

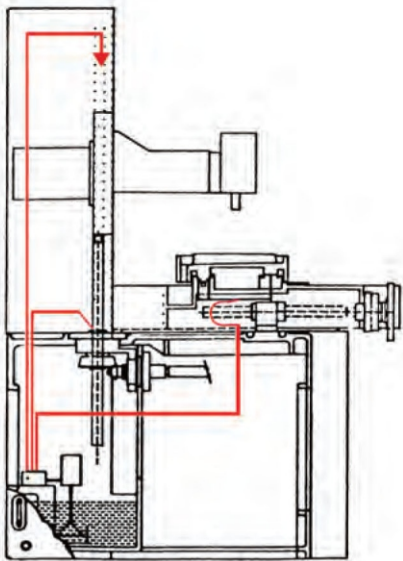


M7030B



2AM7130B

HYDRAULIC SERIES



Auto lubrication system



M7230B ASD

SPECIFICATIONS

MODEL		2AM7130B	3AM7130B	3AM7230B M7230B ASD	3AM7330B M7330B ASD	3AM7430B M7430B ASD	3AM7530B M7530B ASD	
DESCRIPTIONS								
TABLE SIZE		300x600mm		305x712mm	305x915mm	406x813mm	406x1020mm	
Max. grinding length	Longitudinal	600mm		712mm	915mm	813mm	1020mm	
Max. grinding width	Crosswise	300mm		330mm		410mm		
Max. Distance from table surface to spindle centerline		585mm		Standard column: 630mm ; Optional high column: 720mm				
standard magnetic chuck size		300x600mm		300x700mm	300x900mm	400x800mm	400x1000mm	
Longitudinal movement of table	Max. Travel, hydraulic	650mm		760mm	960mm	890mm	1060mm	
	Max. Travel, manual	730mm		830mm	1000mm	930mm	1100mm	
	Max. Travel, infinitely variable	60HZ, 5-25m/min ; 50HZ, 5-20m/min						
Cross transverse travel	● Auto transverse increment	1-19mm		1-25mm				
	★ Auto constant feeding speed	20-320mm/min						
	● Max. auto transverse travel	310mm		350mm		430mm		
	● Max. manual transverse travel	340mm		380mm		460mm		
	Handwheel per revolution	5mm						
	Handwheel per graduation	0.02mm						
wheelhead vertical infeed	★ Automatic infeed	ASD:0.001-0.01mm / ASD II :0.001-0.05mm						
	★ step feed(Jog)	-	0.001mm					
	■ Rapid travel,Approx	-	150mm/min					
	★ Slow travel Approx.	-	6mm/min					
	Handwheel revolution	1mm ★ASD II : Min.display value:0.001mm(no elevating handwheel)						
Handwheel graduation	0.005mm ★ASD II : Min.display value:0.001mm(no elevating handwheel)							
Grinding spindle drive	Speed	60HZ, 1750R.P.M. ; 50HZ, 1450R.P.M.						
	Power rating	5.0HP		Standard:5HP ; Optional:7 1/2HP				
standard grinding wheel	Diameter	304mm		355mm				
	Width	31.75mm		50mm				
	Bore	76.2mm		127mm				
Hydraulic motor	power rating	2.0HPx6P		3.0HPx6P				
Crossfeed motor ●	power rating	80Wx6P / ASD II :500W						
Elevating motor ■	power rating	-	80Wx6P	1/4HPx6P				
Floor space	Total space required	2700x1600x1850 mm		2950x1970x2050 mm	3550x1970x2050 mm	3290x2200x2050 mm	4020x2200x2050 mm	
	Weights	Net weight, Approx.	1950KGS	1990KGS	3020KGS	3330KGS	3400KGS	4000KGS
		Gross weight Approx.	2250KGS	2290KGS	3520KGS	3700KGS	4000KGS	4500KGS
Rated power,Approx		7.5HP	8 1/4HP	8 1/2HP(Spindle motor:5HP),11HP(Spindle motor:7.5HP)				
Packing dimensions	L x W x H	2340x2130x2100 mm	2480x2140x2100 mm	2500x2290x2220 mm	3000x2290x2220 mm	2800x2290x2220 mm	3250x2290x2220 mm	



National patents

- Longitudinal straight movement mechanism of surface grinder.
- Timing belt straight drive system.
- Dual motors, positioning and feeding mechanism.
- Timing belt straight drive system for the table of surface grinder.
- Roughing and micro table speed control mechanism.
- Surface grinding table reverse construction.
- Belt drive mechanism for surface grinding table.
- Multiple formed grinder.
- Dust collector.
- Coolant and dust unit.
- NC & CNC multiple formed molds.
- Heats reduce system for motor fan construction.
- Synchronized machining works system.
- Dust collector turbine blade construction for surface grinder.
- The constructions improvement of dust & coolant system for surface grinder.



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