

Vertical Milling And Drilling Machine

SP-DM40

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Description The SP-DM40 Milling Drilling and Tapping machine get the job done efficiently, and affordably. This customized Milling Drilling and Tapping machine from **SUMORI ESPANZA** has a modern, tested design top installations, and safety regulations. Which can do most work easily and fast. for usage in industry workshops and central maintenance workshops for companies. With a wide range of speed feeds, this milling drilling machine has an advantage over its competitors. **Main Applications** This machine tool is mainly applicable for drilling as well as for hold slash, spot facing, chamfering reaming, tapping, and boring. The headstock can be moved up and down and rotated 360° around the vertical column, the middle worktable can be moved left and right, or the front and back Headstock (except) can be leaned $\pm 90^\circ$. Move headstock and worktable by worm gear, easily operate. The depth of the drill is ensured by the scale fixed on the sleeve and the Setting nut. To easily change tools, the automatic tool-stripping device is mounted on the spindle.

Features:

1. Drilling, milling, and tapping.
2. Spindle speed step-changed cyclically, spindle auto-feeding and cyclic change of feeding speed.
3. The Head swivels 360° horizontally.
4. Headstock and worktable up and down perpendicularly.
5. Super high column.
6. Precision micro feed.
7. Positive spindle lock.
8. Distinct auto device for releasing tools, operating very easily.
9. Gear drove lower noise.

SPECIFICATIONS

model	SP-DM40
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Max. Drilling dia.	40mm
Spindle taper	M.T.4
Spindle travel	130mm
Step of speed	6
Range of spindle speed 60Hz	80-1250 r.p.m/95-1500r.p.m
Step of spindle auto-feeding	6
Range of spindle auto-feeding amount	0.06-0.30mm/r
Min. distance from spindle axis to column	290mm
Max. distance from spindle nose to worktable	700mm
Max. distance from spindle nose to stand table	1125mm
Max. travel of headstock	250mm
Swivel angle of headstock(horizontal)	360°
Max. travel of worktable bracket	600mm
Table Size	730×210mm
Size of stand worktable of availability	417×416mm
Forward and afterward travel of worktable	205mm
Left and right travel of worktable	500mm
Vertical travel of worktable	570mm
Motor Power	1.1kw
speed of motor	1400rpm
Coolant pump power	0.04kw
Net weight/Gross weight	442/502kg
Packing size	1850×750×1000mm

