



AL-Tuwaijri

Altuwaijri Industrial Equipment co.

Model:

MF-450VS

Description:

TURRET MILLING MACHINE



- Table Size	: 254 x 1270 mm
- T-Slots No. x Size	: 3 x 15.87mm
- Longitudinal Travel (X axis)	
o manual	: 776 mm (30.55")
o Auto	: 696 mm (27.4")
- Cross Travel	: 406 mm (15.984")
- Vertical Travel of Knee (Z axis)	: 406 mm (15.984")
- Ram travel	: 560 mm (10.236")
- Quill Travel	: 127 mm (5")
- Table to spindle nose (D)	: 405 ~ 430 mm
- Over swivel on turret	: 360°
- Head Swivel (R & L)	: ± 45°
- Head tilt (UP & DOWN)	: ± 45°
- Spindle to column (D)	: 159 ~ 697 mm
- Spindle motor	: 3 HP
- Spindle taper	: NST#40
- Quill feeds	: 0.04 - 0.08 - 0.14mm/rpm
- Spindle speeds	
o Step Head	: 80 ~ 270 (60Hz.) 8 steps
o Variable Head	: 70 ~ 4500 (60Hz.)
- Machine Dimensions:	
Overall height	: 2120 mm
Overall depth	: 2073 mm
Overall width	: 1680 mm
- Weight	: 1250 Kg.

Features

- Spindle motor
- Spindle material made from heat treated SCM440 Cr-Mo steel alloy
- Centralized one shot lubrication system for ways, nuts and leadscrews
- Precision angular contact spindle bearing
- Infinite variable speed drive up to 4500 rpm/60Hz 3800 rpm/50Hz
- Unique design hi-low gear speed, bearings support on both side of spindle pulley
- Patented special copper alloy SAM214 for Vari-Disc keys, Precision ground with grease lubrication groove designed to prevent overheating
- Bearing support to the end of motor shaft
- Double sided Vari-Disc belt to give lower noise level
- Motor shaft material made from SCM425 Cr-Mo alloy steel, dia. 28mm
- Lifting screw dia. 38mm
- Extra long saddle (650mm) support to the table provides high accuracy & rigid machining
- Turcite-B coated on XY ways
- Square way designed on Y

Code Reference: **MMC-0004**

Riyadh Branch

Tel.No+966 11 44 66 222
Email: trust@al-tuwaijri.com

Jeddah Branch

Tel.No +966 12 687 9999
Email: trust2@al-tuwaijri.com

Dammam Branch

Tel.No +966 13 838 8880
Email: trust3@al-tuwaijri.com