

Manual/Automatic Surface Grinders with Servo Drives

SD714, SD914, SD918, SD1020, SD1224, SD1628

Manufactured to exact tolerance :

PARALLELISM

Longitudinal axis : 0.010/300mm

Cross axis : 0.010/300mm

Vertical axis : 0.01/300

SQUARENESS

X-Y-Z axis

0.010/300mm

FLATNESS

0.010/300mm

SPINDLE RUN OUT

0.010



Specifications

	UNIT	SD 714	SD 914	SD918	SD 1020	SD 1224	SD 1628
Working Surface of Table	mm	175 x 350	225 x 350	225 x 450	250 x 500	300 x 600	400 x 700
Max Height from Table to Grinding Wheel	mm	175	275	275	275	275	275
Vertical Feed Least Count	mm	0.01	0.01	0.01	0.01 (0.002 with Micro Feed)	0.01 (0.002 with Micro Feed)	0.01 (0.002 with Micro Feed)
Cross Feed Least Count	mm	0.05	0.05	0.05	0.05	0.05	0.05
Spindle Speed	RPM	2800	2800	2800	2800	2800	2800
Size of Grinding Wheel (OD x width x ID)	mm	175 x 13 x 31.75	200 x 13 x 31.75	200 x 13 x 31.75	200 x 13 x 31.75	200 x 13 x 31.75	200 x 13 x 31.75
Magnetic Chuck (L x W)	mm	150 x 300	200 x 300	200 x 450	200 x 500	250 x 500	300 x 600
Electric Motors	Spindle	HP	1	1, 3 phase	1, 3 phase	2, 3 Phase	2, 3 Phase
	Cross	W	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo
	Longitudinal	W	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo	750 W, AC Servo
	Coolant	W	Manual	Manual	Optional	120 W	120 W
Net Weight (Approx.)	Kgs	700	800	900	1050	1250	1300

Standard Accessories

Item	Qty.
Grinding Wheel	1 No
Flange Extractor	1 No
Wheel Balancing Arbor	1 No
Grinding Wheel Flange	1 No
Diamond Dresser	1 No
Work Lamp	1 No
Lube Unit(Manual)	1 No
Tool Box With Tools	1 No