DMV

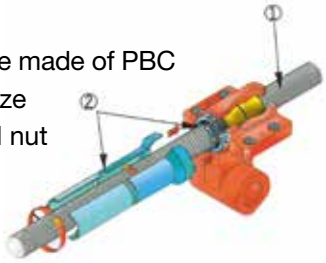
250 B | 380 VS | 450 VS | 500 VS

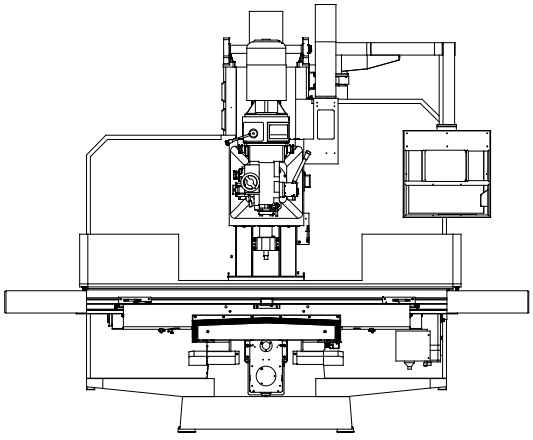
Bed-Type Milling Machine 10x50'' to 20x87''

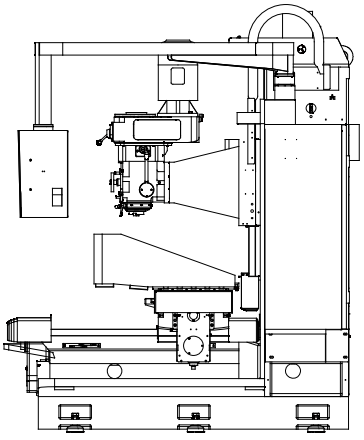
The DMV features a vertical drilling and milling head that **swivels ±45°** and includes an **automatic spindle feed** for added versatility. Constructed from high-quality **MEEHANITE cast iron**, it offers excellent rigidity and durability. All **guideways** are **coated with Turcite B**, while the **XYZ slideways, table, and T-slots** are **hardened and ground** for long-lasting precision. A **counter-balance** supports the milling head, and box ways on the Y-axis and column add to structural stability. **Telescopic steel covers** protect the slideways and ball screws from dust and coolant. The **high-grade casting** is fully **annealed** and **stress-relieved** to ensure wear resistance. **Semi-guarding** is standard, with an optional full guarding.

3-Axis Digital Readout (DRO) is Included

1. Double nuts are made of PBC phosphor bronze
2. Adjustable ball nut







STANDARD CONFIGURATION

- 3-Axis Digital Readout (DRO)
- Telescopic Cover in All Axes
- Automatic Feed in All Axes
- Automatic Lubrication
- Ergonomic Swiveling Control Panel
- Coolant System
- Tool Kit And Work Light

OPTIONAL CONFIGURATION

- Pneumatic Drawbar
- Y and Z-Axis Automatic Feed (250 VS)
- Machine Vise
- Chucking Assortment
- Full Guarding

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DMV

250 B | 380 VS | 450 VS | 500 VS

Fagor 8058i CNC Controller

Mitsubishi CNC Controller

CNC STANDARD CONFIGURATION

- Fagor 8058 Controller
- Variable Speed Spindle
- Ballscrews with Double Nuts on All 3-Axes
- RS-232
- Automatic Lubrication
- Tool Kit and Work Light

CNC OPTIONAL CONFIGURATION

- CNC Controller Options
- Air Drawbar
- 10,000 rpm
- 4th-Axis

DMV			250 B	380 VS	450 VS	500 VS
			10” x 50”	15” x 50”	18” x 71”	20” x 87”
Table Dimensions (W/L)		mm	1270x250 (50x10”)	1270x380 (50x15”)	1800x450 (71x18”)	2200x500 (87x20”)
Max. Table Load		kg		600 (1,320 lbs)	1000 (2,200 lbs)	1000 (2,200 lbs)
Travels	X	mm	775 (31”)	1000 (39”)	1300 (51”)	1600 (63”)
	Y	mm	540 (21”)	500 (20”)	600 (24”)	700 (28”)
	Z	mm	500 (20”)		700 (28”)	700 (28”)
Spindle Taper			NST #40		NST #50 Gear Head	
Speeds		rpm	60–4300	50–3600 (CNC: 5000)	125–1100 (CNC: 5000)	
Tailstock Quill Travel		mm	127 (5”)	140 (5.5”)		
Power Feed		mm/min	Optional	½ Hp XYZ	1 Hp XYZ	2 Hp XYZ
Swivel Range Milling Head		deg		45°		–
Spindle-Table Distance		mm	100–550 (4–22”)	85–585 (3–23”)	100–800 (3.9–31”)	70–770 (2.8–30”)
Spindle-Column Distance		mm	500 (20”)	490 (19”)	580 (23”)	700 (28”)
Main Drive Motor		kW	3.7 (5 Hp)	3.7 (5 Hp)	7.5 (10 Hp)	
Dimensions (L/W/H)		mm	1800x1600x2050 (71x63x81”)	2050x2250x2100 (81x89x83”)	2930x2750x2435 (155x108x96”)	2930x3200x2530 (115x126x100”)
Weight		kg	2000 (4,410 lbs)	3100 (6,820 lbs)	3960 (8,730 lbs)	4500 (9,920 lbs)
Item No.			2910091	2910019	2910092	2910093
Item No. (CNC)			2910080	2910081	2910082	2910083

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