

**ANNEXURE-X40150
FOR FLAT SEAT
FULL BORE GLOBE Valve
Grinding and Lapping Machine
TYPE GHF X40150 size 40mm dia to 150mm dia**



You can do lapping of 2 valves of different size in this range.

Operative Range:

PORTABLE Globe & Safety Valve Grinding & Lapping Machine for the refurbishing on site (In Situ) of:

- sealing surfaces [body seat ring] in Globe Valves of various makes & size
- flanges

Design:

- modern construction, handy, light, and robust
- one-man-operation!
- suitable for on-site service as well as for overhaul in the workshop
- machine, tools, and accessories are corrosion-protected by chrome plated of surface

**Working Range: TYPE GHF X40150 Size 40mm dia to 150mm dia
FLUIDCHEM will supply 2 assembly machines**

No.1 10mm shafting assembly machine with SUBMURGABLE DEPTH OF 300mm
With center holding cone disc for assembly on valve body bonnet

No.2 15mm shafting assembly machine with SUBMURGABLE DEPTH OF 350mm
With base plate to mount on Globe valve Body bonnet

These 2 assembly machines will cover Globe Valves FLAT SEAT from 40mm to 150mm

Electrically Operated PERLESS ELCTRIC TYPE SRE4-713 OR Equivalent 230V /50Hz-60Hz,
Speed 250-600 RPM continuous REVERSION [Pendulum] Rotation
Weight 1.75kg.
With Gear Assembly 3.2kg

Or

Pneumatically Operated:- Ingersoll Rand Air Motor or Equivalent
Air Flow 15cfm
0.4 HP
Free Speed of Air motor 200-400 RPM

Grinding System: Flat Grinding Plates for Working Range DN 40 – 150 (NB 1 1/2” -6”) made up of Stainless Steel

PLATE SIZE- [VALVE SEAT RING OUTER DIA SIZE]	VALVE SEAT RING OPENING (ID) SIZE	QTY.
50mm dia	40mm dia	 1 no.
55mm dia	-	 1 no.
60mm dia	-	 1 no.
65mm dia	50mm dia	 1 no.
73mm dia	-	 1 no.
80mm dia	65mm dia	 1 no.
85mm dia	-	 1 no.
90mm dia	-	 1 no.
95mm dia	80mm dia	 1 no.
100mm dia	-	 1 no.
105mm dia	-	 1 no.
120mm dia	100mm dia	 1 no.
145mm dia	125mm dia	 1 no.
165mm dia	150mm dia	 1 no.
180mm dia	150mm dia aluminium plate	 1 no.

Self Adhesive Abrasive Papers:-ALUMINIUM OXIDE upto 220 grit and above 220 grit we will supply Self Adhesive Abrasive Papers in SILICON CARBIDE

SIZE	80 GRIT	120 GRIT	220 GRIT	400 GRIT	TOTAL
25mm Dia	100	100	100	100	400 pcs.
30mm Dia	50	50	50	50	200 pcs
35mm Dia	100	100	100	100	400 pcs.
40mm Dia	25	25	25	25	100 pcs
45mm Dia	25	25	25	25	100 pcs
50mm Dia	25	25	25	25	100 pcs

Rotating Grinding Heads of SS

Size	Quantity
25mm diameter	 5 Nos.
35mm diameter	 5 Nos.

Standard Accessories:

- 1 inspection light
- 1 tools for mounting of machine [Spanner & Allen Key set]
- 1 knife for removal of used grinding papers
- 1 instruction manual
- 1 assortment of screws as spare parts
- 1 hand crank

**Dimensions of Case 1 which consists of Machines + Consumables:- Size 24.5” x 30” x 12”
Weight of Case 1: Net Weight 44Kg**

**Dimensions of Case 2 which consists of Abrasive Papers and tools:- Size: 17” x 11” x 7”
Weight of Case 2: Net Weight 9.55kg**

All this packed in metal transport boxes.



CASE NO.1



CASE NO.2

Contact us in case you require Extra with chargeable basis.

Electric Drive motor
Pneumatic Drive motor

FLUIDCHEM