BANKA®

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

PRODUCT SUMMARY

REFERENCE BM-261111-0025

DATE 11 Nov 2026

PRICES VALID UNTIL 18 Nov 2026

RADIAL DRILL MACHINES

HEAVY DUTY ALL GEAR RADIAL DRILL MACHINE 50MM-WITH HYDRAULIC CLAMPING-BANKA

Radial Drill | Imported | All Geared

PRICE (EXCLUDING GST)

Rs. 12,95,000

Rs. 15,28,100 including 18% GST



Key specifications

Standard specification; customisation available on request.

Drilling Capacity	**50 mm**	Spindle Travel	**315 mm**
Spindle Taper	**25-2000 RPM**	Spindle Speed	**25-2000 RPM**
Column Diameter	**- 350 mm**	Max. Mini. Distance Spindle center to column center	**1600/350 mm**
Horizontal Movement of drilling Head	**1250 mm**	Max.Mini Distance Spindle Nose of base plate	**1270/370 mm**

Price summary

Current price on ravimachines.com as on 11 Nov 2026.

#	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
1	**HEAVY DUTY ALL GEAR RADIAL DRILL MACHINE 50MM-WITH HYDRAULIC CLAMPING-BANKA** View product details online	1	Rs. 12,95,000	**Rs. 12,95,000**

Sub-total	Rs. 12,95,000
GST @ 18%	Rs. 2,33,100
Grand total	**Rs. 15,28,100**

Rupees Fifteen Lakh Twenty Eight Thousand One Hundred Only

Features

Operating Instructions:

BANKA IR 50MM- Radial Drilling Operations function mainly handles, buttons, etc. All focused on the headstock face version, very easy to operate the machine. Exterior columns driven rotary arm ± **180 Degrees**

Rocker can easily lift along the outer column. Headstock along the rocker rails and move around. The machine has three adopted **"Diamond Block Clamping "** mechanisms, rocker by lifting the top of the column drive motor through the screw nut achieved. The lifting nut rocker is equipped to ensure that the insurance can not suddenly fall nut, the clamping arm is a hydraulically driven diamond block to achieve, after clamping, **Diamond block self-locking.**

Rocker Automatic Locking and Release:

Rise or fall when the rocker arm clamping automatic release. After the arm is up or down, mounted on the clamping cylinder at the electrical switch control, the **Automatic Locking Arm**. Lubrication between the rocker arm and the column pump is automatically provided by the clamping arm lubrication.

Headstock And Column Clamping:

Headstock and column clamping blocks are clamped hydraulically driven diamonds. Two actions can be carried out simultaneously or separately, by the headstock selection button on the panel to achieve. The machine is **Controlled by PLC Programmable controller**, with reliable and stable performance.

Headstock speed:

Headstock gear by **hydraulic control system, hydraulic preselection speed**, easy operation, wide speed range, to meet the needs of a variety of parts machining.

Advanced Technology:

Body casting resin sand casting process used, the column using advanced centrifugal casting. Ensure that the basis of superior quality wood pieces. Rocker rails use frequency quenching and grinding using imported equipment, to ensure accuracy. Gears made Of **special high-quality steel**, carburized hardening, and high-precision grinding machine grinding to achieve high hardness, high wear resistance, and low noise.

- There is a wiper on the column

- Hydraulic lock system
- There is an adjustment given in the auto feed as if the drill is drilled in the depth, then the machine stops automatically.
- Machine weight 3500 KG
- The liver hydraulic system is given
- The automatic system is provided for speed feed and liver feed
- Lubrication Pump Oil Provided, One Shot Lubrication System
- A coolant pump is provided at the base of the machine
- The machine lamp is good quality
- When the pillar is up and down, the oil is done automatically.

Specifications

PARTICULARS	BANKA TYPHOON 50-MM	BANKA TYPHOON 65-MM
CAPACITY		
Drilling Capacity	**50mm**	**65mm**
Tapping Capacity	M36	M42
Boring Capacity	120mm	150mm
DRILL HEAD		
Taper in Spindle	MT5	MT5
Spindle Travel	315mm	400mm
Number of Spindle Speeds	16	16
Range of Spindle Speeds	25-2000rpm	20-1600rpm
Number of Spindle Auto Feeds	16	16
Range of Spindle Auto Feeds	0.04-3.20mm/rev.	0.04-3.20mm/rev.
Drill Head & Column Locking	**Hydraulic**	**Hydraulic**
WORKING RANGE		
Arm Lenght	**1770mm**	**2000mm**
Travel of Drill Head	1250mm	1550mm
Drilling Radius Min./Max.	525/1775mm	675/2275mm
Dist. Spindle Axis and Column.	350/1600mm	450/2000mm
Dist. Spindle and Base Plate	320/1220mm	450/1650mm
Diameter od Column	350mm	450mm
BOX TABLE		
Box Table Size	630 x 500 x 500mm	630 x 800mm
Number Of T Slots Box Table	5	7

Size in T Slots in Box Table	22mm	22mm
ELECTRICAL		
Power Supply of Main Motor	5HP	7.5HP
Power Supply of Elevating Motor	2.5HP	2.5HP
DIMENSION & WEIGHT		
Length x Width x Height	2500 x 1070 x 2550 mm	3080 x 1250 x 3245 mm
Next Weight	**3500Kgs.**	**7300Kgs.**

Description

Overview

A Radial Drill Machine is designed primarily for drilling holes in large and heavy workpieces. Here are some key features and descriptions of an All Gear Radial Drill Machine:

Versatile Drilling Capability

These machines are capable of drilling holes of various sizes and depths due to their adjustable arm and spindle.

Adjustable Arm

The arm can be moved around the column, providing flexibility in positioning the drill over the workpiece. This makes it suitable for drilling multiple holes in different locations without repositioning the workpiece.

Heavy-Duty Construction

Typically made from robust materials like cast iron, these machines are capable of handling large and heavy workpieces with ease.

Powerful Motor

Equipped with a powerful motor, All Gear Radial Drill Machines can drill through tough materials such as metals efficiently.

Rotating Table

Some models come with a rotating table, allowing for angular drilling and precise positioning of the workpiece.

Automatic Feed

Many modern radial drill machines offer automatic feed settings, which can be adjusted for different drilling speeds and depths.

Safety Features

They are equipped with safety features such as emergency stop buttons and protective covers over the drilling mechanism.

These machines are widely used in industries such as manufacturing, construction, and metalworking, where precise and efficient drilling operations are required. They are essential for tasks like hole drilling, tapping, reaming, and countersinking in various types of materials.

Free accessories included with the machine

9 items supplied at no extra cost.

+ Box Table
+ Coolant System
+ Machine Lamp
+ Drill Chuck with Arbor
+ Reduction Sleeve
+ Wedge
+ Tool Box
+ Instruction Manual
+ Foundation Bolt

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



Screw Driver Set — Rs. 400



ER Collects ER 16 To ER 40 — Rs. 450



End Mill Cutter Set — Rs. 550



Hand Drill Machine — Rs. 699



Drill Chuck With Key — Rs. 1,000



Multi Angle Magnetic Clamp Welding — Rs. 1,100



Centre Drill Bit — Rs. 1,500



Drill Chuck Arbor — Rs. 2,090



Tap & Die Set — Rs. 2,500



Drill Machine Vice — Rs. 3,000



Hand Drill Stand With Drill Vice - Bench Press — Rs. 3,300



Drill Hand Remer — Rs. 3,500

Similar machines you may consider

Compare models in the same range. Prices exclude GST.



ALL GEARED PILLAR...

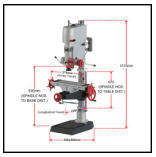
STAND TYPE - MEDIUM DUTY

Drilling Capacity: 40 mm

Motor: 112 mm

Rs. 1,39,000

View details →



DCM 19 mm- Drilling...

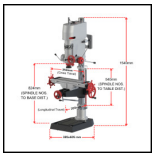
DRILLING CAPACITY 19 MM

Drilling Capacity: 19 mm

Motor: 1HP -Extra Cost HP

Rs. 59,500

View details →



DCM 25 mm

DRILLING CUM MILLING

Drilling Capacity: 25 mm

Motor: 1HP- Extra Cost HP

Rs. 76,500

View details →



Pillar Drill Machine 19 MM

Drilling Capacity: 19 mm

Column Dia: 74 mm

Rs. 34,500

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?

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