



**YING SHUN  
MACHINERY INDUSTRY CO., LTD.**

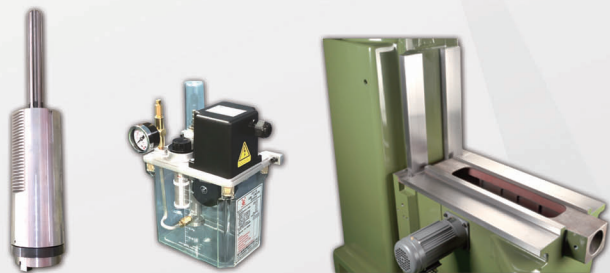
**Vertical Turret Milling Machine**

**YSM-18 SERIES**

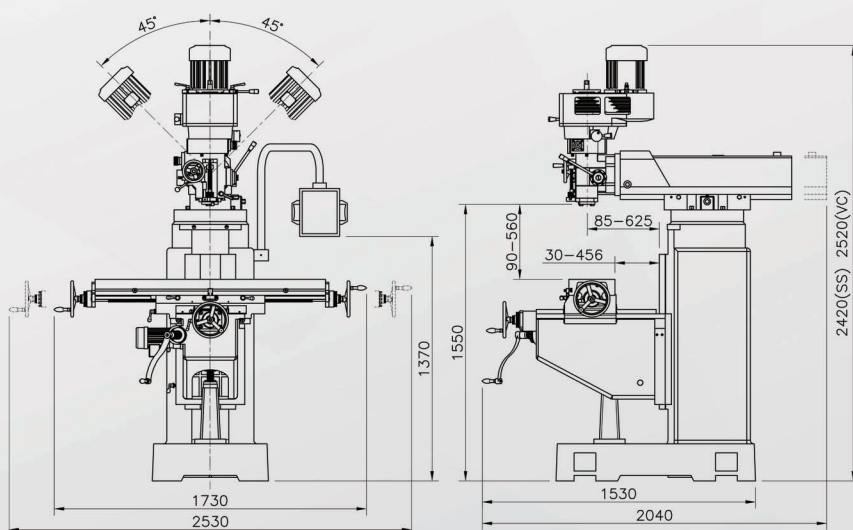


## MECHANICAL FEATURE

- The main casting part is made of meehanite casting.
- Milling head type:
  - Steps (S) Inverter (C)
- The spindle is one piece machined from SCM440 alloysteel, high-frequency and precision polishing.
- Hardened and ground X,Y,Z axes slideway.
- Turcite-B coated on X Y ways.



## MECHANICAL DIMENSIONS



## SPECIFICATONS AND ACCESSORIES

Model	Unit	18SS	18VC
<b>Travel</b>			
Longitudinal travel (M./A.)	mm	800/700(Opt.900/800)	
Cross travel (M./A.)	mm	426	
Vertical travel (M./A.)	mm	470	
Slideway X/Y/Z	type	△ / □ / □	
Quill travel	mm	140	
Overarm travel	mm	540	
Overarm swivel	degree	360	
Quill swivel (R&L)/(F&B)	degree	±45/Fiexd(Opt.±45)	
<b>Table</b>			
Dimension	mm	1270x254(Opt.1370x254)	
T-slots (WidthxNo.xPitch)	mm	16x3x63	
<b>Spindle</b>			
Milling head	type	10/20 Steps	Inverter
Speed	60Hz	rpm	70-3350(10)
	50Hz	rpm	58-2780(10)
		rpm	58-5560(20)
Vertical feeds	mm/rev	0.04/0.08/0.15	
Taper	type	NT40	
Quill Diameter	mm	105	
<b>Motor</b>			
Main spindle	HP	5	
Z axis elevation	HP	1/2	
<b>feedrate</b>			
Z axis speed	mm/min	345	
<b>Machine</b>			
Net Weight	kg	1500	

### Standard accessories

- Draw bar
- Tool box and tools
- Chip cover on Y axis
- Auto lubrication system
- Working lamp
- Z Axis Rapid up/down
- Deluxe type operation panel
- Electric box

### Optional accessories

- Power drawbar
- Power feed(X/Y)
- Servo feed(X/Y)
- Gear box(X/Y)
- Ball screw (X/Y)
- 100/150/200mm riser block
- Digital readout ( DRO)
- Coolant system(Pump 1/8HP)
- Chip tray