



TUBE TOOLS

SHINGARE™
INDUSTRIES PVT LTD



PIPE BEVELING MACHINE

MANUFACTURER & EXPORTER OF

Tube Cleaner, Tube Tools, Tube Expanders, Bolting Tools, Impact Sockets,
Pipe Beveling Machines, Pipe Cold Cutting Machines,
High Pressure Water Jet Cleaning Machines & Tapping Machines

Education is necessary but not a pre-requisite for success in life. Bhartiya Industries is the best example of this theory. **Mr. Suryakant Shingare** (HARIBHAI), the founder of the company is a non-matriculate technocrat with more than 10 years experience in flexible shaft manufacturing. He founded this company in 1989.



Basic Products:

Engineering products is our forte. We manufacture engineering products such as tube expander, tube cleaner, tube tools, hydraulic tube expansion, tube pulling, and pipe beveling machines. We also deal in manufacture of flexible shaft grinders, construction equipment, hydraulic torque wrench, impact socket, pneumatic tapping machines, and many more...

Brief History of the Company:



We were a small industry until 2003 engaged in production and supply of different types of flexible shafts for tube cleaning, brushes, flexible shaft grinder, and concrete vibrators. The year 2003 was a watershed year for the company.

Mr. Pradip Shingare, son of **Mr. Hari Shingare**, graduated from Mumbai University with a degree in Mechanical Engineering. He had great plans to take the company forward on the route to expansion. He ventured into export of the engineering products. By 2008, the company acquired the reputation as the largest exporter of tube cleaning machines and flexible shafts in India.

The year 2009 saw the expansion of the company into manufacture of products such as Tube expander, tube tools, and tube pulling machines. The company witnessed a record double-digit growth in this product range. In 2011, the company started developing a product range of pipe beveling machines. These machines are extremely popular in India as well as in the overseas market. The year 2013 witnessed the company foray into imports of different types of tools such as tapping tools, grinding tools, etc making us the leading player in India in these categories.

The year 2015 saw us entering into the sugar industry component with the manufacture of the Heavy Duty Sugar Dust Collector machine, FlexRepair40 machine.

In 2016, we added **SHINGARE INDUSTRIES PVT. LTD.** a new company in our group. We were awarded ISO 9001:2015 certification for strictly followed quality norms and processes.

Dedicated Staff:

We have a dedicated team of more than 40 people, many of whom are with us since the early days of the company. We have an excellent blend of youth, knowledge, and experience in our ranks.

Export oriented:

We export over 60% of our products to more than 55 countries all over the globe.

Expansion:

We feel the need to expand our business to enable us to serve the people of this country better. With this aim in mind, we established a new company in the name of SHINGARE INDUSTRIES PVT. LTD.

Our main motto of business is "Growth with Trust."

Our mission is to innovate and create an import substitute products in India.

Sr. No.	Product	Page
1.	Pipe Beveling Machine BBM - 1625, 3000,8000,6000,12000,16000,24000	4
2.	Pipe Beveling Machine Tools	7
3.	Pipe Beveling Machine	8
4.	Narrow Width Pipe Beveling Machine	9
5.	Plate Beveling Machine PBM - 15	10
6.	Plate Beveling Machine Verso PB - 15	11
7.	Plate Beveling Machine (Machine Details)	12
8.	Plate Beveling Machine (Application)	13
9.	Tub Squaring Machine (TS - 1250)	14
10.	Pipe Cutting & Beveling Machine	16
11.	Pipe Cutting & Beveling Machine (Auto Center)	17
12.	Pipe Cutting & Beveling Machine (Tooling Chart)	18
13.	Pipe Cutting & Beveling Machine (Tooling Chart)	19
14.	Pipe Cutting & Beveling Machine (Tooling Chart)	20
15.	Flange Facing Machine SSFFM Series	21
16.	Flange Facing Machine (Pipe Accessories)	22
17.	Flange Facing Machine (Accessories)	23
18.	Important Notes	24

Our Successful Participation in Trade Fairs and convention in INDIA and Overseas.



SISSTA, BENGALURU - 2015



SISSTA, CHENNAI - 2016



STAI, NEW DELHI - 2016



SISSTA, TIRUPATI - 2017



MAHATECH, PUNE - 2015

BBM-1625

The **BBM-1625** is light weight and powerful machine for pipe facing, pipe beveling, and weld preparation. This pipe beveler is compact, easy for handling and quick setup. This pipe beveling machine used for jobs in restricted access area.



Drive	Pneumatic	Electric
Locking Range (mm)	20 - 42	20 - 42
Idle Speed (RPM)	400	250
Torque (Nm)	27.5	45.0
Feeding Stroke (mm)	23	23
Pneumatic Power (HP)	0.45	-
Air Consumption (cfm)	16	-
Air Pressure (psi)	90	-
Electric Power (watts)	-	59.5
Weight (kg)	4.5	5.5

BBM-3000

The **BBM-3000** is a very popular pipe beveling machine. It is versatile and powerful machine. Quick interchangeability of locking jaws to suit wide range of diameters. This pipe beveling machine is used for pipe beveling, tube facing or tube beveling operation.



Drive	Pneumatic	Electric	Hydraulic
Locking Range (mm)	28 - 76	28 - 76	28 - 76
Idle Speed (RPM)	110	140	192
Torque (Nm)	84	138	140
Feeding Stroke (mm)	40	40	40
Pneumatic Power (HP)	0.83	-	-
Air Consumption (cfm)	42	-	-
Air Pressure (psi)	90	-	-
Electric Power (watts)	-	595	-
Weight (kg)	10.5	16.0	15.6

To view demo of above machine please visit our below youtube link <https://youtu.be/OYGcxy7UDNw>
(If you cannot click below then either copy and paste the same in the browser or scan below QR code)



BBM-4500

The **BBM-4500** is a heavy duty pipe beveling machine which is designed for beveling pipe, tube facing and weld preparation for heavy wall thickness tubes. Modular and ergonomic design.



Drive	Pneumatic	Electric
Locking Range (mm)	35-108	35-105
Idle Speed (RPM)	70	80
Torque (Nm)	140	145
Feeding Stroke (mm)	40	40
Pneumatic Power (HP)	0.9	-
Air Consumption (cfm)	55-60	-
Air Pressure (psi)	6(90)	-
Electric Power (watts)	-	1000
Weight (kg)	9.5	10.5

To view demo of above machine please visit our below youtube link <https://youtu.be/fPAZ8ZQK3IU>
(If you cannot click below then either copy and paste the same in the browser or scan below QR code)



BBM-6000

The **BBM-6000** is light weight and powerful machine for pipe facing, pipe beveling, and weld preparation. This pipe beveler is compact, easy for handling and quick setup. This pipe beveling machine used for jobs in restricted access area.

Drive	Pneumatic	Electric
Locking Range (mm)	35-151	35-151
Idle Speed (RPM)	50	80
Torque (Nm)	150	145
Feeding Stroke (mm)	40	40
Pneumatic Power (HP)	1.35	-
Air Consumption (cfm)	55-60	-
Air Pressure (psi)	90	-
Electric Power (watts)	-	1000
Weight (kg)	10.5	11.5



BBM-8000

The **BBM-8000** is a modular and ergonomic designed machine that develops high torque to suit the toughest working conditions. Suitable for a wide range of tube and pipe internal diameters.

Drive	Pneumatic	Electric
Locking Range (mm)	49-203	49-203
Idle Speed (RPM)	50	35
Torque (Nm)	252	265
Feeding Stroke (mm)	40	40
Pneumatic Power (HP)	1.85	-
Air Consumption (cfm)	62-65	-
Air Pressure (psi)	6(90)	-
Electric Power (watts)	-	1100
Weight (kg)	24.5	26.0



BBM-12000

The **BBM-12000** is a combination of power and range in a light and portable design. Rugged and balanced machine suitable for tubes and pipes in the size range of 100mm to 306mm in internal diameter.

Drive	Pneumatic	Electric
Locking Range (mm)	100-306	100-306
Idle Speed (RPM)	35	30
Torque (Nm)	185	323
Feeding Stroke (mm)	50	50
Pneumatic Power (HP)	1.85	-
Air Consumption (cfm)	65-70	-
Air Pressure (psi)	6(90)	-
Electric Power (watts)	-	1100
Weight (kg)	42.5	43.5



BBM-16000

The **BBM-16000** is designed for piping industries and welding workshops for processing pipelines, boilers and fittings. The pipe beveling machine **BBM-16000** is available in pneumatic & electric versions.

RANGE: Working range from 3,7" to 12" Tube ID (94,5-300 mm) in standard configuration and up to 16,45" (418 mm) with the optional extension kit.

Drive	Pneumatic	Electric
Locking Range (mm)	120-400	120-400
Idle Speed (RPM)	18	18
Torque (Nm)	-	-
Feeding Stroke (mm)	50	50
Pneumatic Power (HP)	1.35	-
Air Consumption (cfm)	65-70	-
Air Pressure (psi)	6(90)	-
Electric Power (watts)	-	1300
Weight (kg)	150	150



BBM-24000

pipe beveling machine **BBM-24000** is designed for piping industries and welding workshops for processing pipelines, boilers and fittings. The **BBM-24000** is equipped with a 6 points of contact locking system able to grant stability and absence of vibrations during the operations. Available in pneumatic & electric versions.

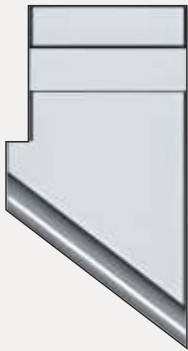
RANGE : Working range from 7" to 20" (180-504 mm) in standard configuration and up to 24" (609,6 mm) with the optional extension kit.

Drive	Pneumatic	Electric
Locking Range (mm)	180-600	180-600
Idle Speed (RPM)	12	24
Torque (Nm)	-	-
Feeding Stroke (mm)	50	50
Pneumatic Power (HP)	1.85	-
Air Consumption (cfm)	65-70	-
Air Pressure (psi)	6(90)	-
Electric Power (watts)	-	1300
Weight (kg)	250	250



With Optional kit: locking range up to 589.28mm (23.2") and working range up to 609.6mm (24").

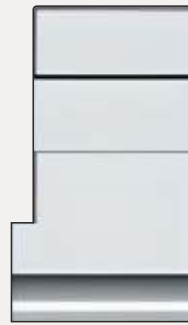
TOOLS



Chamfering Tool Bit
37.5°

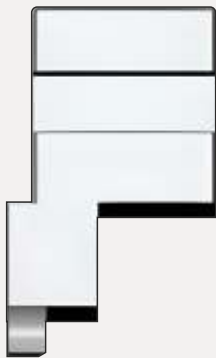


Chamfering Tool Bit
45°

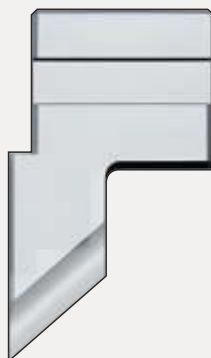


Facing Tool Bit

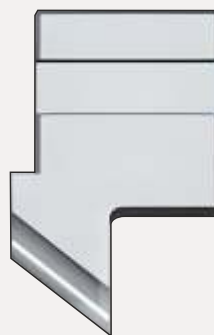
STANDARD TOOL BITS



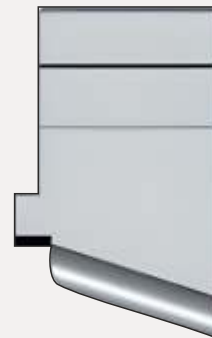
Counterboring



Internal Beveling



External Beveling



J Groove

OPTIONAL TOOL BITS

INSERT TYPE TOOL BITS



Chamfering



Facing



PIPE BEVELING MACHINE

- PIPE BEVELING MACHINE FOR SIZE ABOVE 8" (200MM)
- PIPE THICKNESS FROM 15MM TO 75MM

FEATURES

- The Machine has automatic mechanism which is easy to operate, it also adjust the cutting quantity and beveling angel can be adjusted from 0 degree to 45 degree.
- Pipe wall thickness from 15 mm to 75 mm the machine can be used easily & used as a flange facing tools.

DRIVING TYPE

ELECTRIC MODEL : it is Electrically driven with high performance motor to drive, 220v, 1 phase, Voltage, 50-60 Hz frequency, 1.5 HP-3.0HP Power.

PNEUMATIC MODEL : A Pneumatic moter adopts to drive 10-25 bar is Air Woking pressure, 1000-2000L/Min is Air consuming flux. Mostly used at dangerous operation places & for inflamable.



To view demo of above machine please visit our below youtube link https://youtu.be/NSr_Cr-lp34 (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



TECHNICAL PARAMETER

ELECTRIC MODEL	PNEUMATIC MODEL	WORKING RANGE	WORKING RANGE	MAX.WALL THICKNESS (MM)	ROTATING RATE (RPM)
		(Inner Diameter / Mm)	(Outer Diameter / Mm)		
BBM-28E	BBM-28P	16-28	19-38	15	50
BBM-76E	BBM-76P	28-76	32-89	15	55
BBM-120E	BBM-120P	40-112	48-120	15	30
BBM-159E	BBM-159P	65-159	72-168	20	24
BBM-240E	BBM-240P	80-240	90-273	20	21
BBM-330E-II	BBM-330P-II	150-330	160-356	50	14
BBM-600E-II	BBM-600P-II	300-600	320-630	50	10



BBM-820E-II



BBM-600P-II

To view demo of above machine please visit our below youtube link <https://youtu.be/6ilUfObsprl> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



The machine is designed for pipe end beveling of small diameter, pipe out mounted compact installation. It is used in pipe end beveling process of professional & on-site overhaul. e.g. Water cooled wall, over heater, re-heater, fuel economizer, boiler & fire thermo electricity, etc.

High Quality beveling tool which can process different grades of carbon steels, alloyed steels, stainless steels & other materials of metal pipes.

An outside caliper is fixed in proper position, simple and light, precise centering, steady mount and convenient operation.



DRIVING TYPE

Electric : 1 phase, 230volts, 50-60 Hz, Power 1.4 KW

PNEUMATIC

It uses pneumatic drive of 5 to 7 bar air pressure with air flow of 53-70 CFM.

Electric Drive	Pneumatic Drive	Working Range	Wall Thickness	Speed
BNFC - 53 - II	BNFC - 53P - II	Dia. 14 - 53	8mm Max.	56 RPM
BNFC - 76 - II	BNFC - 76P - II	Dia. 25 - 76	12mm Max.	48 RPM

To view demo of above machine please visit our below youtube link <https://youtu.be/tq7Wj3wBBWM> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



PLATE BEVELING MACHINE



PBM-15

This machine is handy and flexible unit for the preparation of welding beveling deburring of the material. It has low weight (Compared with our other similar machines) which enables to us at almost every workplace and a rattling-free, steady, milling operation. The handling and operation is easy and safe. The machine issuitable for milling steel, VA, Cast Iron, non-ferrous heavy metal withone hand operation.

Smooth and flat beveling face layer of oxide, facilitate for welding.

It meet the need K,V,X & Y types of welding point.

TECHNICAL PARAMETER

- Land Width : 15mm Max. progressively adjustable.
- Bevel Angle : 30-60 degree progressively adjustable.
- Weight : 18 Kg. hase, 400/
- Motor : 3 P 440 Volts, 1.1 KW, 2800 RPM, 50-60 Hz
- Model : PB M-15

To view demo of above machine please visit our below youtube link <https://youtu.be/BNaqV8NABtA> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



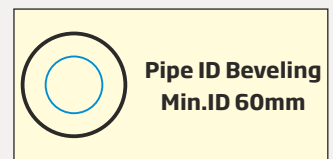
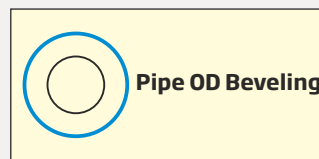
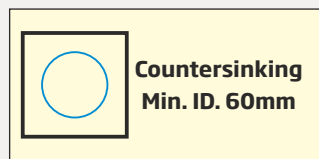
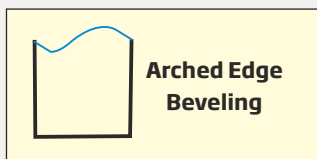
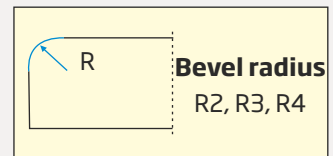
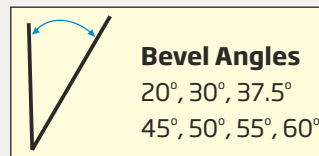
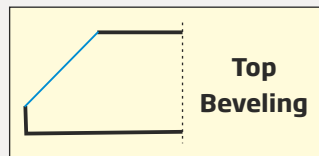
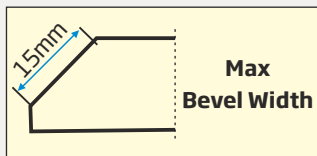
INDO PB-15

FEATURES

- Highly-efficient beveling machine - up to 10 times faster than grinding
- Lightweight ergonomic design reduces worker fatigue.

Bevel Width (MM)	Power (HP / KW)	Voltage (VOLTS)	Speed (RPM)	Bevel (ANGLE)	Tool Bit Qty. (Nos.)	Weight (KG)
1-15mm	3/2.25	220-240	6000	20°~ 60°(Standard 3°)	4 or 5	8.5

BEVEL TYPE



TOOL PARTS



Milling Head 20°



Milling Head 30°



Milling Head 37.5°



Milling Head 45°



Milling Head 50°



Milling Head 55°



Milling Head 60°



Tool Blades



Blades Screw

VERSO PB-15

VERSO PB-15: The **VERSO PB-15** is a versatile, light weight, compact, portable beveling machine for use on flat, curved or rolled plate. It can also use for OD and ID bevels on pipe, including chamfering, and can deburr and countersink holes with a minimum diameter of 1-9/16" (40 mm). Interchangeable bevel milling heads, utilizing indexable carbide inserts, are available for bevel angles of 22.5°, 30°, 37.5°, 45° and 60°. A radius milling head is also available with indexable carbide inserts to radius plate edges with a perfect 2, 3, & 4 radius.

The **VERSO PB-15** is equipped with a simple bevel depth adjustment, overload protection and electronic speed control for use on a variety of materials, including aluminium and carbon steel. The compact design makes the **VERSO PB-15** an excellent machine for many fabrication applications.

The **VERSO PB-15** is highly-efficient for edge weld preparation and for producing radiused plate edges for optimal paint and coating adhesion.

FEATURES

- Guide plate and roller guides insure consistent, highly accurate bevel angles
- Optional anti-abrasion plate and special inserts available for aluminium milling
- Ideal solution for radius milling for paint and coating preparation.
- Versatile tool which can be used to bevel or radius mill straight edges, contours and holes
- Single speed control permits adjustment of milling head for use on various grades of aluminium and carbon steel.
- Produces no hazardous dust, greatly improving working environment.
- Highly-efficient beveling machine - up to 10 times faster than grinding
- Lightweight ergonomic design reduces worker fatigue.



Bevel Width (MM)	Power (HP / KW)	Voltage (VOLTS)	Speed (RPM)	Bevel (ANGLE)	Tool Bit Qty. (Nos.)	Weight (KG)
1-15mm	3/2.25	220-240	2500-7500	20°~ 60°(Standard 3°)	4 or 5	8.5

INDO PB-15

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MACHINE DETAILS



FEED SCALE



PRECISION WHEEL



**PACKAGE:
ALUMINUM ALLOY BOX**



APPLICATION



**STRAIGHT
PLATE**



**CURVE
PLATE**



**SHAPED
PLATE**



**PLATE
HOLE**



**ROUND
TUBE**



**SQUARE
TUBE**

This series is portable out-mounted pipe cutting & beveling machine with the following

Advantages:

- Easy to Operate
- Minimal Radial space
- Lighter Weight

It is available in electric or pneumatic version.

APPLICATION

It is mainly used in Petroleum, Natural Gas, Chemicals, Boiler & Nuclear Plant.

PERFORMANCE

Automatic feed mechanism, no manual-adjustment, high efficiency, high quality. Steel or Aluminium Machine body is toroidal cavity construction, can be divided two parts, installed at any space on the pipeline quickly & Safety.

This machine can be used for cutting & beveling process of different types & sizes of pipes, pressure vessels & steam generator, safely & quickly.

WORKING RANGE

10mm to 1500 150mm, Electrical machine is suitable for 220 V, 50 Hz, 12A, 1.2HP to 3 HP.

TECHNICAL PARAMETER

Electric Model	Pneumatic Model	Hydraulic Model	Working Range		Max. Wall Thickness (MM)	Rotating Rate (RPM)
			Inch	MM		
BCBM-152-E	BCBM-152-P	BCBM-152-H	2 - 6	50 - 152	25	15
BCBM-203-E	BCBM-203-P	BCBM-203-H	2 - 8	50 - 203	25	15
BCBM-254-E	BCBM-254-P	BCBM-254-H	4 - 10	101 - 254	25	15
BCBM-305-E	BCBM-305-P	BCBM-305-H	6 - 12	152 - 305	25	15
BCBM-355-E	BCBM-355-P	BCBM-355-H	8 - 14	203 - 355	25	14
BCBM-406-E	BCBM-406-P	BCBM-406-H	10 - 16	254 - 406	25	13
BCBM-457-E	BCBM-457-P	BCBM-457-H	12 - 18	305 - 457	25	13
BCBM-508-E	BCBM-508-P	BCBM-508-H	14 - 20	355 - 508	25	13
BCBM-560-E	BCBM-560-P	BCBM-560-H	16 - 22	406 - 560	25	13
BCBM-610-E	BCBM-610-P	BCBM-610-H	18 - 24	457 - 610	25	13
BCBM-660-E	BCBM-660-P	BCBM-660-H	20 - 26	508 - 660	25	10
BCBM-715-E	BCBM-715-P	BCBM-715-H	22 - 28	560 - 715	25	10
BCBM-762-E	BCBM-762-P	BCBM-762-H	24 - 30	610 - 762	25	08
BCBM-813-E	BCBM-813-P	BCBM-813-H	26 - 32	508 - 813	25	08
BCBM-914-E	BCBM-914-P	BCBM-914-H	30 - 36	762 - 914	25	07
BCBM-1066-E	BCBM-1066-P	BCBM-1066-H	36 - 42	914 - 1066	25	06
BCBM-1220-E	BCBM-1220-P	BCBM-1220-H	42 - 48	1066 - 1220	25	06

Note : Hydraulic Machines will be supplied without Hydraulic Oil.

To view demo of above machine please visit our below youtube link <https://youtu.be/-hKX8f99LzE> (If you cannot click below then either copy and paste the same in the browser or scan below QR code) →



Note:- Hydraulic or NC model are preferable for pipe OD 1050mm.



BCBM-900-M



BCBM-610-M

To view demo of above machine please visit our below youtube link <https://youtu.be/jWPMFTEJAMc> (If you cannot click below then either copy and paste the same in the browser or scan below QR code) →



To view demo of above machine please visit our below youtube link <https://youtu.be/jxFPyBYSqK4> (If you cannot click below then either copy and paste the same in the browser or scan below QR code) →



APPLICATION

STRAIGHT
PLATECURVE
PLATESHAPED
PLATEPLATE
HOLEROUND
TUBESQUARE
TUBE

TUBE SQUARING MACHINE

TS - 1250

TS-1250 : The new Model TS-1250 is designed specifically as a tube squarer for autogenous welding applications where micro fitting, tube assemblies, or the gripping of short perch length tubing is required with maximum portability. Now, you can do straight tube and fittings with one machine.

A design extension of our field proven TS-1250, our new "quick collet" A design extension of our field proven TS-1250, our new "quick collet" safe, portable or bench mounted, this machine's variable speed, high torque motor delivers excellent finished on all types of materials and exotic alloys without damaging electro polished surfaces.

ADVANTAGES

Materials include but are not limited to Aluminum Copper nickel alloys Carbon steel Stainless Chrome steel (20% max) Copper Drive Motor Details : 1100 W, 220 Volts, 50 Hz, 4.8 amp,

TUBE RANGE AND WEIGHT :

Tube OD 1/8" (3.2mm) to 1.5" (38.5mm) & Tube Thickness: 3.2mm max. Weight : 4.5 Kg.



TS-1250



To view demo of above machine please visit our below youtube link <https://youtu.be/SV1L52ImSro> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



PIPE CUTTING & BEVELING MACHINE (AUTO CENTER)

This series is portable out-mounted pipe cutting & beveling machine with the following advantages

- Easy to operate
- Minimal radial space
- Lighter weight
- Self centering feature

It is available in electric or pneumatic version.

APPLICATION

It is mainly used in Petroleum, Natural Gas, Chemicals, Boiler & Nuclear Plant.

PERFORMANCE

Automatic feed mechanism, no manual-adjustment, high efficiency, high quality. Steel or Aluminium Machine body is toroidal cavity construction, can be divided two parts, installed at any space on the pipeline quickly & Safety.

This machine can be used for cutting & beveling process of different types & sizes of pipes, pressure vessels & steam generator, safely & quickly Machine will be of Auto/Self centering type.

WORKING RANGE

10mm to 1500 150mm, Electrical machine is suitable for 220 V, 50 Hz, 12A, 1.2HP to 3 HP.

TECHNICAL PARAMETER

Electric Model	Pneumatic Model	Max. Wall Thickness (O.D. / MM)	Working Range (MM)	Rotating Rate (RPM)
SCBM - 160 - E	SCBM - 160 - P	50 - 160	25	22
SCBM - 230 - E	SCBM - 230 - P	80 - 230	25	15
SCBM - 300 - E	SCBM - 300 - P	150 - 300	25	13
SCBM - 450 - E	SCBM - 450 - P	300 - 450	25	11



SCBM-300-E



SCBM-230-E

To view demo of above machine please visit our below youtube link <https://youtu.be/umcoPCa1i9I> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)



This series is portable out-mounted pipe cutting & beveling machine with the following

Advantages:

- Easy to Operate
- Minimal Radial space
- Lighter Weight

It is available in electric or pneumatic version.

APPLICATION

It is mainly used in Petroleum, Natural Gas, Chemicals, Boiler & Nuclear Plant.

PERFORMANCE

Automatic feed mechanism, no manual-adjustment, high efficiency, high quality. Steel or Aluminium Machine body is toroidal cavity construction, can be divided two parts, installed at any space on the pipeline quickly & Safety.

This machine can be used for cutting & beveling process of different types & sizes of pipes, pressure vessels & steam generator, safely & quickly.

WORKING RANGE

10mm to 1500 150mm, Electrical machine is suitable for 220 V, 50 Hz, 12A, 1.2HP to 3 HP.

TECHNICAL PARAMETER

Electric Model	Pneumatic Model	Hydraulic Model	Working Range		Max. Wall Thickness (MM)	Rotating Rate (RPM)
			Inch	MM		
BCBM-152-E	BCBM-152-P	BCBM-152-H	2 - 6	50 - 152	25	15
BCBM-203-E	BCBM-203-P	BCBM-203-H	2 - 8	50 - 203	25	15
BCBM-254-E	BCBM-254-P	BCBM-254-H	4 - 10	101 - 254	25	15
BCBM-305-E	BCBM-305-P	BCBM-305-H	6 - 12	152 - 305	25	15
BCBM-355-E	BCBM-355-P	BCBM-355-H	8 - 14	203 - 355	25	14
BCBM-406-E	BCBM-406-P	BCBM-406-H	10 - 16	254 - 406	25	13
BCBM-457-E	BCBM-457-P	BCBM-457-H	12 - 18	305 - 457	25	13
BCBM-508-E	BCBM-508-P	BCBM-508-H	14 - 20	355 - 508	25	13
BCBM-560-E	BCBM-560-P	BCBM-560-H	16 - 22	406 - 560	25	13
BCBM-610-E	BCBM-610-P	BCBM-610-H	18 - 24	457 - 610	25	13
BCBM-660-E	BCBM-660-P	BCBM-660-H	20 - 26	508 - 660	25	10
BCBM-715-E	BCBM-715-P	BCBM-715-H	22 - 28	560 - 715	25	10
BCBM-762-E	BCBM-762-P	BCBM-762-H	24 - 30	610 - 762	25	08
BCBM-813-E	BCBM-813-P	BCBM-813-H	26 - 32	508 - 813	25	08
BCBM-914-E	BCBM-914-P	BCBM-914-H	30 - 36	762 - 914	25	07
BCBM-1066-E	BCBM-1066-P	BCBM-1066-H	36 - 42	914 - 1066	25	06
BCBM-1220-E	BCBM-1220-P	BCBM-1220-H	42 - 48	1066 - 1220	25	06

Note : Hydraulic Machines will be supplied without Hydraulic Oil.

To view demo of above machine please visit our below youtube link <https://youtu.be/-hKX8f99LzE>
(If you cannot click below then either copy and paste the same in the browser or scan below QR code)



Note:- Hydraulic or NC model are preferable for pipe OD 1050mm.



BCBM-900-P



BCBM-610-M

To view demo of above machine please visit our below youtube link <https://youtu.be/jWPMFTEJAMc>
(If you cannot click below then either copy and paste the same in the browser or scan below QR code)



To view demo of above machine please visit our below youtube link <https://youtu.be/jxFPyBYSqK4>
(If you cannot click below then either copy and paste the same in the browser or scan below QR code)



PIPE CUTTING & BEVELING MACHINE (AUTO CENTER)

This series is portable out-mounted pipe cutting & beveling machine with the following advantages

- Easy to operate
- Minimal radial space
- Lighter weight
- Self centering feature

It is available in electric or pneumatic version.

APPLICATION

It is mainly used in Petroleum, Natural Gas, Chemicals, Boiler & Nuclear Plant.

PERFORMANCE

Automatic feed mechanism, no manual-adjustment, high efficiency, high quality. Steel or Aluminium Machine body is toroidal cavity construction, can be divided two parts, installed at any space on the pipeline quickly & Safety.

This machine can be used for cutting & beveling process of different types & sizes of pipes, pressure vessels & steam generator, safely & quickly Machine will be of Auto/Self centering type.

WORKING RANGE

10mm to 1500 150mm, Electrical machine is suitable for 220 V, 50 Hz, 12A, 1.2HP to 3 HP.

TECHNICAL PARAMETER

Electric Model	Pneumatic Model	Max. Wall Thickness (O.D. / MM)	Working Range (MM)	Rotating Rate (RPM)
SCBM - 160 - E	SCBM - 160 - P	50 - 160	25	22
SCBM - 230 - E	SCBM - 230 - P	80 - 230	25	15
SCBM - 300 - E	SCBM - 300 - P	150 - 300	25	13
SCBM - 450 - E	SCBM - 450 - P	300 - 450	25	11



SCBM-300-E

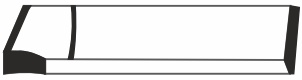
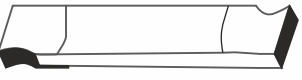
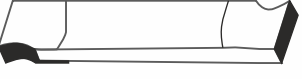




SCBM-230-E

To view demo of above machine please visit our below youtube link <https://youtu.be/umcoPCa1i9I> (If you cannot click below then either copy and paste the same in the browser or scan below QR code)

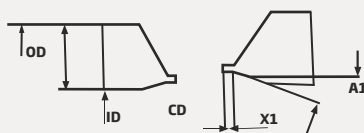


TOOLING CHART

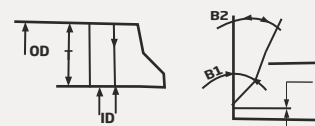
Cutting Tools			
Description	Part Number	Application	Sketch
Cutting tool Material: AISI M42 Width:25mm Thk:5mm	SCT-5100	Standard Cutting, for most materials up to 30mm.	
Cutting tool Material: AISI M42 Width: 5mm Thk: 5mm Length:200mm	SCT-5200	Longer cutting tool, both ends have blade, for most materials up to 60mm, cutting job only with 2c-6200.	
Cutting tool Material: AISI M42 Width: 25mm Thk: 6mm Length:200mm	SCT-6200	Longer cutting tool, both ends have blade, for most materials up to 60mm, cutting job only with 2c-8200.	
Cutting tool Material: AISI M42 Width: 25mm Thk:8mm Length:200mm	SCT-8200	Longer cutting tool, both ends have blade, for most materials up to 60mm, cutting job only with 2c-6200.	
Beveling Tools			
Description	Part Number	Application	Sketch
Beveling tool Material: AISI M42 Width: 12mm Thk:20mm Length:105mm	SBT-RH1220-300 SBT-RH1220-32.5 SBT-RH1220-37.5 SBT-RH1220-A	Right Hand Standard beveling tool for most materials Up to 30mm.	

Details of Counterbore

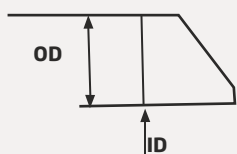
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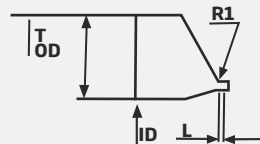
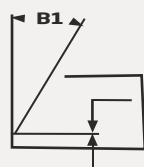
COUNTERBORE



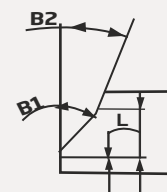
COMPOUND BEVEL



SINGLE BEVEL



J PREP



COMPOUND J PREP

TOOLING CHART

Description	Part Number	Application	Sketch
Beveling tool Material: AISI M42 Width:12mm Thk:20mm Length: 105mm	SBT-LH1220-300 SBT-LH1220-37.5 SBT-RH1220-a	Left Hand Standard beveling tool for most materials, up to 30mm.	
Compound Beveling Material: AISI M42 Width:12mm Thk:20mm Length: 150mm	SBT-CB1220-10°x30°	Right hand 10 x 30, For most material up to 30mm.	
	SBT-CB1220-10°x37.5°	Right hand 10 x 37.5 as per ASME B[16].25 For most material, up to 30mm.	
Compound Beveling Material: AISI M42 Width:25mm Thk:20mm Length: 150mm	SBT-CB2525-10°x30°	Right hand 10 x 30 , For most Material up to 60mm Fit the heavy wall tool slide.	
	SBT-CB2525-10°x37.5°	Right hand 10 x 37.5 as per ASME B[16].25 For most material up to 60mm, fit the heavy wall tool slide.	
Beveling tool Material: AISI M42 Width:25mm Thk:25mm Length: 200mm	SBT-CB2525-10	Longer Beveling tool, both ends have blade, for most materials up to 60mm, fit the heavy wall tool slide.	
	SBT-CB2525-30		
	SBT-CB2525-37.5		
Counter Boring Tools			
Description	Part Number	Application	Sketch
Counter boring tool Material: AISI M42	SCBT	For pipe counter boring used on counter boring tool slide.	

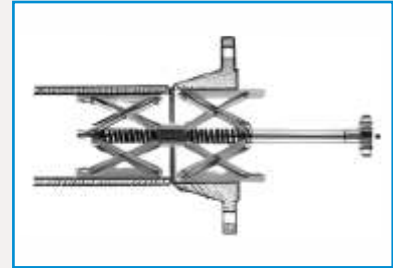
***Consult with us for special application**

TOOLING CHART

SPIDER CLAMP 3000 SERIES

- Designed for easiest and accurate alignment of short pipes/pipe to flanges/nozzles.
- Easily locating areas for welding
- Self centering & available for stainless steel.

Part No.	Range (mm)	Weight (Kgs)
3000-1	54-140	1.25
3000-2	85-220	3.6

**SPIDER CLAMP 4000 SERIES**

- Consist of two separate clamps fixed on self centering shaft.
- Allow independent expansion of clamps operated by Knob and result perfect alignment for pipe to pipe/ pipe to Flange.
- Also available for Stainless Steel applications

Part No.	Range (mm)	Weight (Kgs)
4000-1	54-140	1.25
4000-2	85-220	3.6
4000-3	120-350	10.5
4000-4	180-520	27
4000-5	400-900	39

**ELBOW SPIDER CLAMP 5000 SERIES**

- Two independent clamps is used for clamping flanges to elbows.
- The lower expanding clamp has strong gripping feet which insert into the bend and are tightened by means of the knob.
- Also available for Stainless Steel applications

Part No.	Range (mm)	Weight (Kgs)
5000-1	54-155	1
5000-2	85-195	3.3
5000-3	120-315	9.5
5000-4	180-520	23



SSFFM SERIES - OD MOUNTED FLANGE FACING MACHINE

FEATURES:

- Designed to Process bevelling & Facing of heavy-duty pipes & flanges.
- OD mounted, mechanical swelling, Safe & reliable.
- Process the ange face, Seal groove, and serrated finish.
- Equipped with three-axis servo feed system, processes the complex end bevel.
- Swivel tool post for grooves, RTJ flanges and bevels.
- Continuous groove facing feeds.



SPECIFICATIONS:

DRIVE	SIZE	CLAMPING RANGE OD (mm)	ROTATING (RPM)	SERRATED SPIRAL	BEVELING	FACING & GROOVE
Pneumatic	500	100-500	14	x	✓	✓
	1000	500-1000	10	x	✓	✓
	1500	1000-1500	8	x	✓	✓
Electric Controller	3000	1500-2500	4	x	✓	✓
	500-II	100-500	14	✓	✓	✓
	1000-II	500-1000	10	✓	✓	✓
Hydraulic	1500-II	1000-1500	8	✓	✓	✓
	3000-II	1500-2500	4	✓	✓	✓

PIPE ACCESSORIES

BHARTIYA FIXED & FOLDING STANDS

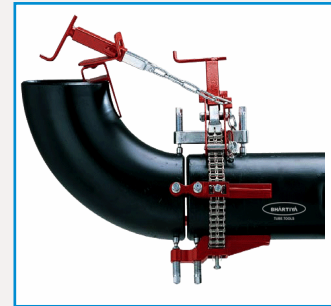
- Upto 1500kg load capacity
- Adjustable height upto 48"
- Option to choose from fix & folding base
- Standard v head cover to 12" & larger v head covers 24"
- Weight 8 kgs.

**HEAVY DUTY BEAM ROLLER**

- Options available from 1 - 10 tons
- Covering range upto 60" pipe diameter
- Easy installation on I beam
- Can be used on stainless steel

**CHAIN CLAMPS****BSCC SERIES SINGLE CHAIN CLAMPS**

- Options available to choose from Steel and CS
- Easy adjustment .
- Different models covering range upto 72 inches .
- Double chain clamps also available for heavy walls thickness.
- Larger sizes also available on request .

**BDCC SERIES DOUBLE CHAIN CLAMPS**

- Bhartiya heavy duty double chain reforming alignment clamp.
- Covers ranges from 10" upto 72" also available in steel.
- Reforms pipes on both sides of the weld joint to schedule 80 and above wall thicknesses.
- Heavy duty Jackbars are listed for the pipe range

**SCISSOR CLAMPS 1000 SERIES**

- Accurate pipe alignment of equal/ unequal on a center line.
- Easy operational hassle free & easily accessible for welding

Part No.	Range (mm)	Weight (Kgs)
1000-1	10-77	2.1
1000-2	40-140	5.9
1000-3	75-330	26



ACCESSORIES

STANDARD TOOL POST

Clamshell c/w the standard tool slide as standard supply
With standard tool bits, achieve cut/bevel up to 30mm wall thicknesses in one pass.



HEAVY WALL TOOL POST

Specially designed for heavy walled pipe, especially for power plants. With special tool bits, cut/bevel wall thickness has no limitations in multiple passes.



TRACKING TOOL SLIDE

O.D. tracking slide compensates for out-of-round pipe
Travel along the O.D makes the bevel face balanced.
Usually applied on large size diameter pipe.



UNIVERSAL COUNTER BORING TOOL POST

Performs counter boring
Tool Feed: Manually
Max. Travel: 70mm



IMPORTANT NOTES

A series of horizontal dashed lines for writing notes, spanning the width of the page.

OUR MAJOR CLIENTS



Please see below our robust and valued client list that uses BHARTIYA products repeatedly. We take pride in our partnerships and the ability to grow with such amazing group of companies.



SHINGARE
INDUSTRIES PVT LTD

- SHINGARE INDUSTRIES PVT. LTD.
Formerly known as Bharatiya Industries
- Manufacturer & Exporter of Tube Cleaners, Flexible Shafts, Tube Tools, Impact Sockets, Bolting Tools, Pipe Cold Cutting and Beveling Machines, Torque Tools, Grinding Tools, Tapping Tools, Hydraulic Torque Wrench, Electric Torque Wrench, Manual Torque Wrench & Torque Multiplier
- Factory Add:** A-48 B Osiya Mataji Compound, Village Kalher, Retibunder Road, Tal. Bhiwandi, Dist. Thane - 421302, Maharashtra.
- Hade Off:** B-227, 2nd Floor, Eastern Business District (Magnet/Neptune Mall), L.B.S. Marg, Bhandup (west), Mumbai - 40078.
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