

HEAVY DUTY BED TYPE VERTICAL MILLING MACHINE

For heavy working milling & boring, smooth & quiet

DM - 4V / 4VS / 5V / 5VS

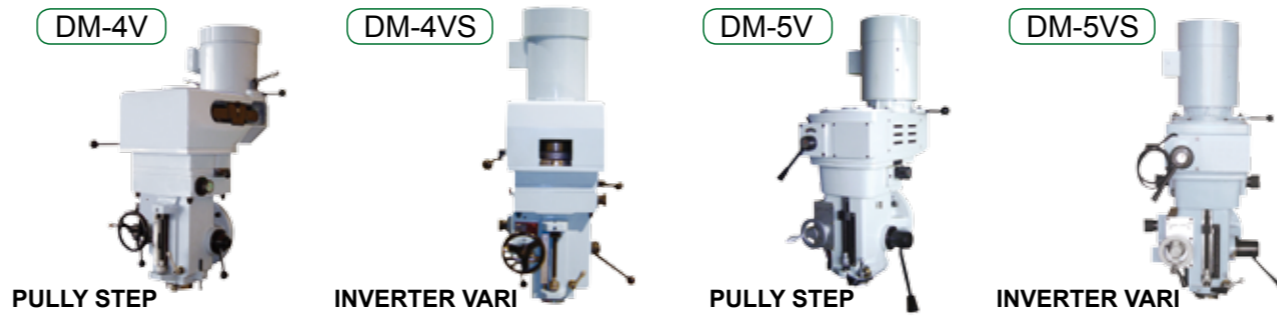
FEATURES :

1. Casting made of high FC-30 high quality for extra rigidity.
2. Spindle of SCM-21 alloy steel & precision ground, with class P4 bearings to ensure best accuracy on high speed running.
*Spindle motor of DM-5VS with AC 5HP magnetic brake, it may stop - running at the twinkling.
3. Milling head with balance weight for smooth elevating movement.
4. Bed & column as box type, long square sliding ways, & wider base for turning stability.
5. Square slide way have been ultra-frequency treated & precision ground, XYZ-axes with Turcite-B.
6. XYZ-axes with ball screw to smooth in precision cutting.
7. XYZ-axes with brake motor rapid feeding, controlled by inverter, for automatic & vari speed with high accuracy position.
8. All sliding way with automatic lubrication.



photo shown DM-5VS

HEAD TYPE



SPECIFICATION Unit: mm / inch

ITEM / MODEL	DM-4V	DM-4VS	DM-5V	DM-5VS
SPINDLE DRIVING TYPE	PULLEY STEP	INVERTER VARI	PULLEY STEP	INVERTER VARI
TABLE				
Table surface	1520x430 (59.84"X16.93")			
T-slots (No. x width x Pitch)	3x18x100P			
Table to column	210 - 720 (8.27" X 28.35")			
Height from floor to table surface	790 (31.10")			
CAPACITY				
X Y Z-axes travel	1000x500x550 (39.37" X 19.69" X 21.65")			
Quill travel	150 (5.9")		140 (5.51")	
SPINDLE				
Spindle taper	NT-40 / OP: BT-40, NT-50, BT-50			
Spindle speed (rpm)	50 Hz:3600 60 Hz:3900	3600	50 Hz:3000 60 Hz:3600	3600
Quill Diameter	105mm (4.13")		110mm (4.33")	
Spindle Swivelling angle	45°			
Spindle nose to table surface	NT#40 140-690 (5.51" - 27.17") / NT#50 110-640			
Spindle center to column	633 (24.92")		638 (25.12")	
FEED RATE				
Quill feed rate	0.04 / 0.08 / 0.15 mn / rev		0.035 / 0.07 / 0.14 mn / rev	
XY-axes feed rate	28-1260 mm / min			
Z-axis feed rate	17-788 mm / min			
MOTOR				
Spindle motor	5HP / OP: 7.5HP			
XY-axes motor	1HP			
Z-axes motor	1HP			
Coolant pump	1/8HP			
MEASUREMENT				
Machine size	2230 x 1600 x 2200 (88" x 63" x 87")			
Packing size	2000 x 1800 x 2400 (79" x 71" x 95")			
N.W. / G.W.	3000 / 3200kgs			
Standard color	RAL-7035 light gray + RAL-5015 blue			

•We reserve the right to modify and improve our products without notice.

STANDARD ACCESSORIES :

- | | | |
|--|----------------------------------|--|
| 1. Spindle micrometric feed | 7. Z-axis brake motor | 14. Tools & tool box |
| 2. X,Y,Z-axes variable feed | 8. Coolant system | 15. Operation manual |
| 3. X,Y,Z-axes ball screw | 9. Draw bar | 16. Digital speed display
(only for DM-4VS,5VS) |
| 4. X,Y,Z-axes auto lubrication
system | 10. Rear rubber dust guard | |
| 5. X,Y,Z-axes with Turcite-B | 11. Front telescopic cover | |
| 6. Z-axis rapid traverse | 12. Electric control box & panel | |
| | 13. Halogen light | |

OPTIONAL ACCESSORIES:

- | | |
|-----------------|------------------------------|
| 1. Splash guard | 3. Digital readers |
| 2. Air draw bar | 4. Pneumatic locks on Z-axis |

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M DENVER

CE ISO 9001

**VERTICAL HEAVY DUTY
BED TYPE MILLING MACHINE DM-4V,4VS, 5V,5VS series**
**VERTICAL TURRET
MILLING MACHINE DM-160, 180, 186 V / VS series**
**VERTICAL HORIZONTAL
TURRET MILLING MACHINE 186 VH / VSH series**



DM-186V



DM-186VH



DM-5VS

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