

Specifications:

Model	Unit	RC-12 / RC-12B / RC-12S	RC-16B
Grinding range (dia.)	mm	1-30	2-40
Grinding wheel size (dia. x width x hole)	mm	305 x 150 x 120	405 x 205 x 203.2
Regulating wheel size (dia. x width x hole)	mm	205 x 150 x 90 230 x 150 x 127 (B series)	280 x 205 x 139.7
Grinding wheel speed (Peripheral Speed)	m / min	2000	2000
Regulating wheel speed	R.P.M	21-300 (7 steps) / 10-300 (B/S series)	10-300
Grinding wheel motor	HP	7.5	10
Regulating wheel motor	HP / kw	1HP / 1.3kw (servo motor B/S series)	1.8kw (servo motor)
Hydraulic pump motor	HP	1	1
Coolant pump motor	HP	1/8	1/4
Upper slide feed graduation	mm	3.5 (Rev.) 0.05 (Gra.)	3.5 (Rev.) 0.05 (Gra.)
Upper slide micro feed graduation	mm	0.1 (Rev.) 0.001 (Gra.)	0.1 (Rev.) 0.001 (Gra.)
Lower slide feed graduation	mm	10 (Rev.) 0.05 (Gra.)	10 (Rev.) 0.05 (Gra.)
Lower slide micro feed graduation	mm	0.2 (Rev.) 0.001 (Gra.)	0.2 (Rev.) 0.001 (Gra.)
Dressing device graduation	mm	1.25 (Rev.) 0.01 (Gra.)	1.75 (Rev.) 0.01 (Gra.)
Regulating wheel tilt angle	deg.	±5°	±5°
Regulating wheel swivel angle	deg.	±5°	±5°
Machine dimensions (W x D x H)	mm	1,900 x 1,550 x 1,420	2,000 x 1,590 x 1,450
Machine weight	kg	1,700	2,400

B Series: The ball and roller bearings for R.W. spindle instead of hydrodynamic bearings and servo motor for R.W., providing infinitely variable speed.

Specifications:

RC-18 / RC-18B / RC-18S	RC-1812 / RC-1812B	RC-20 / RC-20B
2-50	2-50	2-50
455 x 205 x 228.6	455 x 305 x 228.6	510 x 205 x 304.8
255 x 205 x 111.2 280x 205 x 139.7 (B series)	255 x 305x 111.2 305 x 305 x 177.8 (B series)	305 x 205 x 127 305 x 205 x 177.8 (B series)
2000	2000	2000
13-308 (10 steps) / 10-300 (B series)	13-308 (10 steps) / 10-300 (B series)	13-308 (10 steps) / 10-300 (B series)
15	20	20
2HP / 1.8kw (servo motor B series)	2HP / 2.9kw (servo motor B series)	3HP / 2.9kw (servo motor B series)
1	1	1
1/4	1/4	1/4
3.5 (Rev.) 0.05 (Gra.)	3.5 (Rev.) 0.05 (Gra.)	3.5 (Rev.) 0.05 (Gra.)
0.1 (Rev.) 0.001 (Gra.)	0.1 (Rev.) 0.001 (Gra.)	0.1 (Rev.) 0.001 (Gra.)
10 (Rev.) 0.05 (Gra.)	10 (Rev.) 0.05 (Gra.)	10 (Rev.) 0.05 (Gra.)
0.2 (Rev.) 0.001 (Gra.)	0.2 (Rev.) 0.001 (Gra.)	0.2 (Rev.) 0.001 (Gra.)
2 (Rev.) 0.01 (Gra.)	2 (Rev.) 0.01 (Gra.)	2 (Rev.) 0.01 (Gra.)
±5°	±5°	±5°
±5°	±5°	±5°
2,300 x 1,800 x 1,600	2,300 x 2,100 x 1,600	2,500 x 2,150 x 1,600
3,300	3,500	3,900

Design and specifications are subject to change without prior notice.