



GLASS BLOWING  
TOOLS, MACHINE, EQUIPMENTS  
PRODUCT CATALOGUE

## GLASS BLOWING LATHE : FLOOR MODEL

These lathes are manufactured for precision work for glass and quartz working. The machine bed is of sturdy welded construction; stress relieved and all components including cylindrical guide ways are hardened and ground to make it durable, wear-resistant and long lasting. These machines are for extreme demanding applications in Glass and quartz working. Machine is equipped with 2 nos. 3-jaw precision ring chunks with special clamping jaws made of alloy steel and provided with taper wedges for eliminating any play in the jaws ensuring perfect parallel clamping. Stepless variable D.C. Motor for connection to 110/220 volts AC Single phase

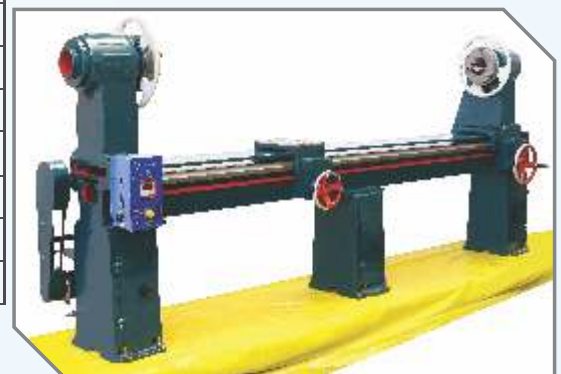
- Hardened and ground and therefore wear-resistant in combination with the throughout machined base, stress relieved.
- Closed stainless steel cover above bed for optimum protection against heat radiation and dust.
- Spindle drive by service-free electro-drive via potentiometer (from 0 position until the factory adjusted max. Speed) stepless variable through a DC Motor.
- Power transfer to working spindles via easily adjustable precision roller or double roller chains
- Revolving directions of spindles changeable by means of a selector switch

### MACHINES RUN TRUE OUT OF CRATE

#### Standard Accessories:

- Head stock and 3 jaw Chuck
- Tail stock and 3 jaw chuck
- Speed Regulator and motor

Floor model Sizes Available	
Bore Size MM	Distance between chuck faces MM
85	750
85	1500
85	2000
110	750
110	1500
110	2000
125	1500
125	2000
150	1500
150	2000
200	1500
200	2000
250	1500
250	2000



### GLASS WORKING LATHE(Tablemodel)

This is a horizontal glass working lathe, bench type, commonly used in precision glass industry for thermometer sealing, electrode sealing, glass to metal seals, graded seals and other blowing and forming operations. The lathe is carefully designed for accurate and precision operation. The machine can be equipped with ring chucks.

#### Features:

- The lathe bed is of special casting, well machined and stress relieved.
- Burner carriage and tail stock have smooth precision movement on hardened and ground flat guideways.
- Spindle drive is by DC motor using roller chains and sprockets.
- Clockwise and anti clockwise rotation of the spindle is by a selector switch. Spindler otation can be varied continuously.
- The bed guide ways and the moving parts are protected against heat and dust by a cover.
- Both headstocks have provision for internal blowing.
- The machine is supplied complete with motor,controller and a pair of ring chucks.

Table model Sizes Available	
Bore Size MM	Distance between chuck faces MM
50	600
50	750
65	750
65	1000
65	1250
85	750
85	1000
85	1250
110	1000
110	1250
125	1100



**GLASS CUTTING MACHINE**

Suitable for handling laboratory glass, quartz, rods, funnel and Stems hypodermic syring barrels etc. The machine is equipped with re-circulating coolant water pumps are driven by single-phase 1/2 h.p. motor 220 volts. The machine is fitted with 250 mm diamond impregnated Wheel.

**HORIZONTAL SURFACES GRINDING LAPPING MACHINE**

(Heavy Model) enclosed complete with 1 h.p. electric motor and on/off switch with arrangement for collections of waste grinding powder. The grinding wheel is made of the cast iron & is of 45 cm. diameter with fix speed

**ANNEALLING FURNACE:**

Specially made for annealing of glass maximum temp. upto 800 degree c ; inner zone for keeping the job is about 18" X 18" X36";

Standard unit is equipped with a temperature controller heating and cooling of the furnace would be slow Long life special alloy heating elements ; Uniform heating throughout the zone.

**GRADUATION MACHINE**

Manually operated for dividing burettes & pipettes centrifuge Tube etc. 250 line with b attachment for full circle line/cylinder graduating.

**PENTOGRAPH MACHINE**

All metal Design with precision workmanship for burettes and pipettes etc. Master plate consisting of three plates inscribed with 0-9 figures with A-Z Same pattern as above the german pattern

**PLURO STOPPER****UNIVERSAL BLAST BURNER 'SENIOR'**

with moveable sleeve supplied with 5 interchangeable Orifices each having different size opening. Provided with separate stopcock oxygen ,air & gas.

**FORCEPS**

with insulated handle specially designed for working with glass

length  
230 mm  
250 mm  
300 mm

**GLASS TUBE CRACK OFF MACHINE**

Glass Tube Cracking-off Machines suitable for soda glass, lead glass and borosilicate glass The tube to be cut is manually placed on the roller drive of the machine and shoved against the adjustable limit stop. Now the turning tube is manually scratched outside by means of a diamond.

Thereupon the cracking-off burner mounted on a slide is placed against an also adjustable limit stop exactly to the scratching position into the tube. By means of the very sharp oxygen flame and the cleft made by the diamond at this position, the tube cracks off. Alternatively the tube can be heated up from outside by a very sharp flame and cracked-off through a cooling roller, running in a water bath. This method is only suitable for soft glass. Base Frame: The machine base frame consists of stable ms frame covered with sheet All other machine parts, as burner slide and roller drive, are mounted onto this base frame.

**HAND OPERATED TUBE CRACK OFF MACHINE**

**SILENCE BURNER**

200 mm long  
 250 mm  
 300 mm

**GLASS HAND CUTTER FOR TUBING****HEAT RESISTANT HAND GLOVES**

A. Ceramic 350 mm  
 B. kevlar 350 mm

**CARBON RODS****(sizes)**

4 X 300 mm  
 6 X 300 mm  
 8 X 300 mm  
 10 X 300 mm  
 12 X 300 mm  
 16 X 300 mm  
 18 X 300 mm  
 25 X 300 mm

**CARBON REAMERS**

Hexagonal in shape with polished wooden handle.

**(size)**

B:14  
 B:19  
 B:24  
 B:29  
 B:34  
 B:40

**SWIVEL: MADE OF POLISHED BORE**

A. 4 mm  
 B. 6 mm  
 C. 10 mm

**ROLLERS**

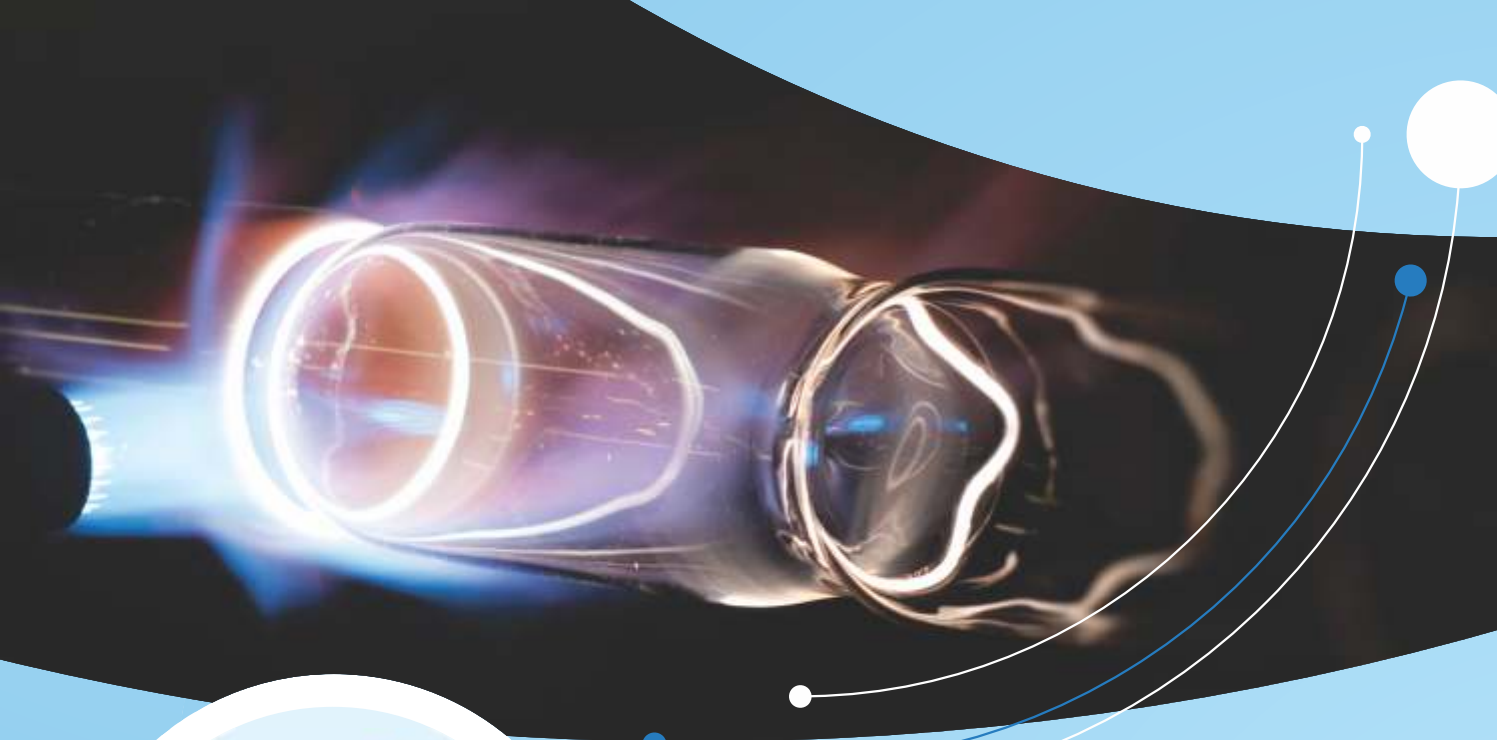
Adjustable consist of two rollers 65 mm dia. with lateral & height adjustments for handling glass tubing up to 200 mm dia  
 Mounted on heavy cast iron base

**CARBON PLATES****(Size in mm)**

6X25X180  
 6X50X180  
 6X100X180  
 12X25X180  
 12X50X180  
 12X100X180  
 With Wooden handle

**EYE SAFETY GOGGLES DIDYDNUM LENS****GLASS BLOWING GOGGLES INDIAN MADE****STRAIN VIEWER****HAND TORCH****BRASS REAMERS**

B-7      B-40  
 B-10     B-45  
 B-12     B-50  
 B-14     B-55  
 B-19     B-60  
 B-24     B-65  
 B-29     B-70  
 B-34     B-75



**CE** ISO Certified



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