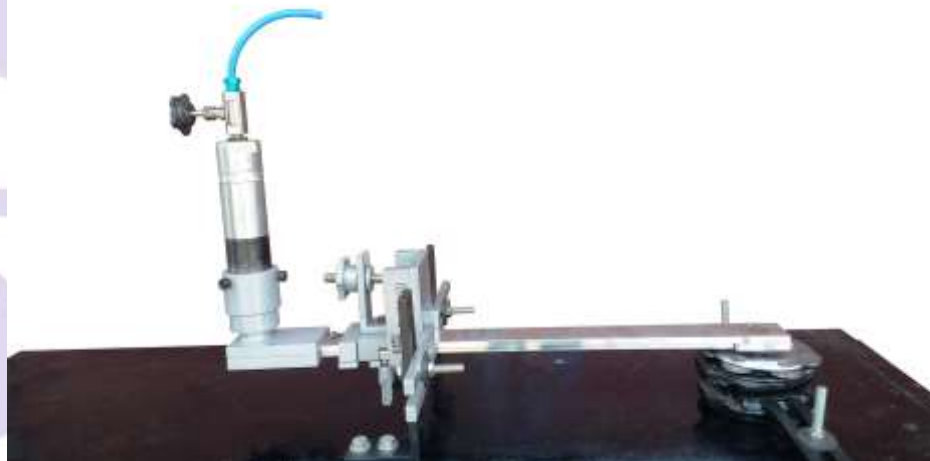


ANNEXURE-A32150
FULL BORE GATE & PARALLEL SLIDE Valve
Grinding and Lapping Machine
Model TYPE GHF-A32150 Size 32mm to 150mm



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

FLUIDCHEM make PORTABLE Parallel Slide & Gate valve grinding & lapping machine for the refurbishing on site of:

- sealing surface [body seat ring] in parallel Slide & Gate valve of various makes & size
- sealing surface [body seat ring] in swing check valves [with extra Adaptor]
- flanges
- wedges and wedge disk

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 galvanic finish of surface

ASSEMBLY NO.1 :

- 1) Valve size 32mm – 50mm
- 2) Having Submergible depth D -280mm
- 3) Minimum distance between two Valve's Body's seat Ring With Flat Holding plates: 17mm
- 4) WEIGHT OF ASSEMBLY 3KG + 0.5KG

ASSEMBLY NO.2

- 1) Valve size 50mm – 150mm
- 2) Having Submergible depth D -380mm
- 3) Minimum distance between two Valve's Body's seat Ring:
 - a) With Flat Holding plates: 27mm
 - b) With Rotating Grinding Heads disc 33mm
- c) WEIGHT OF ASSEMBLY 7.6KG + 1.5KG

Electrically Operated PERLESS ELCTRIC TYPE SRE4-713 Or Equivalent 230V /50Hz-60Hz,
continuous Rotation

Speed 250-600 RPM

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 32 – 150 (NB 1 1/4” -6”) made up of Stainless Steel

PLATE SIZE- [VALVE SEAT RING OUTER DIA SIZE]	VALVE SEAT RING OPENING (ID) SIZE	QTY	SUITABLE FOR PRESSURE CLASS #
40mm dia	32mm dia	 1 no.	300# Class & Above
45mm dia		 1 no.	300# Class & Above
50mm dia	40mm dia	 1 no.	150# Class & Above
55mm dia	-	 1 no.	150# Class & Above
60mm dia	50mm dia	 1 no.	150# Class & Above
65mm dia		 1 no.	150# Class & Above
73mm dia	65mm dia	 1 no.	150# Class & Above
80mm dia		 1 no.	150# Class & Above
85mm dia	-	 1 no.	150# Class & Above
90mm dia	-	 1 no.	150# Class & Above
95mm dia	80mm dia	 1 no.	150# Class & above
100mm dia	-	 1 no.	150# Class & above
105mm dia	-	 1 no.	150# Class & above
120mm dia	100mm dia	 1 no.	150# Class & above
145mm dia	125mm dia	 1 no.	150# Class & above
165mm dia	150mm dia	 1 no.	150# Class & above

180mm dia	150mm dia aluminium plate	 1 no.	150# Class & above
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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 1



Case 2

Extra Accessories on chargeable basis

1. Wedge Clamping System
2. Mounting assembly for WELDED BONNET JOINT [FLANGELESS BONNET] with 5 meter Belt.
3. CBN [CUBICLE BORON NITRIDE] GRINDING DISC- 5 nos. per set.
4. LAPPING ATTACHEMNT [ROTATING HEADS]
 1. ROTATING HEADS of 25mm dia having 3mm CAST IRON plate on top- 5 NOS.
 2. ROTATING HEADS of 35mm dia having 3mm CAST IRON plate on top- 5 NOS.
 3. 500 gms Lapping Paste grit 120
 4. 500 gms Lapping Paste grit 400
 5. 500 gms Lapping Paste grit 800
6. Adaptor attachment for Radial drill Machines
7. Electric Drive motor
8. Pneumatic Drive motor