520	2985
550	2000 x 45	2000 x 60	2000 x 70	2000 x 73	550	59	38.0	40.0	5250	2870	3190
600	2000 x 53	2000 x 68	2000 x 80	2000 x 83	600	74	45.6	47.8	5280	3220	3565
205	2500 x 5	2500 x 8	2500 x 10	2500 x 11	205	4	4.1	4.6	3560	1065	1210
230	2500 x 6	2500 x 12	2500 x 14	2500 x 16	230	5.5	5.7	6.3	3940	1175	1330
255	2500 x 8	2500 x 14	2500 x 15	2500 x 17	255	5.5	6.2	6.8	3940	1175	1330
280	2500 x 10	2500 x 16	2500 x 17	2500 x 18	280	7.5	7.9	8.6	4140	1490	1630
310	2500 x 12	2500 x 18	2500 x 20	2500 x 22	310	11	9.8	10.5	4140	1490	1630
340	2500 x 15	2500 x 20	2500 x 23	2500 x 25	340	22	13.3	14.1	4640	1700	1960
360	2500 x 20	2500 x 26	2500 x 30	2500 x 33	360	22	14.8	15.7	4770	1900	2050
390	2500 x 25	2500 x 30	2500 x 34	2500 x 36	390	30	17.8	19.0	4805	2170	2355
460	2500 x 30	2500 x 36	2500 x 43	2500 x 45	460	37	28.0	29.4	5050	2540	2605
500	2500 x 35	2500 x 42	2500 x 50	2500 x 52	500	51	34.6	36.3	5500	2520	2985
550	2500 x 40	2500 x 53	2500 x 62	2500 x 65	550	59	41.6	43.8	5750	2870	3190
600	2500 x 50	2500 x 60	2500 x 72	2500 x 74	600	74	49.0	51.3	5780	3220	3565
205	3000 x 4	3000 x 7	3000 x 8	3000 x 10	205	4	4.5	5.1	4060	1065	1210
230	3000 x 5	3000 x 8	3000 x 10	3000 x 11	230	5.5	6.2	6.9	4440	1175	1330
255	3000 x 6	3000 x 11	3000 x 12	3000 x 14	255	5.5	7.0	7.7	4440	1175	1330
280	3000 x 8	3000 x 13	3000 x 15	3000 x 16	280	7.5	8.7	9.4	4640	1490	1630
310	3000 x 10	3000 x 16	3000 x 18	3000 x 19	310	11	10.8	11.5	4640	1490	1630
340	3000 x 12	3000 x 18	3000 x 21	3000 x 23	340	22	14.5	15.3	5140	1700	1960
360	3000 x 15	3000 x 22	3000 x 27	3000 x 30	360	22	16.3	17.2	5270	1900	2050
420	3000 x 20	3000 x 26	3000 x 31	3000 x 33	420	30	19.5	20.7	5305	2170	2355
460	3000 x 25	3000 x 33	3000 x 40	3000 x 41	460	37	30.0	31.5	5550	2540	2605
500	3000 x 30	3000 x 38	3000 x 45	3000 x 47	500	51	37.0	38.8	6000	2520	2985
550	3000 x 35	3000 x 48	3000 x 57	3000 x 59	550	59	45.0	47.3	6250	2870	3190
600	3000 x 45	3000 x 55	3000 x 65	3000 x 67	600	74	52.5	55.0	6280	3220	3565
205	3500 x 3	3500 x 5	3500 x 6	3500 x 8	205	4	5.0	5.7	4560	1065	1210
255	3500 x 5	3500 x 9	3500 x 11	3500 x 12	255	5.5	7.7	8.4	4940	1175	1330
310	3500 x 7	3500 x 12	3500 x 15	3500 x 17	310	11	11.8	12.6	5140	1490	1630
340	3500 x 10	3500 x 16	3500 x 19	3500 x 20	340	22	15.6	16.5	5640	1700	1960
360	3500 x 12	3500 x 20	3500 x 25	3500 x 28	360	22	17.6	18.6	5770	1900	2050
420	3500 x 16	3500 x 23	3500 x 28	3500 x 30	420	30	21.2	22.6	5805	2170	2355
460	3500 x 22	3500 x 31	3500 x 36	3500 x 38	460	37	32.0	33.6	6050	2540	2605
500	3500 x 27	3500 x 35	3500 x 42	3500 x 44	500	51	39.4	41.3	6500	2520	2985
550	3500 x 32	3500 x 45	3500 x 52	3500 x 55	550	59	48.5	51.0	6750	2870	3190
600	3500 x 40	3500 x 50	3500 x 60	3500 x 62	600	74	56.0	58.7	6780	3220	3565

1) *Weight and dimensions for basic machine without optional equipment.*

All capacities are based on steel with yield point 270 N/mm². The min. bending diameter is 1.1 - 1.4 x the top roll diameter depending on the plate thickness. Remaining straight end after prebending 1.5 - 2 x plate thickness. Approximate shipping volume is received by adding 400 mm to L, W and H. All data subject to be changed without prior notice.