

LATHE MACHINES

Banka 50

HEAVY DUTY ALL GEAR LATHE MACHINE

Heavy Duty

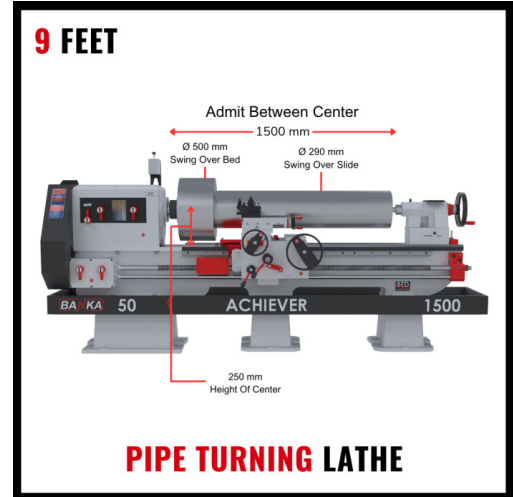
All Geared

7-14 Feet

PRICE (EXCLUDING GST)

Rs. 4,45,000

Rs. 5,25,100 including 18% GST



Key specifications

Standard specification; customisation available on request.

Height Of Centre	250 mm	Spindle Bore	80 mm
Admit Between Centre	1000/1500/3000 mm	Bed Length	7/9/12/14 Feet
Spindle Speed	1050 RPM	Bed Width	260 mm
Cross Slide Travel	325 mm	Motor	5 HP

Price summary

Current price on ravimachines.com as on 25 Oct 2026.

#	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
1	Banka 50 – HEAVY DUTY ALL GEAR LATHE MACHINE View product details online	1	Rs. 4,45,000	Rs. 4,45,000
Sub-total				Rs. 4,45,000
GST @ 18%				Rs. 80,100
Grand total				Rs. 5,25,100

Rupees Five Lakh Twenty Five Thousand One Hundred Only

Features

Essential Features :



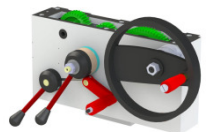
Headstock : The box-type constructed headstock with its rationally designed ridding arrangement gives a **maximum rigidity** performance free from thermal displacement and vibration. Its rigid-built **hardened and ground** spindle is supported in the study headstock by super precision roller bearing and ball bearing, capable of heavy duty and high sped applications. All gears, splines, spindles are made from **20 MnCr5** material and hardened ground.



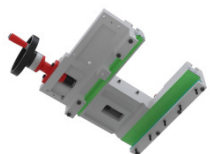
Gear Box : A specially designed gear mechanism is employed for this feed gear box. The **easy to handle** quick gear system provides an unusually wide range of feed and threads applications. Its outstanding features are that each selection of feed and commonly used threads (in metric, inch, **module and DP**) is instantly achieved through the combined operation of two levers with changing gears.



Tailstock : The sturdy construction of tailstock with **Tang Shank type** tailstock sleeve is capable of stable accommodation of heavy work. Double locking system **ensures powerful** tailstock clamping.



Apron: Apron designed to totally **enclosed oil bath** system and lever type arrangement for automatic feeds. BANKA is providing **self-handle** which is used to run the machine in auto. This feature is very much usefully while operator will run the machine in auto, if an accident will occur then self-handle will **automatically release** and apron will stop immediately. It will reduce the further damage of gears and other risks.



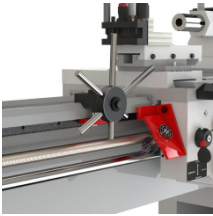
Carriage – Saddle: **Turcite B** Loner Bearing System coating between Carriage and Bed to provide extra cutting strength and **longlife accuracy**. Also, it's working as an **anti-Friction** system and gives smooth movement of Carriage on Bed. **Without** Turcite B bed accuracy will reduce up to **150 to 200** micron after 5 to 6 years.



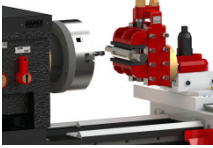
Leg : Legs having an appropriate wall thickness and robust design gives high rigidity and **anti-vibration** strength.



Quick Change Tool Post: In production engineering, the big advantage of a quick change tool post is that you don't have to change the tools in tool post, just have to change the holders which already had set on the tool holder. It is **time saving** and increases the production. It's **safe and simple** process while operation and has guaranteed lasting repetitive accuracy. Quick change tool post working parts are hardened and precision grounded.



Carriage Stopper: Carriage Stopper is **useful to stop** carriage each time at a proper place as you have set. It also is known as the linear stopper. You can set six stoppers in carriage stopper as per your requirement. It is generally used in **shaft turning** works.



Keyway Jaw: Keyway Jaw is used to make **small keyways**. Our Keyway vice is designed and developed as per the prevailing market trends and industry requirements. We are using high-grade raw material and precision engineering **components to fabricate** these machines. Owing to this, our range ensures high performance, reliability, efficiency, low maintenance requirements and durability.



Third Shaft: The third Shaft is used in **long lathe machines**, suitable in above 7 feet length. It's fitted with the bed of precision lathe machine below feed shaft. A handle has attached with the apron which is connected with Third Shaft, by which operator can stop the machine or can do **reverse and forward** operation at the time of turning the lengthy jobs. It saves the operator time, increases the production, easy to operate and maintenance accuracy.



Hyperbolic Wall Bed: In heavy duty lathe, we provide Hyperbolic Wall Bed bed made from **25-grade** casting and flame hardened up to 400 BHN. It is 2V & 2 Flate Special **hyperbolic Bridge** which gives extra **rigidity** and easy chip removal.

Silent Features:-

- Headstock and gearbox gears **hardened** and ground.
- **Bedways** hardened and ground up to 400BHN.
- Turcite B anti- friction material on **carriageways**.
- Control panel & magnetic brake (optionally available on request)
- The metric dial on cross slide, Compound, and tailstock semi-universal gear box provides **inch and metric** thread without changing too many end trains gears.(universal gearbox optional available on request)
- Spindle speeds 48-1535 RPM in 16 H-L nos. **spindle speeds**.
- Alloy steel Spindle molesting on **taper roller bearings**.
- **American LOO type** spindle nose available on request.

Specifications

MACHINE TECHNICAL DETAILS	BANKA 50-1000	BANKA 50-1500
Height Of Centers	250	250
Swing Over Bed	500	500
Swing Over Slide	290	290
Width Of Bed	325	325
Spindle Bore	80	80
Spindle Nose	LO Type	LO Type
Spindle Speed No.	16 H-L	16 H-L
RPM	30-1050	30-1050
Cross Slide Travel	260	260
Top Slide Travel	150	150
Tail Stock Sleeve	MT – 4	MT – 4
Quill Dia. / Travel	75/150	75/150
Tool Shank Section	25 X 25 mm	25 X 25 mm
Feed Longitudinal	60/0.08-1	60/0.08-1
Feed Transverse	60/0.02-0.25	60/0.02-0.25
Metric Thread	40/0.4-7 mm	40/0.4-7 mm
Thread Per Inch	45/70-4 TPI	45/70-4 TPI
Lead Screw	6 mm	6 mm
Main Motor	3.7 KW / 5 HP	3.7 KW / 5 HP
Admit Between Center	1000	1500
Bed Length Feet	7'	9'
Weight (Kg.) Appro.	1400	1600

Description

BANKA 50: USP of this Lathe Machine

Some exclusive features of BANKA 50 leads customers to go for BANKA 50.

Features are as follows: 1) Spindle RPM : 30-1550 2) Accuracy : As per IS Standard 3) Power : 5 HP Electrical Motor BANKA Machine has 30 years of expertise in making reliable machine products. We are one of the India's Most Trusted Machine Product Manufacturers. In addition superior after sales support is a core value of RMP. High Precision, rigidity, User friendly and cost effective etc.. features makes BANKA more trustful and more reliable.

Get more, Spend less: BANKA 50 is cost-effective.

Our Lathe Machines are built with heavy rigid construction for increased durability and accuracy. When combining our manufacturing technique with accuracy, repeatability and price, you can easily see why our lathes offer the best value in the market for new lathe equipment.

Quality

Our lathes quality is maintained because of our step by step manufacturing process. According to our manufacturing process, metal cutting lathe performance and accuracy are better than other industrial lathe machine manufacturer. Our toolroom lathe is manufactured as per Indian Standard test by testing instruments like,

Straight Edge:

A straightedge is a tool with an edge free-form curves or straight, used for transcribing straight lines. Straightedges are used in the automotive service and machining industry to check the flatness of machined mating surfaces and concave & convex. True straightness can in some cases be checked by using a laser line level as an optical straightedge: it can illuminate an accurately straight line on a flat surface such as the edge of a plank or shelf. It effects in the production schedule, time schedule, time saving and increase the quality of our products.

Spirit Level Precision:

Generally, an engineer's spirit level is used to level machines, although they may be used to level large workpieces on machines such as planers. Spirit levels are also used in building construction by carpenters and masons. A precision level is used to check the installation of precision machines in two axes. A lathe is manufactured with its base in a level plane. Small milling machines are often roughly leveled but large mills are installed level. Periodically check the level to ensure contained lathe accuracy by using Spirit Level accuracy of 0.05 mm/mt. According to IS Test Chart machine must be accurately leveled up to 0.02 mm per meter.

Hardness Tester BHN Scale:

Hardness measurements quantify the resistance of a material to plastic deformation. hardness tests compose the majority of processes used to determine material hardness, and can be divided into two classes: macro-indentation and micro-indentation tests. It's used to test the hardness of the bed. Our each lathe machine's hardness of the bed is 400 BHN as per IS test. The main advantages of the hardness test are that extremely accurate readings can be taken, and just one type of indenter is used for all types of metals and surface treatments.

Tachometer RPM MPM:

Tachometer RPM Meter is an instrument measuring the rotation speed of a shaft or disk, as in a lathe machine, drill machine, milling machine and other machinery. The tachometer is used to accurately measure spindle RPM (Speed) of the lathe machines. Just attach a

reflective sticker to the rotating part and point the red laser beam on the mark from a safe distance.

Sound Level Decibel Meter:

As per the IS test our Tool lathe head sound is measured by Decibel Meter and it should be up to 85 to 90 dB. In every lathe machine, it should be 85 dB and our each lathe machine noise level is under 85 dB.

Dial Indicator Micrometers:

Dial Indicator Micrometers is used for precise measurement of components which are done on the lathe. It's also used to measure the apparent diameter of celestial bodies or microscopic objects.

Screw Thread Special Tester:

With Screw thread tester we can test the Pitch accuracy test. One end of the tester, a dial gauge has attached and the other end a point has attached which measures screw thread.

Spindle Torque:

The simplest form of torque wrench consists of a long lever arm between the handle and the wrench head, made of a material which bends elastically in response to applied torque. The mechanical indicator is connected to the head of the lathe machine. Which measures the torque of the machine's spindle.

Amperemeter:

It is used to measure the current in a circuit is to break the circuit open and insert an "ammeter" in line with the circuit so that all electrons flowing through the circuit also have to go through the meter. When an ammeter is placed in series with a circuit, it ideally drops no voltage as current goes through Lathe machine main motor. Banka lathe is the best premium quality lathe, drill, mini lathe, milling machine manufacturer in India. Our future depends on the dedication of individuals, to achieve one of the top charitable all gear lathe manufacturers in the whole world. Precision lathe machine quality demands are a must in all aspects of component manufacturing. It requires a range of processing expertise, technologies, and application to provide consolidated results to users. Innovative solutions & approaches provide the edge to have technological advancements and necessary pace in tomorrow's world. The lathe machines are prepared by expertise technical engineers.

System of Making

We are using a software for making designs, patterns, and drawings, according to that we give job works at outsources. We are not manufacturing any parts on our floor because it disturbs our manufacturing schedule and wasting our time. We assembled all the assembly parts and sub-assembly parts on our floor if there any rejection in any parts that we never compromise in our quality. In next stage when all assembly and all sub-assembly were assembled our quality control department will inspect the same, who are expertized and skilled with years of experiences. Quality control team strictly inspect all the parts with its material, tolerance, and reference as per drawings and inspection reports. We are using the material with 20MnCr5 or SAE 8620 grade casting in Gear, Lock Nut, Spindle which was passed through from Hardening process in pit type gas carburizing furnace with PID Controller. Machine's Headstock has bored in WMW Boring machine and bed also passed on with flame hardening process up to 400 BHN. WMW planning machine used to make a rough cut in machine bed and after this process, it will go for finishing the process. In next step bed will pass on grinding process by METISAN USA make surface grinding machine.

Maintenance Schedule

Our service engineers are working continuously as per their planned schedule of installation and service for your lathe machines. The main principle of maintenance schedule is to provide customer timely service and to reduce the breakdowns. We are providing service according to your usage and criticality of your lathe machine. The customer can get the benefit of free of cost maintenance and less

timing consuming. Our long experience of the machine tools business and working with thousands of machines enables our highly skilled and experienced service engineers are always ready to serve the service for their customer any time.

Free accessories included with the machine

19 items supplied at no extra cost.

+ Quick Change Tool Post	+ Vibration Dumping Pad	+ Manual Book	+ L Clamp	+ Industrial Apron	+ Color Brush
+ Oil Funnel	+ Safety Glasses	+ Slingsing Belt	+ Tools Bag	+ Machine Lamp	+ Carriage Stopper 4 Way [3 Kg]
+ Foundation Bolt	+ Spanner Set with Oil Can	+ Allen Key Set	+ V-Belt	+ Change Gears	+ Dead Centre
+ Centre Adopter					

Accessories for this machine

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

ESSENTIAL

Needed to start working on the machine

 Electric Motor 2/3/5 HP Standard ISI Rs. 9,500	 Lathe True Chuck Rs. 9,200
 Lathe Dog Chuck Rs. 9,200	 Chuck Plate For Lathe Rs. 1,800
 Lathe Revolving Center Rs. 1,900	 Lathe Cutting Tools - 1 Pcs. Rs. 650
 Reverse Forward Switch With 2 Meter Wiring Rs. 750	

Essential kit (7 items): **Rs. 33,000 + GST**

RECOMMENDED

Improve productivity, accuracy and finish

 Key Way Jaw For Lathe Rs. 6,500	 Coolant Pump Fittings - Reduces your expense and save your time Rs. 7,500
 Machine Lamp Rs. 750	 Lathe Square Tool Post Rs. 1,500
 Taper Turning Attachment For Lathe Machine Rs. 7,500	 Steady Rest For Heavy Duty Lathe Machine Rs. 8,500
 Follow Rest For Lathe Rs. 1,700	 Tools Tray For Lathe And Milling Rs. 900
 Lathe Dog Carriers Straight & Bend Rs. 1,800	

OPTIONAL

For special jobs and extra convenience



Lathe Vibration Support - 4 Pcs. Set

Rs. 3,500



Tool Post Grinding For Lathe Machine

Rs. 23,500



Key Way Attachment On Lathe

Rs. 18,000



Lathe Knurling Tools

Rs. 500



Lathe Pipe Center

Rs. 2,500



Splash Guard For Lathe

Rs. 13,500

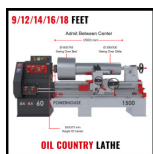


Face Plate For Lathe

Rs. 2,500

Similar machines you may consider

Compare models in the same range. Prices exclude GST.



Banka 60

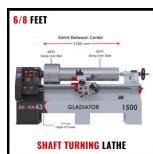
HEAVY DUTY ALL GEAR LATHE MACHINE

Height Of Centre: 300 mm

Spindle Bore: 80/100 mm

Rs. 5,95,000

[View details →](#)



Banka 43

MEDIUM DUTY ALL GEAR LATHE MACHINE

Height Of Centre: 215 mm

Spindle Bore: 52 mm

Rs. 2,75,000

[View details →](#)



Banka 40

MEDIUM DUTY LATHE MACHINE

Height Of Centre: 200 mm

Spindle Bore: 51 mm

Rs. 2,49,000

[View details →](#)



Banka 34

LIGHT DUTY ALL GEAR LATHE MACHINE - 5...

Height Of Centre: 170 mm

Spindle Bore: 40 mm

Rs. 1,90,000

[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?

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Rajkot, Gujarat, India 360004 · GSTIN 24ABGPR6633P1Z2

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