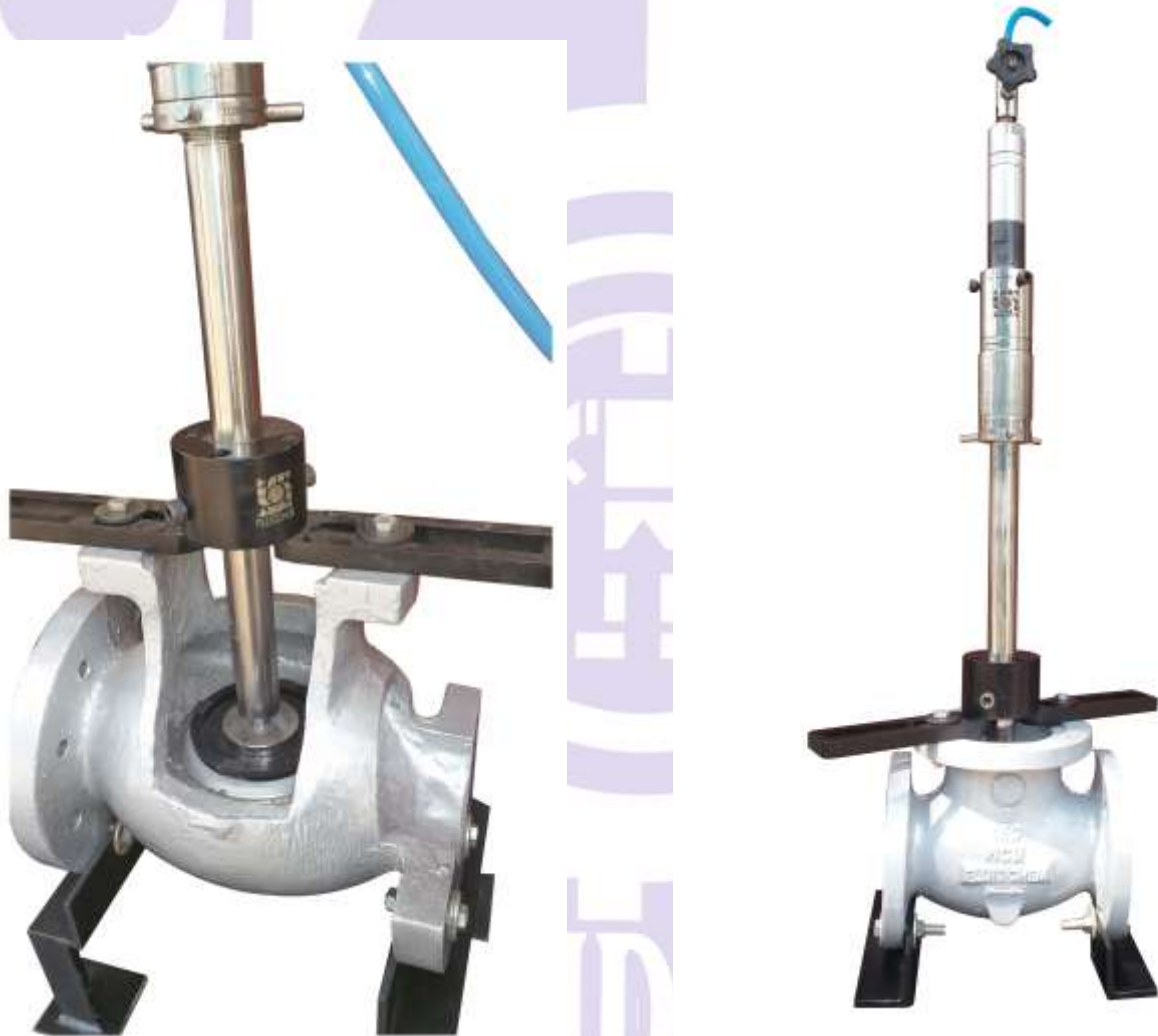


**ANNEXURE-XS20150  
FOR FLAT SEAT  
FULL BORE GLOBE and Safety Valve  
Grinding and Lapping Machine  
TYPE GHF XS20150 size 20mm dia to 150mm dia**



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

**Operative Range:**

**PORTABLE Globe 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-XS20150 Size 20mm dia to 150mm dia**

**FLUIDCHEM will supply 3 assembly machines**

**No.1** 10mm shafting assembly machine with SUBMURGABLE DEPTH OF 150mm  
With center holding cone disc for assembly on valve body bonnet

**No.2** 10mm shafting assembly machine with SUBMURGABLE DEPTH OF 300mm  
With center holding cone disc for assembly on valve body bonnet

**No.3** 15mm shafting assembly machine with SUBMURGABLE DEPTH OF 350mm  
With base plate to mount on Globe valve Body bonnet

**These 3 assembly machines will cover Globe Valves FLAT SEAT from 20mm 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 20 – 150 (NB 3/4” -6”) made up of Stainless Steel**

| PLATE SIZE-<br>[ VALVE<br>SEAT RING<br>OUTER DIA<br>SIZE ] | VALVE<br>SEAT RING<br>OPENING (ID)<br>SIZE | QTY.  |
|--|--|---|
| 25mm dia   | 20mm dia                                   |  1 no.   |
| 30mm dia   | 25mm dia                                   |  1 no.   |
| 35mm dia   |  |  1 no.   |
| 40mm dia   | 32mm dia                                   |  1 no.   |
| 45mm dia   | -  |  1 no.   |
| 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                                  |  1no.  |
| 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**