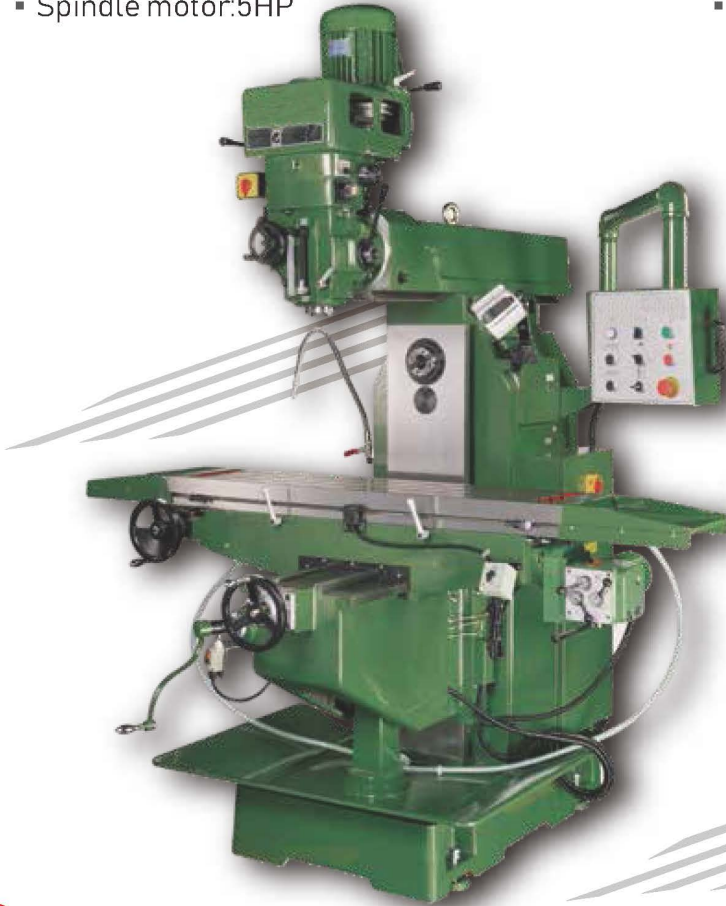


FM-26 SERIES

- X/Y/Z travel:1000/400/470mm
- Spindle taper:NT40(φ105mm)
- Spindle motor:5HP



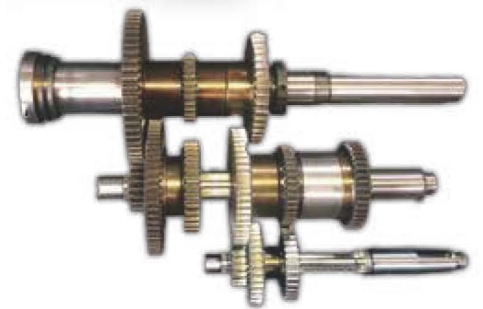
FM-28 SERIES

- X/Y/Z travel:1000/400/440mm
- Spindle taper:NT40(φ110mm)
- Spindle motor:5HP



Mechanical Features

- The main casting part is made of meehanite.
- The spindle runs on high precision P4 class bearing.
- The spindle is one piece machined from SCM440 alloy steel, thermal refining, high-frequency and precision polishing. Hardened and ground X,Y,Z axes slideway.
- Square way design on Y and Z
- -Turcite-B coated on XY ways.
- Horizontal milling gear mechanism
- Horizontal bracket
- Milling head type:
 - 1.8#(26)/2.0#(28)
 - Steps (S) Inverter (C)
 - Inverter type used YASKAWA VFD



Horizontal milling gear mechanism



Horizontal bracket

SPECIFICATIONS AND ACCESSORIES

Model	Unit	FM-26		FM-28	
		SHB	CHB	SHB	CHB
Travel					
Longitudinal travel (M./A.)	mm	1000		1000	
Cross travel (M./A.)	mm	400		400	
Vertical travel (M./A.)	mm	470		440	
Slideway X/Y/Z	type	△ / □ / □		△ / □ / □	
Quill travel	mm	140		140	
Overarm travel	mm	700		700	
Overarm swivel	degree	360		360	
Quill swivel (R&L)/(F&B)	degree	±45 / Fixed		±45 / Fixed	
Table					
Dimension	mm	1370x300		1370x300	
T-slots (Width x No. x Pitch)	mm	16x3x70		16x3x70	
Spindle					
Milling head	type	10/20Steps Inverter		10Steps Inverter	
Speed	60Hz	70-3350(10)		75-3500	
	50Hz	58-2780(10) 58-5560(20)		60-2870 55-3600	
Vertical feeds	mm/rev	0.04/0.08/0.15		0.04/0.08/0.15	
Main/ Horizontal taper	type	NT 40		NT 40	
Horizontal spindle speed	rpm	60HZ:92-1614(9steps)		60HZ:92-1614(9steps)	
		50HZ:73-1288(9steps)		50HZ:73-1288(9steps)	
Motor					
Main/ Horizontal spindle	HP	5		5	
X axis traverse	HP	1/2		1/2	
Z axis elevation	HP	1/2		1/2	
Feedrate					
X axis speed	mm/min	30-1300(9 steps)		30-1300(9 steps)	
Z axis speed	mm/min	345		345	
Machine					
Net Weight	kg	2200		2250	

Standard accessories

Draw bar
Tool box and tools
Tapping equipment of spindle (YSM -28)
Front finned bellows cover (Y)
Back chip cover (Y)
Working lamp
Auto lubrication system

- X axis Gear box
- Z Axis Rapid up/down
- Deluxe type operation panel
- Electric box
- Ball screw (X/Y)
- Horizontal bracket x 2 set
- Horizontal arbor X 1 set (25.4 or 27mm)

Optional accessories

- Draw bar(pneumatic)
- Power feed (Y)
- Servo feed(X/Y)
- Gear box(Y)
- Digital readout (DRO)
- Adjustable auto lubrication system
- Coolant system(Pump 1/8HP)
- Chip tray



TOP PHOENIX
INTERNATIONAL CORP.
Machinery Exporter & Importer

No. 48-3, Wayao Rd., Dali Dist.,
Taichung City 412, Taiwan
E-Mail: sales@topphoenix.com.tw; topphoenix24@gmail.com;
top.phoenix@msa.hinet.net
http://www.topphoenix.com.tw
Tel: 886-4-2406-5028 (Rep.) Fax: 886-4-2406-5019