

HIGH PRECISION SURFACE GRINDERS Saddle Type

Specifications		Saddle type					
		PFG-1545M PFG-2045M	PFG-1545H/AH PFG-2045H/AH	PFG-2550H PFG-2550AH	PFG-CS3060AH PFG-DS3060AH	PFG-CL3060AH PFG-DL3060AH	PFG-D4080AH
Grinding surface of table	mm	150×450 200×450		250×500	300×600		400×800
Max. grinding surface	mm	150×450 200×450		250×500	300×600		400×800
Max. distance center of spindle to table	mm	450		500 [Option: 600]	500 [Option: 600]		550 [Option: 650]
Total Max. safety table load	kgs	114 120	144 150	250	300		400
Table speed approx.	M/min	manual	5~25		5~25		
Table guideway		Ball bearing slideway	V & Flat way		V & Flat way		
Auto. Cross feed increment approx.	mm	manual	manual (for H series) 0.1~12 (for AH series)		0.5~20		
Rapid power cross feed	mm/min	manual	manual (for H series) 1100 [60HZ] / 900 [50HZ] (for AH series)		1100 [60HZ] / 900 [50HZ]		
Cross feed on hand wheel	mm	5/rev.; 0.02/gra.			5/rev.; 0.02/gra.		
Rapid power hand elevation	mm/min	550 [60HZ] / 450 [50HZ] (Power rapid up/down system) [Option] 350 (NC Auto down feed system) [Option]			550 [60HZ] / 450 [50HZ] (Power rapid up/down system) [Option] 350 (NC Auto down feed system) [Option]		
Vertical feed on hand wheel	mm	2/rev.; 0.01/gra.			2/rev.; 0.01/gra.		
Auto down feed	mm/time	0.001~0.999 [2/rev.; 0.005/gra.] [Option]			0.001~0.999 [2/rev.; 0.005/gra.] [Option]		
Wheel speed	R.P.M	3500 [60HZ] 2900 [50HZ]			3500 [60HZ] 2900 [50HZ]	1750 [60HZ] 1450 [50HZ]	1750 [60HZ] 1450 [50HZ]
Wheel dimension	mm	180×13×31.75 [Max. 200×20×31.75]			180×13×31.75	355×38×127	405×50×127
Spindle motor	HP	2			2	5	5
Hydraulic pump motor	HP	None	1		1		2
Auto Cross feed motor	HP	None	60W (for AH)	1/5	1/5		
Rapid head elevation motor	HP	1/5 [Option]			1/5 [Option]		
Coolant pump [Option]	HP	1/8			1/8		
Machine net weight	Kgs	870 920	900 950	1350	1700		3250
Packing gross weight	Kgs	970 1020	1100 1150	1550	1950		3500
Machine dimensions (L×W×H)	mm	1900×1200×1700 1900×1300×1700	2100×1200×1700 2100×1300×1700	2250×1400×1800	2650×1550×1800		3450×2050×1900
Packing dimension (L×W×H)	cm	181×128×195	212×146×195	212×146×200	228×179×210		276×228×225

* The manufacturer reserves the right to modify the mechanism specifications, etc. without prior notice.