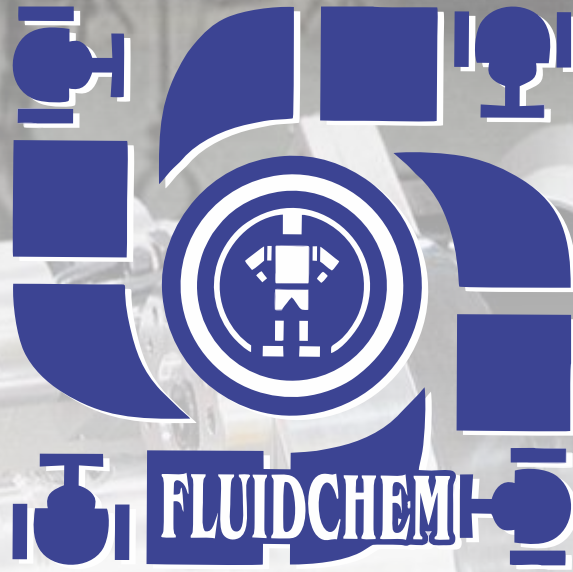


NSIC
CERTIFIED CO.

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सुधे, लघु व मध्म उद्ये



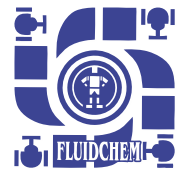
FLUIDCHEM VALVES (I) PVT. LTD.

ISO 9001 : 2015 CERTIFIED CO.

PIPE BEVELING MACHINE CATALOG



2&3, Manish Industrial Estate No.1, Navghar, Vasai (E), Dist-Palghar 401210, Maharashtra, India
Tel: +91-250-2390012 / 2391053 | +91-9820200818 | +91-9819980163 | +91-9820082295
azhar@fluidchemhava.com | fluidchem.valves@gmail.com | www.fluidchemhava.com



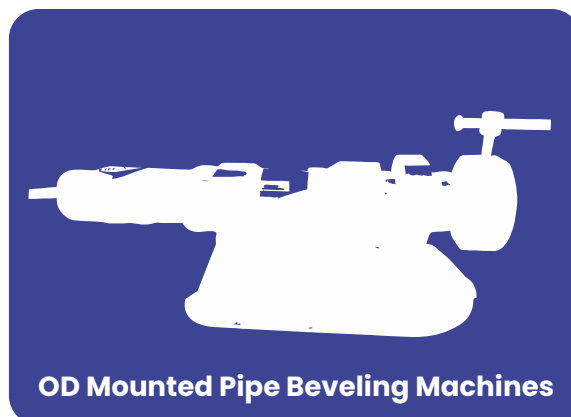
Specialist in designing, manufacturing and supply of portable valves and pipe maintenance equipments, **FLUIDCHEM** is a company established in Vasai (India) since 1996. For over two decades now, we have delivered robust, reliable and efficient valves and pipe maintenance solutions to companies across industries.

We at **FLUIDCHEM** have taken our years of experience, expertise, in-depth product and application knowledge and capabilities into manufacturing high quality **Portable ID and OD Mounted Pipe Beveling Machines, Portable Valve Grinding and Lapping Machines and other products (contact our office to know more about our other products)** which are useful for Power Plants, Nuclear Power Stations, Boiler Manufacturers and Repairers, Heat Exchangers Manufacturers, Petrochemical Plants, Steel Plants, Plant Construction / Erectors, Fabricators, Refineries, Fertilizer Plants, Ships and Shipyards and other industries.

Having manufactured and supplied over 1000+ products over the years, **FLUIDCHEM** has a dominant market share in India. **We have also exported our portable machines to over 35+ countries so far.** We are able to support you with a wide range of valves and pipe maintenance products and services thanks to our direct connection with our customers and end users. Our direct communication with customers and end users ensure you a fast, reliable and quality solution for all queries you might have regarding your valve maintenance and repairing application.

FLUIDCHEM has 2 manufacturing facilities and 1 warehouse located in central India. The main plant, office and warehouse is located in Vasai (near Mumbai). The other factory is located in Ahmedabad, Gujarat. These plants are equipped with modern manufacturing facilities with special purpose machines, lathe and CNC machines and testing equipments for total control of all manufacturing operations.

We strongly believe we can offer to the market the best commercial package of product quality, global representation, service and delivery. Our self belief is backed by an enviable reputation with our clients who continue to re-order machines and equipments, replying on us to be an integral part of their supply chain and recognizing us as one of the leaders in our field!



FLUIDCHEM's ID and OD Mounted Pipe Beveling Machines are designed and manufactured for portable use in mechanical weld preparation thus making pipe beveling jobs easier to complete on-site or in the workshop. Our pipe beveling machines are affixed to the pipe with an inside or outside clamping system. These pipe beveling machines are operated by one worker, who gives a manual feed to the pipe beveling machine with a lever.

All **FLUIDCHEM** make ID and OD Mounted Pipe Beveling Machines are available with an electrical or pneumatic drive. Facing, Beveling and Counter Boring preparations are possible on all machinable alloys including stainless steel, duplex, super duplex, inconel and other alloys steel.

These beveling machines are torque reactive. This means that the pipe or tube does not have to be fixed to be beveled, making it particularly useful on-site, in maintenance and repair situation. This is due to the design and strength of the thru shaft system that locks to the bore of the pipe.

In general, for the weld preparation of wall pipes the weld edge end has to be beveled in a 0°, 30°, 37.5° outside or j-shape (inside 15°). Most companies use a heavy grinder for this work. This takes a long time, is not precise and creates terrible working conditions for the workers. Dust, vibrations and noise physically harm the workers and the low quality weld preparation reduces the quality of the welding junction and long preparation time increases production costs.

Special Features

- Expanding mandrel allows fast, accurate and self-centering alignment with torque-free operation for operator safety
- Works on most materials and wall thickness.
- Available with high quality Electric and Pneumatic Motors.
- Tool Holder holds the beveling tool bits tightly at the desired position. Its robust construction and support to the cutting bits ensure vibration free performance.
- High strength mandrel and large-area expanding block mostly improve the rigidity.
- One or more bevel tools can be installed on tool holder and pipe can be worked synchronously.

Benefits:-

- High quality weld prep.
- Consistent repeatable quality.
- High productivity.
- Ergonomic.
- Quick, light and easy to set up and use.
- Less noise, dust and sparks.

Standard Tools:-



Tool Bits for facing & beveling
HSS Tool bits 0°, 30°, 37.5°
(Other angles are available on request)
Short and long tools available

Tool Bits for J-prep
HSS Tool bits 0°, 30° and 45°
Customized tool bits available



Tool Bits for counter boring
HSS Tool bits 10° and 15°
Short and long tools available

Packing:-

All units are supplied complete with all gripping segments to cover the full range of the machine. Service tools, drawings, instruction manual and warranty certificate are also supplied as standard along with each machine. Each machine is supplied in a protective metal carrying case



ID MOUNTED PIPE BEVELING MACHINES



MODEL: GHF-PB42

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	20-42	20-42
Idle Speed	RPM	220	220
Torque	NM	42	30
Feeding Stroke	MM	22	22
Pneumatic Motor	HP	-	0.55
Power Air Consumption	CFM	-	18-20
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	850	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	5.8	5.0

*Optional Model Available on request: 14mm to 42mm (Locking Range Id)



MODEL: GHF-PB76

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	28-76	28-76
Idle Speed	RPM	80	115
Torque	NM	80	55
Feeding Stroke	MM	40	40
Pneumatic Motor	HP	-	0.72
Power Air Consumption	CFM	-	35-40
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	1000	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	9.8	8.5

*Optional Model Available on request: 28mm to 82mm (Locking Range Id)



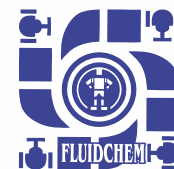
MODEL: GHF-PB108

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	35-108	35-108
Idle Speed	RPM	70	70
Torque	NM	145	140
Feeding Stroke	MM	40	40
Pneumatic Motor	HP	-	1.35
Power Air Consumption	CFM	-	55-60
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	1000	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	10.5	9.5

* Optional Model Available on request: 25mm to 108mm (Locking Range Id)



ID MOUNTED PIPE BEVELING MACHINES



MODEL: GHF-PB151

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	35-151	35-151
Idle Speed	RPM	80	50
Torque	NM	145	150
Feeding Stroke	MM	40	40
Pneumatic Motor	HP	-	1.35
Power Air Consumption	CFM	-	55-60
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	1000	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	11.5	10.5

* Optional Model Available on request: 25mm to 151mm (Locking Range Id)



MODEL: GHF-PB203

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	49-203	49-203
Idle Speed	RPM	35	50
Torque	NM	265	252
Feeding Stroke	MM	40	40
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	62-65
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1100	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	26.0	24.5

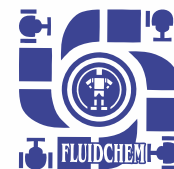


MODEL: GHF-PB306

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	100-306	100-306
Idle Speed	RPM	30	35
Torque	NM	232	185
Feeding Stroke	MM	50	50
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1100	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	43.5	42.5



ID MOUNTED PIPE BEVELING MACHINES



MODEL: GHF-PB400

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	100-400	100-400
Idle Speed	RPM	18	18
Torque	NM	-	-
Feeding Stroke	MM	50	50
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1300	-
Voltage	VOLT	220	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	150	150



MODEL: GHF-PB450

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	120-450	120-450
Idle Speed	RPM	16	16
Torque	NM	-	-
Feeding Stroke	MM	50	50
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1300	-
Voltage	VOLT	220	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	150	150



MODEL: GHF-PB600

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range Id	MM	180-600	180-600
Idle Speed	RPM	12	12
Torque	NM	-	-
Feeding Stroke	MM	50	50
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1300	-
Voltage	VOLT	220	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	250	250





FLUIDCHEM's Panel Facing OD Mounted Pipe Beveling Machine is a pipe beveling machine with OD locking system for pipes having an external diameter from 08mm to 76.1 mm. Our Panel Facing machine is suitable for working in tight clearances and in any occasion where locking in the ID is not possible. It was widely used in boiler water wall, fins, boiler economizer, super heater, reheater, power plants and other industries. FLUIDCHEM's Panel Facing machine is available in Pneumatic and Electric versions.

MODEL: GHF-NPB53

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range OD	MM	08 - 53	08 - 53
Idle Speed	RPM	125	110
Torque	NM	12	12
Feeding Stroke	MM	25	25
Pneumatic Motor	HP	-	1.0
Power Air Consumption	CFM	-	35-40
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	1300	-
Voltage	VOLT	220-240	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	10.5	9.5
Materials		MS/SS/DUPLEX/HIGH ALLOY	
Working		FACING/ VPREP/J PREP/COUNTER BORING	

*Optional Model Available on request: 08mm to 63mm (Locking Range OD)

MODEL: GHF-NPB76

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range OD	MM	20-76.1	20-76.1
Idle Speed	RPM	110	70
Torque	NM	12	12
Feeding Stroke	MM	25	25
Pneumatic Motor	HP	-	1.2
Power Air Consumption	CFM	-	35-40
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	1/2"
Electric Motor Power	WATT	1300	-
Voltage	VOLT	220-240	-
Frequency	Hz	50	-
Max Noise Level	dB	75	75
Unit Weight	KG	12.5	11.5
Materials		MS/SS/DUPLEX/HIGH ALLOY	
Working		FACING/ VPREP/J PREP/COUNTER BORING	



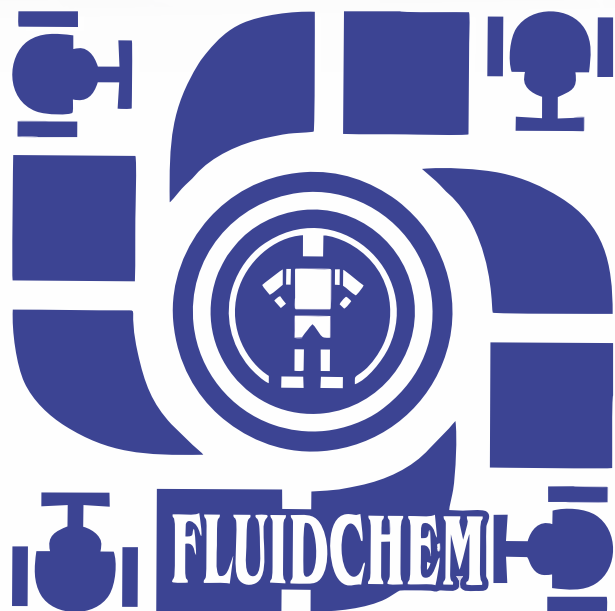
FLUIDCHEM's OD Mounted Pipe Beveling Machine is a pipe beveling machine with OD locking system for pipes having an external diameter from 08mm to 60mm. These OD Mounted Pipe Beveling Machines are used for the preparation of pipe ends of individual pipes or membrane walls. It is particularly very useful and handy for smaller size tubes. **FLUIDCHEM's** OD Mounted Pipe Beveling Machine is available in Pneumatic and Electric versions.

MODEL: GHF-OPB30

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range OD	MM	8-30	8-30
Idle Speed	RPM	300	450
Torque	NM	105	95
Feeding Stroke	MM	25	25
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1100	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	60	60
Unit Weight	KG	10.0	9.5

MODEL: GHF-OPB60

DESCRIPTION	MEASUREMENT	ELECTRIC	PNEUMATIC
Locking Range OD	MM	25-60	25-60
Idle Speed	RPM	300	450
Torque	NM	105	95
Feeding Stroke	MM	25	25
Pneumatic Motor	HP	-	1.85
Power Air Consumption	CFM	-	65-70
Air Pressure	BAR(Psi)	-	6 (90)
Air Hose Connection	BSP	-	3/4"
Electric Motor Power	WATT	1100	-
Voltage	VOLT	220/110	-
Frequency	Hz	50	-
Max Noise Level	dB	60	60
Unit Weight	KG	13.0	12.5



FLUIDCHEM VALVES (I) PVT. LTD.

2&3, Manish Industrial Estate No.1, Navghar, Vasai (E), Dist-Palghar 401210, Maharashtra, India
Tel: +91-250-2390012 / 2391053 | +91-9820200818 | +91-9819980163 | +91-9820082295
azhar@fluidchemhava.com | fluidchem.valves@gmail.com | www.fluidchemhava.com