

SHAPING MACHINES

Shaping Machine Key Work

T SLOT - V BLOCK - ROUGH WORK - DYE MOLD
- SHAPE OF ANY MATERIAL - 18 INCH - 450 MM
STROKE

Industrial Machine

BANKA

PRICE (EXCLUDING GST)

Rs. 2,55,000

Rs. 3,00,900 including 18% GST



Key specifications

Standard specification; customisation available on request.

Stroke Capacity

18" / 460mm

Weight

1200 kg

Model type

Shaping Machine - 18"

Price summary

Current price on ravimachines.com as on 30 Oct 2026.

#	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
1	Shaping Machine Key Work - T Slot - V Block - Rough Work - Dye Mold - Shape Of Any Material - 18 Inch - 450 mm Stroke View product details online	1	Rs. 2,55,000	Rs. 2,55,000

Sub-total Rs. 2,55,000

GST @ 18% Rs. 45,900

Grand total Rs. 3,00,900

Rupees Three Lakh Nine Hundred Only

Features

Helical Gears :

We give constant stroke in Shaping machine and each stroke gives reaction on main gear teeth. For such continuous stroking, gears must **rigid to work for 15 year**. Taking into consideration the quality and accuracy of the job, we are using **DP-6 Heavy Helical Gears** in our Shaping machine. It is made from **GCI-25 Grade casting**. Generally spare gears give **load on 1 teeth** while helical gear gives load on **2 teeth** so possibility for break out is very less. **Benefits of Helical Gears:**

- More Cutting Strength
- For **silent & smooth** operation
- Use of helical gears reduces the **noise level**
- Double Load taking capacity and **Longer life of teeth**
- Suitable in **rough work**.

Three Speed Pulley:

- Machine can be operated on **three** Speed.
- Pulley in the image clearly shows the different arrangement for different speeds.
- Speed can be varied for efficient working as per the **weight and size** of the job.
- We use **B Groove** on our pulley.
- **Double** groove option is also possible in our pulley. We can attach 2 belts at a time to get more accuracy in heavy load.

Machine Base:

- Machine Base is made of **Single One Piece CI Casting** which has oil tank included in it.
- Also single piece casting gives a sturdy foundation to the parts.
- One piece CI casting prevents problems of **oil leakage**.
- Weight of our base is almost **260 kg**.

Universal Table:

- Machine has **Universal** Table instead of Fix table.
- Degree movement of Universal table is **360 degree**.
- It can be rotated clockwise as well as anti clock wise. So operator can work any uneven job easily without complexity.
- No. of T-slots : **3**
- T Slot Size – **13 mm**.

Benefits of Universal Table :

- Die Work
- Multi function in single job

Plunger Pin:

- Generally Shaping machine manufacturers use **vengler** type pin in the machine.
- While we use **Plunger Pin** Type Self Lubricating Oil Pump with Oil setting bolt.
- Plunger type pin provides **per stroke per drop oils like our heart**. It makes the movement of the machine smooth and

efficient.

Universal Vice:

- We use **universal** Vice with **Swivel** Base instead of fixed vice.
- It can be mounted on Universal Table for **various jobs**.
- If operators want to mount any degree job in future, it is possible in this vice.

Specifications

Description	Inch	MM
Length of stroke	18	460
Ram		
Length of Ram	38	970
Length & Width of Ram Bearing	27 x 10	685 x 250
Max. & Min distance from table to ram	18.5 x 2	470 x 50
Range of Ram speed	–	3 speed
Table		
Working Surface of table	16 x 11	406 x 280
Maximum table travel horizontal	20	508
Min. distance from table to ram	16	406
Min. distance from table to ram	5	127
Angular movement of table from either side	–	90 L, 90R
Tool Slide		
MAx. vertical travel of tool slide	7	178
Max. swivel of tool head	–	90 L, 90R
Range of tool head feed	–	Hand feed
Base		
Length & Width of Base	50 x 18	1270 x 460
Electricals		
Main Drive Motor	–	1.5 HP – 3 phase 1440 RPM

V-Belt Section	–	B-55
Main Switch Starter	–	5 AMP Mini DOL Starter
Dimensions		
L x W x H	63 x 40 x 58	1600 x 1016 x 1475

Description

Application of Shaping Machine

- Forging Industry
- Tool room workshop
- Keyway work
- Rough Work
- Dye mold

Accuracy and Depth of cut

- Accuracy of our machine is up to **20 micron** in all materials like **C.I., M.S., OHNS, M.S. etc.**
- Maximum depth of cut of our machine are as per below :

Casting iron – 3 mm

Steel – 1.5 mm

Taper Jib Strip

- **Gear and Ram** are mounted with Taper Jib Strip through which all the movement can be accessed easily using the bolt.
- Main benefit of taper jib strip is that unskilled labour can easily remove any **defects, intolerance and error** through it.
Operator have to set it once in a year to maintain accuracy.

Oil tank

We gives inbuilt base oil tank in our machine instead of separate fabricated oil tank.

- **Self lubrication** is available
- Capacity of oil tank is around **3.5 ltr.**

Similar machines you may consider

Compare models in the same range. Prices exclude GST.



Shaping Machine Key...

T SLOT - V BLOCK - ROUGH
WORK - DYE...

Stroke Capacity: 24" / 610mm

Weight: 1650 kg

Rs. 3,45,000

[View details →](#)



Shaping Machine Key...

T SLOT - V BLOCK - ROUGH
WORK - DYE...

Stroke Capacity: 14" / 355mm

Weight: 525 kg

Rs. 1,80,000

[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