BANKA®

LATHE & TOOL ROOM MACHINES · RAJKOT, INDIA · SINCE 1977

PRODUCT SUMMARY

REFERENCE **BM-261103-0015**

DATE **03 Nov 2026**

PRICES VALID UNTIL **10 Nov 2026**

MILLING MACHINES

Vertical Turret Milling All Round 3- DRO Milling – M1TR Type

Machine · Industrial

PRICE (EXCLUDING GST)

Rs. 3,85,000

Rs. 4,54,300 including 18% GST



Key specifications

Standard specification; customisation available on request.

SPINDLE TAPER ISO	**30**	COLLET ER32 (3	**25 MM 16 Pcs)**
DRO	**2 AXIS**		

Price summary

Current price on ravimachines.com as on 03 Nov 2026.

#	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
1	**Vertical Turret Milling All Round 3- DRO Milling – M1TR Type** View product details online	1	Rs. 3,85,000	**Rs. 3,85,000**

Sub-total	Rs. 3,85,000
GST @ 18%	Rs. 69,300
Grand total	**Rs. 4,54,300**

Rupees Four Lakh Fifty Four Thousand Three Hundred Only

Features

Silent Features :

- **The Nut Of The Milling Machine Screw Is Adjustable**
- **The Backlash Can Be Easily Set**
- **The Thread Of The Screw Is Grining In The Milling Machine (For Long Life And Precision)**
- The M1TR (ALL ROUND 3) is a specific type of vertical milling machine known for its versatility and functionality in machining operations. Here are the silent features of the Vertical Milling M1TR machine:
- **Turret and Ram Design**: The M1TR features a turret and ram design, allowing the head to swivel and move in multiple directions. This provides flexibility in machining complex parts.
- **Swiveling Head**: The head of the M1TR can swivel 45 degrees to the left and right, which enables angular milling and drilling operations.
- **Variable Speed Control**: The machine is equipped with a variable speed control system, allowing operators to adjust the spindle speed to match the requirements of different materials and cutting tools.
- **Precision Ground Ways**: The machine's guideways are precision-ground, ensuring smooth and accurate movement of the table and spindle.
- **Manual and Automatic Operation**: The M1TR can be operated both manually and automatically, providing flexibility for various machining tasks and operator preferences.

Specifications

MODEL	ALL ROUND 3
Table Size	1270 x 254mm
T Slot	3 x 16 mm
X Axis – Travel	760 mm
Y Axis – Travel	400 mm
Z Axis – Travel	405 mm
RAM Travel	510 mm
X Axis Guideways	Dovetail Type
Y-Axis Guideways	Dovetail Type
Z-Axis Guideways	Dovetail Type
Spindle Nose To Table	70 -470 mm
Spindle Step Number	16
Spindle Speed	80-5440 rpm
Spindle Adaptor	ER32

Spindle Taper	ISO-30
Collet Size	Type ER32 (3 mm to 25 mm) 16 pcs.
Quill Feed	0.04/0.08/0.15
Quill Travel	127 MM
Had Tilt Left & Right	+- 90 Degree
Had Tilt Front & Back	+- 45 Degree
Power	3 Hp
DRO	2 Axis DRO

Description

Vertical milling All Round 3 machines are versatile tools used in machining operations to create and shape metal and other solid materials. Here are some key features and characteristics of vertical milling machines

Vertical Orientation: The spindle axis is vertically oriented, allowing for vertically oriented cutting tools. This setup enables the machine to perform operations where the workpiece remains stationary and the cutting tool moves vertically.

Table Movement: The worktable can move in multiple axes (X, Y, and Z) to accurately position the workpiece under the cutting tool. This movement allows for precise machining operations.

Spindle Speed Control: Vertical mills have variable speed controls for the spindle, allowing operators to adjust cutting speeds according to the machined material and the cutting tool used.

Digital Readouts (DRO): Modern vertical mills may include digital readouts that display the exact position of the worktable or cutting tool, aiding in precision machining.

Coolant System: Many machines have built-in coolant systems to lubricate and cool the cutting tool during machining, which helps extend tool life and improve surface finishes.

Free accessories included with the machine

14 items supplied at no extra cost.

+ 2 – Axis DRO
+ Coolant System
+ Clamping Kit
+ Collet Set ER32 (3MM to 20MM) 15 Pcs
+ Machine Lamp
+ Front & Rear Rubber Chip Guard
+ Electrical Cabinet & Control Panel
+ Drawbar
+ One-Shot Lubrication System
+ Tool Box
+ Instruction Manual
+ X-Axis Power Feed (Charges will be extra)
+ Machine Vice
+ Chip PAN

Accessories for this machine

Live catalogue prices (excluding GST). Add any of these to your order and they are dispatched with the machine.

RECOMMENDED Improve productivity, accuracy and finish

	Curved Jaw Locking Plier	Rs. 699	
	Milling Reduction Socket	Rs. 1,599	
	Milling - Collet Adapter For E Type	Rs. 2,250	
	Milling Drilling MT-4 Collect Adopter E Type Collect	Rs. 2,350	
	High Speed Steel Drill Bit Sets 1 MM To 13 MM	Rs. 4,600	
	MIlling - Reck Cutting Attachment	Rs. 11,500	
	Milling - Vertical Head (Attachment)	Rs. 11,500	
	Milling - Slotting Attachment	Rs. 11,500	
	Milling-Rotary Table 150 MM- 6 INCH	Rs. 14,500	
	Milling - Universal Vice	Rs. 16,500	
	MIlling - Dividing Head	Rs. 25,000	

Similar machines you may consider

Compare models in the same range. Prices exclude GST.



VERTICAL TURRET MILLING ALL ROUND 4+ DRO MILLING...

Table Size: 1370 x 254 MM

Spindle Taper: ISO-30 / ER32

Rs. 3,95,000

View details →

The Banka promise

3-Year Warranty
Against manufacturing defects in major components.

Transit Damage Covered
Full responsibility for transport damage; safe packing free.

Fast Delivery
Ready-stock delivery across India in about 10 days.

Video-Call Support
Free start-up demo and quick remote technical help.

Terms & conditions

- All prices are in Indian Rupees and exclude GST; GST @ 18% is extra.
- Price validity: 7 days from the date of issue. Prices are taken live from ravimachines.com on that date.
- Warranty: 3-year warranty against manufacturing defects.
- Delivery: Free delivery, subject to Banka Machines' confirmation.
- Ready stock: 100% advance payment before dispatch; dispatched within 2 working days of full payment.
- Made to order: 50% advance on purchase order confirmation and 50% before dispatch.
- Accessory prices are standard catalogue prices; size-specific items (chucks, motors) are confirmed with your order.

Ready to order or need a custom quote?

Banka Machines - 2, Samrat Industrial Area, Near Gokuldham Gate, Gondal Road,
Rajkot, Gujarat, India 360004 · GSTIN 24ABGPR6633P1Z2

+91 9377093780
sales@bankaindia.com
www.ravimachines.com