

Product Name :
Ram Turret Vertical Milling Machine**Product Code :**
mm0001 LAB ENGINEERING**Description :**

Ram Turret Vertical Milling Machine

Technical Specification :

ABLE

Working Table	1250 x 275	1350 x 300	1600 x 650
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T-Slot No & Size	3 x 13	3 x 15	3 x 15
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Distance between T Slots	65	75	80
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Swivel of Table (for UM Models)	45°	45°	45°
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Swivel of Table (for VM Models)	Fixed	Fixed	Fixed
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SPINDLE

Arbour Diameter (only for UM Models)	25.4	25.4	25.4
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No & Range of Speeds	9 (50 to 950)	9 (50 to 950)	9 (50 to 950)
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Taper of Spindle	ISO-40	ISO-40	ISO-40
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Dist. from Centre of Spindle	15-425	15-525	15-625
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to Table Top (Min/Max. for VM Models)

Dist. from Centre of Spindle to Column (For VM Models)	325	385	435
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VERTICAL HEAD

Swing of Vertical Head to either side (For VM Models)	90°	90°	90°
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Manual Quill Movement	65	70	85
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FEEDS

X - Longitudinal	625	675	800
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Y - Cross	200	280	330
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Z - Vertical	405	535	610
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No. & RANGE OF FEEDS (Feeds per min. / mm)

X - Longitudinal	6 (11 to 75)	6 (11 to 75)	6 (11 to 75)
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Y - Cross	6 (11 to 91)	6 (11 to 91)	6 (11 to 91)
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Z - Vertical	6 (2 to 14)	6 (2 to 14)	6 (2 to 14)
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NO. & RANGE OF RAPID FEEDS

X - Longitudinal	1 (384)	1 (384)	1 (384)
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Y - Cross	1 (470)	1 (470)	1 (470)
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Z - Vertical	1 (76)	1 (76)	1 (76)
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ELECTRICALS

Main Drive (Spindle) Motor (1400 RPM)	2 HP	3 HP	5 HP
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Feeds Drive Motor (960 RPM)	2 HP	2 HP	3 HP
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Coolant Motor (2800 RPM)	0.1 HP	0.1 HP	0.1 HP
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VERTICAL ATTACHMENT ON RAM

Cross (Min. / Max.)	135-425	135-400	135-535
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Vertical (Min. / Max.)	100-500	100-575	100-625
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Speeds for Vertical Head (Ram Type)	6 (95 - 550)	6 (95 - 550)	6 (50 - 450)
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Quill Movement (Manual)	50	55	60
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Electric Drive Motor	1 HP	1 HP	2 HP
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WEIGHT

Net	2200 Kg.	3000 Kg.	4000 Kg.
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Gross	2500 Kg.	3500 Kg.	4500 Kg.
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