

**ANNEXURE-XS1050
FOR FLAT SEAT
FULL BORE SAFETY Valve
Grinding and Lapping Machine
TYPE GHF XS1050 size 10mm dia to 50mm dia**



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

Operative Range:

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

- sealing surfaces [body seat ring] in SAFETY 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 XS1050 Size 10mm dia to 50mm dia

Fluidchem will supply 2 assembly machine

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

These 2 assembly machine will cover SAFETY Valves FLAT SEAT 10mm to 50mm

1 NO. Electrically Operated PERLESS ELCTRIC TYPE SRE4-713

Or Equivalent with CONTINOUS motion

1 NO. with REVERSION [PENDULAM] motion upto 4”

Speed 250-600 RPM

Weight 1.75kg.

With Gear Assembly 3.2kg

Or

1 NO. Pneumatically Operated : Ingersoll rand Air Motor or Equivalent with continuous motion.


1 NO. Pneumatically Operated : Ingersoll rand Air Motor or Equivalent with pendulum motion upto 4”

Air Flow 15cfm

0.4 HP

Free Speed of Air motor 200-400 RPM



Grinding System: Flat Grinding Plates for Working Range DN 10 – 50 (NB 3/8” -2”) made up of Stainless Steel

PLATE SIZE- [VALVE SEAT RING OUTER DIA SIZE]	VALVE SEAT RING OPENING (ID) SIZE	QTY.
18mm dia	10mm dia	 1 no.
20mm dia	15mm dia	 1 no.
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	50mm dia -	 1 no.
65mm dia		 1 no.

Self Adhesive Abrasive Papers in SILICON CARBIDE

SIZE	240 GRIT	400 GRIT	600 GRIT	800 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.

Lapping System: Flat Grinding Plates for Working Range DN 10 – 50 (NB 3/8” -2”) made up of Cast Iron

PLATE SIZE- [VALVE SEAT RING OUTER DIA SIZE]	VALVE SEAT RING OPENING (ID) SIZE	QTY.
18mm dia	10mm dia	 1 no.
20mm dia	15mm dia	 1 no.
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	50mm dia -	 1 no.
65mm dia		 1 no.

LAPPING PASTE to be used with CAST IRON PLATES

1. 500 gms Lapping Paste grit size 220
2. 500 gms Lapping Paste grit size 400
3. 500 gms Lapping Paste grit size 800

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 chargable basis.

Electric Drive motor
Pneumatic Drive motor

FLUIDCHEM