BANKA®

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

# PRODUCT SUMMARY

REFERENCE **BM-261101-0377**

DATE **01 Nov 2026**

PRICES VALID UNTIL **08 Nov 2026**

SHAPING MACHINES

## Shaping Machine Key Work

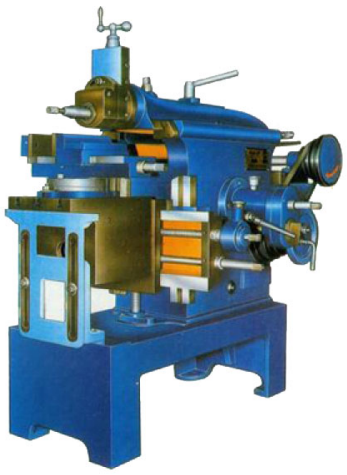
### T SLOT - V BLOCK - ROUGH WORK - DYE MOLD - COLLEGE PURPOSE - TOOL ROOM WORK - 14 INCH - 350 MM STROKE

Industrial Machine · BANKA

PRICE (EXCLUDING GST)

**Rs. 1,80,000**

Rs. 2,12,400 including 18% GST



## Key specifications

Standard specification; customisation available on request.

| | | | |
|---|---|---|---|
| Stroke Capacity | **14" / 355mm** | Weight | **525 kg** |
| Model type | **Shaping Machine - 14"** | | |

## Price summary

Current price on ravimachines.com as on 01 Nov 2026.

| # | DESCRIPTION | QTY | UNIT PRICE | AMOUNT |
|---|---|---|---|---|
| 1 | **Shaping Machine Key Work - T Slot - V Block - Rough Work - Dye Mold - College Purpose - Tool Room Work - 14 Inch - 350 mm Stroke**<br>View product details online | 1 | Rs. 1,80,000 | **Rs. 1,80,000** |

| | |
|---|---|
| Sub-total | Rs. 1,80,000 |
| GST @ 18% | Rs. 32,400 |
| **Grand total** | **Rs. 2,12,400** |

Rupees Two Lakh Twelve Thousand Four Hundred Only

## Features

**Helical Gears :**

We gives 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 gives **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**.

**Four Speed Pulley:**

- Machine can be operated on **Four** 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 | 14 | 355 |
| Length of Ram Without Foot Slide | 26 | 660 |
| Length of Cross Slide | 22 | 558 |
| Width of Cross Slide | 8 | 203 |
| Horizontal Travel of the Table | 17.5 | 444 |
| Vertical Travel of the Tabile | 8.6 | 218 |
| Maximum Distance From Table to RAM | 13.5 | 342 |
| Minimum Distance From Table to RAM | 5 | 127 |
| Working Capacity of Tool holder Size | 4 | 101 |
| Overall Dimentions (L x W x H) | 43 x 29 x 50 | 1092 x 737 x 1270 |
| Range of Speed | 96 – 72, 48 – 36 | – |
| Electric Motors | 1HP | 1440RPM |

## 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: 18" / 460mm

Weight: 1200 kg

**Rs. 2,55,000**

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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