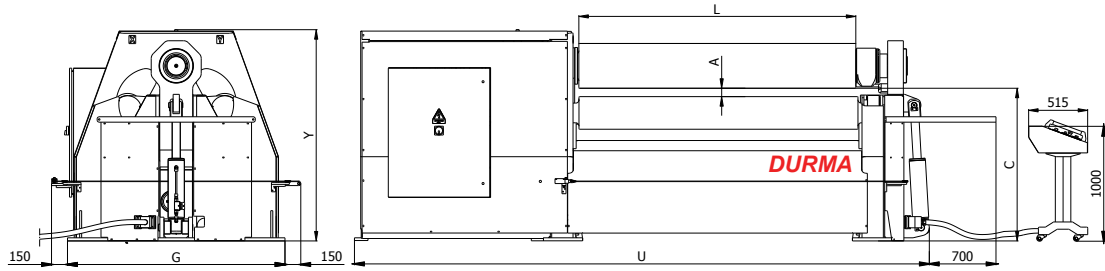


HRB-4 Technical Specifications



HRB-4 type	Bending Length	Mfn. Int. Dia Ø Dmin				Top Roll	Bottom Roll	Side Rolls	Length	Width	Height	Working Height	Weight	Motor Power	Hydraulic Tank Capacity
		Ødx5		Ødx1,5											
		Bending Capacities	Bending Capacities	Pre-Bending Capacities	Pre-Bending Capacities										
L (mm)	s (mm)	s (mm)	S (mm)	S (mm)	Ø (mm)	Ø (mm)	Ø (mm)	U (mm)	G (mm)	Y (mm)	C (mm)	(kg)	(kW)	l	
HRB-4 15150	1550	6	5	5	4	150	150	130	3100	970	1140	875	2490	5,5	90
HRB-4 15170	1550	8	6	6	5	170	170	150	3100	970	1140	865	2850	5,5	90
HRB-4 20150	2050	5	4	4	3	150	150	130	3600	970	1140	875	2600	4	90
HRB-4 20170	2050	6	5	5	4	170	170	150	3600	970	1140	865	2750	5,5	90
HRB-4 20200	2050	8	6	6	5	200	200	190	3830	1160	1200	840	4350	7,5	160
HRB-4 20220	2050	10	8	8	6	220	220	180	3830	1160	1200	830	4650	7,5	160
HRB-4 20240	2050	13	10	10	8	240	240	190	3830	1160	1200	820	5000	11	160
HRB-4 20260	2050	16	13	13	10	260	260	230	4260	1660	1600	1160	7800	15	400
HRB-4 20270	2050	18	15	15	12	270	270	230	4260	1660	1600	1155	8050	15	400
HRB-4 20280	2050	20	16	16	13	280	280	240	4260	1660	1600	1150	8300	18,5	400
HRB-4 20300	2050	23	18	18	15	300	300	240	4260	1660	1600	1140	8800	18,5	400
HRB-4 20320	2050	25	20	20	16	320	320	250	4260	1660	1600	1130	9100	22	400
HRB-4 20340	2050	28	23	23	18	340	340	260	4260	1660	1600	1120	9800	22	400
HRB-4 20360	2050	30	25	25	20	360	360	270	4510	2060	2050	1510	14200	30	600
HRB-4 20380	2050	40	30	30	25	380	380	290	4510	2060	2050	1500	15100	30	600
HRB-4 20400	2050	45	35	35	30	400	400	300	4510	2060	2050	1490	16000	37	600
HRB-4 20460	2050	50	40	40	35	460	460	380	4710	2210	2170	1590	18000	45	800
HRB-4 25200	2550	6	5	5	4	200	200	190	4330	1160	1200	840	5000	7,5	160
HRB-4 25220	2550	8	6	6	5	220	220	180	4330	1160	1200	830	5350	7,5	160
HRB-4 25240	2550	10	8	8	6	240	240	190	4330	1160	1200	820	5700	11	160
HRB-4 25260	2550	13	10	10	8	260	260	230	4760	1660	1600	1160	8650	15	400
HRB-4 25270	2550	15	12	12	10	270	270	230	4760	1660	1600	1155	8950	15	400
HRB-4 25280	2550	16	14	14	12	280	280	240	4760	1660	1600	1150	9300	18,5	400
HRB-4 25300	2550	20	16	16	13	300	300	240	4760	1660	1600	1140	9800	18,5	400
HRB-4 25320	2550	23	18	18	15	320	320	250	4760	1660	1600	1130	10500	22	400
HRB-4 25340	2550	25	20	20	16	340	340	260	4760	1660	1600	1120	11200	22	400
HRB-4 25360	2550	28	23	23	18	360	360	270	5010	2060	2050	1510	15200	30	600
HRB-4 25380	2550	30	25	25	20	380	380	290	5010	2060	2050	1500	16050	30	600
HRB-4 25400	2550	40	30	30	25	400	400	300	5010	2060	2050	1490	16600	37	600
HRB-4 25460	2550	45	35	35	30	460	460	380	5210	2210	2170	1590	20000	45	600
HRB-4 30220	3100	6	5	5	4	220	220	180	4880	1160	1200	830	5900	7,5	160
HRB-4 30240	3100	8	6	6	5	240	240	190	4880	1160	1200	820	6450	11	160
HRB-4 30260	3100	10	8	8	6	260	260	230	5310	1660	1600	1160	9700	15	400
HRB-4 30270	3100	13	10	10	8	270	270	230	5310	1660	1600	1155	10050	15	400
HRB-4 30280	3100	15	12	12	10	280	280	240	5310	1660	1600	1150	10550	18,5	400
HRB-4 30300	3100	16	16	14	12	300	300	240	5310	1660	1600	1140	11100	18,5	400
HRB-4 30320	3100	20	16	16	13	320	320	250	5310	1660	1600	1130	11400	22	400
HRB-4 30340	3100	23	18	18	15	340	340	260	5310	1660	1600	1120	12000	22	400
HRB-4 30360	3100	25	20	20	16	360	360	270	5560	2060	2050	1510	16750	30	600
HRB-4 30380	3100	28	23	23	18	380	380	290	5560	2060	2050	1500	18000	30	600
HRB-4 30400	3100	30	25	25	20	400	400	300	5560	2060	2050	1490	18800	37	600
HRB-4 30460	3100	40	30	30	25	460	460	360	5760	2210	2170	1590	22000	45	600
HRB-4R 30460	3100	45	35	35	30	460	440	360	5690	2280	2375	1770	31500	37+22	850
HRB-4R 30480	3100	50	40	40	35	480	455	370	5690	2280	2375	1760	35000	45+22	850
HRB-4R 30520	3100	60	45	45	40	520	500	410	6085	2630	2790	2045	45000	2x37+30	1100
HRB-4R 30580	3100	70	55	55	45	580	560	440	6085	2630	2790	2015	50000	2x37+30	1100
HRB-4R 30650	3100	80	60	60	50	650	610	500	6370	3240	3660	2825	72000	2x45+11	1700
HRB-4R 30760	3100	100	80	80	70	760	720	600	7100	3800	4290	3333	110000	2x55+11	2200
HRB-4 40280	4100	8	6	6	4	280	280	240	6310	1660	1600	1150	11600	15	400
HRB-4 40320	4100	10	8	8	6	320	320	250	6310	1660	1600	1130	14000	18,5	400
HRB-4 40360	4100	12	10	10	8	360	360	270	6560	2060	2050	1510	19500	22	600
HRB-4 40380	4100	16	12	12	10	380	380	290	6560	2060	2050	1500	20500	30	600
HRB-4 40400	4100	20	16	16	12	400	400	300	6560	2060	2050	1490	22000	37	600
HRB-4 40460	4100	25	20	20	16	460	460	380	6760	2210	2170	1590	25000	45	600
HRB-4R 40460	4100	30	25	25	20	460	440	360	6690	2280	2375	1770	39000	37+22	850
HRB-4R 40480	4100	40	30	30	25	480	455	370	6690	2280	2375	1760	43000	45+22	850
HRB-4R 40520	4100	45	35	35	30	520	500	410	7085	2630	2790	2045	50000	2x37+30	1100

Bending capacities valid for multisteps bending method.
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The mentioned values above is only works for 240 N/mm²
 Different material and widths ; can be calculated by DURMA Roll Bending Calculator
 Conic bending capacities depends on the angle and half value of mentioned values above
 Weight and motor powers optionally goes higher levels with additionals



PLANETARY ROLLS SYSTEM
 Top Roll: Ø 140 Ø460 mm
 Drive: Top&Bottom



HRB-4R RECTILINEAR ROLLS SYSTEM
 Top Roll: Ø 460 Ø760 mm
 Drive: All Rolls