

PHENIX

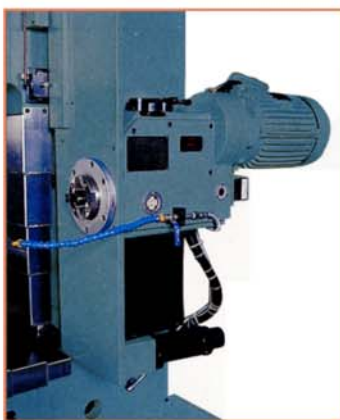
BED TYPE PRECISION MILLING MACHINE



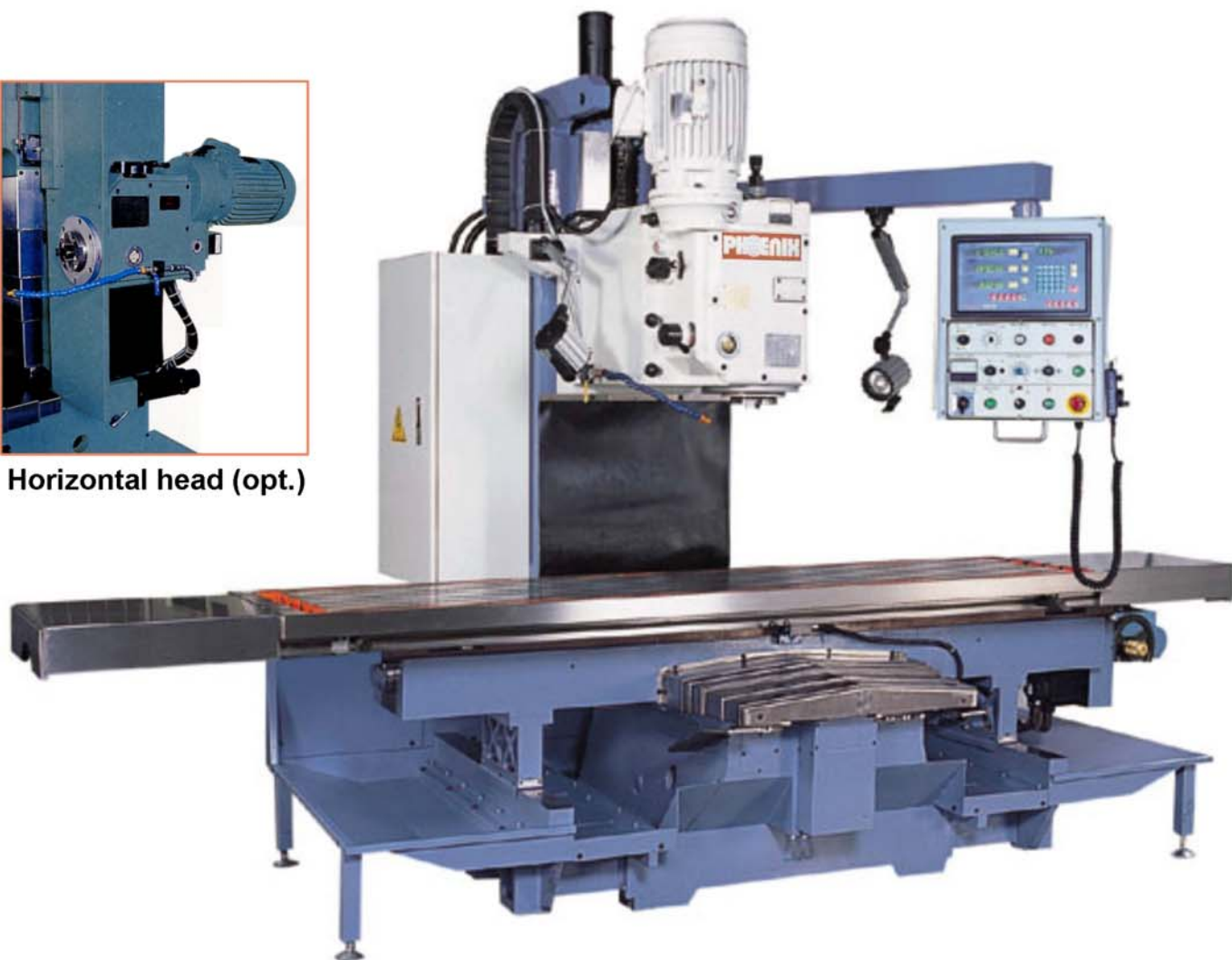
▲ FM-610F



▲ FM-610



Horizontal head (opt.)



▲ FM-610G

SPECIFICATION

MODEL	FM-610	FM-610F	FM-610G
TABLE			
Working surface	2450 x 580mm (96-7/16" x 22-13/16 ")		
T-slot(size x number x pitch)	18mmx4x70mm (0.708" x 4 x 2.755")		
Max. table load	1500kgs (3315 lbs)		
TRAVEL			
Longitudinal travel(X axis)	2000mm (78-3/4")		
Cross travel(Y axis)	650mm (25-5/8")		
Vertical travel(Z axis)	700mm (27-9/16") or 800/900/1000 mm (opt.)	600mm (23-5/8") or 700/800/900mm (opt.)	
Distance from spindle end to table	100~800/900/1000/ 1100mm	90~690/790/890/ 990mm	120~720/820/920/ 1020mm
Distance from spindle center to column	650mm (25-9/16")	610mm (24")	
SPINDLE			
Spindle nose taper	NT#40 / BT#40	NT#50 / BT#50	
Spindle speeds	Inverter operated vari 85~3600r.p.m.	Inverter operated vari 60~3000r.p.m. (3 steps)	6 steps 125~1100r.p.m. (60HZ) or 104~1400r.p.m. (50HZ)
Quill dia	ø110mm (4-5/16")	ø128.57mm (5")	
FEED			
Cutting feed rate X, Y, Z axes	vari 10~3000 mm/min.		
Rapid traverse X, Y, Z axes	vari 4800 mm/min.		
MOTOR			
Spindle drive motor	7-1/2HP	10HP/ 4P or 15HP/4P (opt.)	10HP 2P/4P
X, Y, Z axes motor	4.5 Nm		
Coolant pump	1/8HP		
DIMENSION			
Machine weight (net)	5700kgs (12597 lbs)	6000kgs (13260 lbs)	

- The manufacturer reserves the right to modify the design, specifications, mechanisms...etc. to improve the performance of the machine without prior notice. All the specifications shown above are just for reference.



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