

# Technical data

	R-3-S	R-4-S	R-5-S R-52-S	R-6-S R-62-S	R-7-S R-72-S	R-8-S	R-9-S	R-10-S	R-11-S
	80 x 10 Ø 800	100 x 12 Ø 1000	120 x 12 Ø 1250	150 x 16 Ø 1000	160 x 20 Ø 1600	200 x 20 Ø 3000	200 x 28 Ø 2000	200 x 28 <sup>1)</sup> Ø 1800	200 x 28 <sup>1)</sup> Ø 1800
	80 x 10 Ø 1000	100 x 10 Ø 1000	100 x 12 Ø 1250	130 x 15 Ø 1200	150 x 20 Ø 1600	180 x 16 Ø 3000	200 x 20 Ø 2000	200 x 28 <sup>1)</sup> Ø 2000	200 x 28 <sup>1)</sup> Ø 2000
	80 x 9 Ø 700	100 x 12 Ø 800	120 x 13 Ø 1250	150 x 15 Ø 1200	160 x 20 Ø 1400	200 x 20 Ø 1600	200 x 28 Ø 1800	200 x 28 <sup>1)</sup> Ø 1600	200 x 28 <sup>1)</sup> Ø 1600
	80 x 9 Ø 1300	100 x 12 Ø 1500	100 x 12 Ø 1500	130 x 15 Ø 1700	150 x 20 Ø 2000	180 x 18 Ø 2500	200 x 20 Ø 2800	200 x 28 <sup>1)</sup> Ø 2500	200 x 28 <sup>1)</sup> Ø 2500
	100 x 12 Ø 1000	120 x 13 Ø 1200	140 x 15 Ø 1250	150 x 15 Ø 1300	160 x 20 Ø 1500	200 x 20 Ø 1800	200 x 28 Ø 1800	200 x 28 <sup>1)</sup> Ø 1600	200 x 28 <sup>1)</sup> Ø 1600
	80 x 18 Ø 800	100 x 25 Ø 700	120 x 25 Ø 1000	150 x 30 Ø 1000	175 x 40 Ø 1200	200 x 50 Ø 2000	250 x 50 Ø 1800	250 x 70 Ø 1800	300 x 70 Ø 2800
	180 x 20 Ø 500	200 x 35 Ø 600	250 x 30 Ø 1000	250 x 40 Ø 1000	350 x 50 Ø 900	400 x 60 Ø 2000	450 x 70 Ø 1000	500 x 80 Ø 1200	500 x 100 Ø 1600
	50 x 50 Ø 500	60 x 60 Ø 800	70 x 70 Ø 800	90 x 90 Ø 1200	110 x 110 Ø 1500	130 x 130 Ø 1800	145 x 145 Ø 2000	165 x 165 Ø 2200	200 x 200 Ø 2500
	Ø 60 Ø 600	Ø 70 Ø 700	Ø 80 Ø 800	Ø 100 Ø 1000	Ø 125 Ø 1200	Ø 150 Ø 1500	Ø 170 Ø 1700	Ø 190 Ø 1900	Ø 220 Ø 2200
	Ø 76 Ø 700	Ø 100 Ø 1100	Ø 142 Ø 1800	Ø 170 Ø 2000	Ø 190 Ø 2500	Ø 220 Ø 3000	Ø 300 Ø 4000	Ø 330 Ø 5000	Ø 400 Ø 6500
	65 x 6 Ø 600	90 x 5 Ø 800	100 x 6,5 Ø 900	120 x 8 Ø 1100	150 x 8 Ø 1500	180 x 10 Ø 2000	200 x 13 Ø 2000	250 x 13 Ø 2200	300 x 13 Ø 2500
	—	120 Ø 800	140 Ø 900	180 Ø 1100	240 Ø 1500	280 Ø 2000	320 Ø 2500	450 Ø 2700	600 <sup>2)</sup> Ø 3000
	—	100 Ø 800	120 Ø 900	160 Ø 1100	200 Ø 1500	240 Ø 2000	280 Ø 2000	320 Ø 2200	500 Ø 3000
	140 x 60 <sup>3)</sup> Ø 600	160 x 65 <sup>3)</sup> Ø 800	200 x 75 <sup>3)</sup> Ø 900	300 x 100 <sup>3)</sup> Ø 1100	360 <sup>3)</sup> Ø 1200	450 <sup>3)</sup> Ø 2000	500 <sup>3)</sup> Ø 2000	550 <sup>3)</sup> Ø 2200	600 <sup>3)</sup> Ø 1500
	140 x 60 <sup>3)</sup> Ø 800	160 x 65 <sup>3)</sup> Ø 1000	200 x 75 <sup>3)</sup> Ø 1000	300 x 100 <sup>3)</sup> Ø 1100	360 <sup>3)</sup> Ø 1400	450 <sup>3)</sup> Ø 3000	500 <sup>3)</sup> Ø 2000	550 <sup>3)</sup> Ø 2200	600 <sup>3)</sup> Ø 1500
	65 x 42 Ø 4000	80 x 45 Ø 5000	100 x 50 Ø 8000	160 x 65 Ø 9000	200 x 75 Ø 11000	240 x 85 Ø 12000	260 x 90 Ø 10000	300 x 100 Ø 24000	320 x 100 Ø 20000
	80 Ø 1200	100 Ø 1500	120 Ø 2500	160 Ø 3500	200 Ø 5000	240 Ø 10000	300 Ø 13000	330 Ø 20000	360 Ø 22000
	—	—	—	120 Ø 3500	180 Ø 4500	200 Ø 9000	220 Ø 9600	240 Ø 11000	320 Ø 32000
	—	—	—	120 Ø 2800	160 Ø 3200	180 Ø 4600	200 Ø 5200	220 Ø 5600	300 Ø 9600
Section Modulus cm <sup>3</sup>	18-25	30-40	45-50	95-110	180-320	300-600	400-700	600-1000	900-1500
Power, kW	5,1/5,5	11	11	15	30	37	64	67	67
Diameter of the standard rolls, mm	250	310	385	460	550	660	740	800	800
Shaft diameters top/lower, mm	85 85	105 105	140 120	180 160	240 220	280 260	300 280	360 320	360 360
Rolling speed, m/min	<sup>4)</sup> 7/0-7	0-7	0-7	0-7	0-7	0-7	0-7	0-7	0-7
Net weight, kg	1800	3000	4500/5200	7800/9000	11400/14000	19500	24000	31000	38000
L x W x H, m	1.3x1.1x1.4	1.5x1.3x1.5	2.0x1.6x1.3	2.4x2.0x1.6	3.2x2.3x1.9	3.7x2.8x2.1	4.2x3.2x2.1	4.2x3.2x2.3	4.7x3.8x2.8

With standard rolls

With special rolls

All data are valid for mild steel with yield point 270 N/mm<sup>2</sup>.

Indicated diameters for angle-, T-, flat- and square bars are valid for max. section in one or few passes.

Smaller sections can be bent to smaller diameters.

All data subject to be changed without prior notice.

<sup>1)</sup> With larger standard rolls the capacity will increase to 250x25 mm.

<sup>2)</sup> Smallest bending diameter depends on grade of deformation that can be accepted.

<sup>3)</sup> Machine with extended shafts allows wider sections than specified.

<sup>4)</sup> In basic execution with fixed speed.



**R-6-S**

(Models R-5-S, R-6-S and R-7-S)



**R-11-S**

placed into a foundation pit.