

Grinding Machines

Hydraulic Cylindrical Grinding Machine

Model No: DI-066



Technical Specifications

MODEL	DI-108A	DI-108B	DI-108C	DI-108D	DI-108E	DI-108F
Center Height	125mm	150mm	150mm	150mm	180mm	180mm
Distance Between Centers	300mm	600mm	800mm	1000mm	1250mm	1500mm
Maximum Swivel of Table	± 7 deg	± 7 deg	± 7 deg	+ 6 deg	+ 6 deg	+ 5 deg
Table Speed Infinitely Variable	0.1-4 M/Min	0.1-4 M/Min	0.1-4 M/Min	0.1-4 M/Min	0.1-4 M/Min	0.1-4 M/Min
Grinding Wheel (d x w x b)	350 x 40 x	400 x 40 x	400 x 50 x	400 x 40 x	400 x 40 x	450 x 50 x
	127mm	127mm	127mm	127mm	127mm	127mm
Wheel Head rapid approach	40mm	50mm	50mm	50mm	50mm	50mm
Wheel head swivel	± 60 Deg	± 60 Deg	± 60 Deg	+ 45 Deg	+ 30 Deg	-
Grinding wheel speed	1900/	1900/	1900/	1900/	1900/	1900/
	2100 RPM	2100 RPM	2100 RPM	2100 RPM	2100 RPM	2100 RPM
Manual Feed Resolution	0.005mm on	0.005mm on	0.005mm on	0.005mm on	0.005mm on	0.005mm on
	Radius	Radius	Radius	Radius	Radius	Radius
No. of Work Head Speed	10 to 600 RPM	3	3 (10 to 250	4(65,140,	4 (10-500	8 (10-500
	Variable		VFD Optional)	205, 300)	VFD Optional)	VFD Optional)
Work Head Swivel	± 90 Deg	± 90	± 90	+ 90	+ 60	+ 60
Work Head Center	MT-3	MT-4	MT-4	MT-4	MT-4	MT-4
Tail Stock Center	MT-3	MT-4	MT-4	MT-4	MT-4 Std / MT-5 Opt	MT-4
Internal Grinding	60 x 250 x	60 x 250 x	60 x 250 x	60 x 250 x	60 x 250 x	60 x 250 x
Spindle (Std.)	20000 RPM	20000 RPM	18000 RPM	18000 RPM	18000 RPM	18000 RPM
(Optional)					80 x 250 x	80 x 250 x
					14000 RPM	14000 RPM
Work Head Motor	0.5 HP	1.0 HP	1.0 HP	1.0 HP	1.0 HP	1.5 HP
Wheel Head Motor	2.0 HP	3.0 HP	3.0 HP	3.0 HP	5.0 HP	5.0 HP
Coolant Pump	0.1 HP	0.1 HP	0.1 HP	0.1 HP	0.16 HP	0.16 HP
Internal Grinding Spindle Motor	1.0 HP	1.0 HP	1.0 HP	1.0 HP	1.0 HP	1.0 HP
Hydraulic Motor	1.0 HP	1.0 HP	1.0 HP	1.0 HP	1.0 HP	1.0 HP
Total HP	4.6 HP	6.1 HP	6.1 HP	6.1 HP	8.16 HP	8.56 HP