

SPECIFICATIONS

	ITEM	MODEL	618 AIS	52 AIS	
CAPACITY	Maximum grinding (length x width)		500 x 150 mm	550 x 220 mm	
	Max. distance from table surface to spindle center line		400 mm	400 mm	
TABLE	Table surface (length x width)		465 x 150 mm	500 x 200 mm	
	Max. longitudinal travel		550 mm	600 mm	
	max. cross travel		177 mm	235 mm	
	T-slot (No. x width)		17 mm	17 mm	
FEED	Longitudinal movement of table				
	Hydraulic feed		1-25 m/min	1-25 m/min	
	Hand feed per revolution		69 mm	69 mm	
	Cross movement of saddle				
	Intermittent feed		0.15-10 mm/min	0.15-10 mm/min	
	Continuous feed		1200 mm/min	1200 mm/min	
	Hand feed per revolution		5 mm	5 mm	
	Graduation of hand wheel		0.02 mm	0.02 mm	
	Vertical movement of wheel head				
	Hand feed per revolution		1 mm	1 mm	
	Graduation of handwheel		0.005 mm	0.005 mm	
	Rapid feed		230 / 29 mm/min	300 / 29 mm/min	
	Automatic down feed				
	Feed rate (coarse/Fine)		0.001-0.099 mm	0.001-0.099 mm	
	Total stock removal		0.001-999.999 mm	0.001-999.999 mm	
	Fine feed stock removal		0.001-0.099 mm	0.001-0.099 mm	
	Spark out		0-9 passes	0-9 passes	
	SPINDLE & WHEEL	Spindle motor		1.5 HP	2 HP
		Spindle speed (60/50HZ)		3000 / 3600 rpm	3000 / 3600 rpm
		Grinding wheel outside diameter		ø205 / 180 mm	ø205 / 180 mm
Grinding wheel bore			ø31.75 mm	ø31.75 mm	
MOTOR	Hydraulic		1HP / 2HP (50HZ)	1HP / 2HP (50HZ)	
	Cross feed		25 W	40 W	
	Vertical feed		21.6 kg-cm	35 kg-cm	
	Floor space (L x W x H)		211 x 130 x 198 cm	211 x 150 x 198 cm	
	Weight (Approximately)		900 kgs	1200 kgs	
	Packing dimensions (L x W x H)		200 x 112 x 213 cm	210 x 150 x 213 cm	

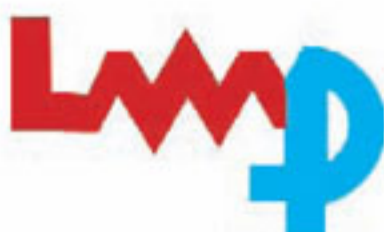
• Specifications are subject to change without notice

STANDARD ACCESSORIES

- (1) Grinding wheel (ø180/205 x 13 x 31.75)..... 1 pc
- (2) Grinding wheel adaptor & puller..... 1 set
- (3) Arbor for wheel balancing..... 1 pc
- (4) Diamond tool (1/4 carat) with a base..... 1 set
- (5) Dust sweeping plate..... 1 pc
- (6) Working lamp..... 1 set
- (7) Leveling plates..... 5 pcs
- (8) Leveling bolts with nuts..... 5 pcs
- (9) Eyebolts..... 4 pcs
- (10) T-Nut & screws..... 2 set
- (11) Necessary tools with a tool box..... 1 set
- (12) Lubrication oil (4 liter)..... 1 can
- (13) Plug (5/8")..... 4 pcs
- (14) Operation manual and inspection certificate..... 1 cop each
- (15) Spare paint..... 1 can

OPTIONAL ACCESSORIES

- (1001) Permanent-magnetic chuck/Electro magnetic chuck
- (1002) Inclining type permanent-magnetic chuck
- (1003) Grinding wheel balancing apparatus
- (1004) Spare grinding wheel adaptor
- * (1005) Vertical movement measuring attachment
(Dial indicator:0.001m/m)
- * (1006) Cross movement measuring attachment
(Dial indicator:0.01m/m)
- (1007) Demagnetizer (AC 110V/220V • 1A)
- (1008) Dust suction system
- * (1009) Coolant system
- (1010) Radius dressing device
- (1011) Angle dressing device
- * (1012) Hand dresser mounted on wheelhead
- * (1013) Optical-dresser device with microscope (x10)
- * (1014) Spindle motor inverter
- * (1015) Coolant & Dust suction system
- (1016) Punch former
- (1017) Sine vise
- (1018) Sine plates
- (1019) Tool makers vise
- * (1020) Digital read out for Cross/vertical movement
- * (1021) Consistent temperature control unit for hydraulic system
(room temp. ±1.2°C)
- * (1022) Vertical servo control with D.R.O feed back system.
(Note:The marks "*" to be installed at factory)



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