



GT150350

Portable Gate Valve Lapping Machine

- Best for Lapping of Sealing Surfaces in Parallel Slide and Gate Valve of various make and size, Flanges, Wedges and wedge disk.
- Attractive and Modern Construction
- Handy, light, robust and User friendly
- One Man Operation
- Suitable for Onsite services as well as for overhaul in the workshop
- Pneumatic or Electrically Operated
- Economic

Application Areas:

- Power Generation
- Oil and Gas
- Chemical Plants
- Water Treatment Plants
- Petrochemical Industry
- Valve Manufacturing Units
- Thermal & Nuclear Power Plants
- Fertilizer Plants
- Paper and Pulp Mills, etc.



* Photos are for visual reference only

ABHIJAT make PORTABLE parallel slide and gate valve grinding and lapping machine for the refurbishing of:

- Sealing surface (body seat ring) in parallel slide and gate valve of various make and - size.
- Flanges, Wedges and wedge disk.

ASSEMBLY:

- Valve size 150MM - 350MM.
- Having submergible depth D=800mm.
- Minimum distance between two valve's body's seat ring:
 - A) With flat holding plates -46mm.
 - B) With rotating grinding heads disc- 48mm.
 - C) Weight of Assembly - 17 kg approx.
- Pneumatically operated air motor:
 - Air flow 15cfm 0.8 HP Free speed of air motor - 150 - 240RPM.
 - OR
- Electrically operated motor 230V/50Hz -60Hz, continuous rotation.
 - Speed - 250- 600 RPM

Optional Accessories :

- C-Clamps
- Level bottle
- Lapping Paste extra coarse -400g
- Lapping Paste Fine-400g
- Hand Crank

Basic Machine Consist of:

Grinding system:

Flat grinding plates for working range DN 150 -180 made up of solid aluminum.

PLATE SIZE	VALVE SEAT RING OUTER DIA (OD) SIZE	VALVE SEAT RING OPENING (ID) SIZE	QTY	SUITABLE FOR PRESSURE CLASS #
145MM	145MM DIA	125MM DIA	1 Nos.	150# CLASS AND ABOVE
165MM	1665MM DIA	150MM DIA	1 Nos.	150# CLASS AND ABOVE
180MM	180MM DIA	150MM DIA	1 Nos.	150# CLASS AND ABOVE

Variable planetary grinding disks (made up of solid aluminum plates) for working range dn 180-350, radial adjustable to the required seat diameter.

OD OF PLATE	WORKING RANGE	GRINDING DIA PCD OF ROTATING HEAD	MINIMUM OUTER DIA OF PLANET PLATES WITH ROTATING HEAD 50MM	MAXIMUM OUTER DIA OF PLANET PLATES WITH ROTATING HEAD 50MM
180MM OD	285-355	230	280	325
230MM OD	335-460	280	330	430

Rotating grinding heads:

Size	Quantity	Arms Length	Quantity
35MM DIA	05 Nos.	55 MM	05 Nos.
50 MM DIA	05 Nos.	85 MM	05 Nos.

Self Adhesive Abrasive Papers:

SIZE	80 GRIT	120 GRIT	220 GRIT	400 GRIT	TOTAL
35MM	50	50	50	50	200PCS
50MM	50	50	50	50	200PCS

*All Accessories are packed in a sturdy metallic transport case

Note: We reserve all rights to modify specification in accordance with the improved designs. Although every effort will be made to maintain the accuracy, in the figures must be taken as approximate and in no way binding.



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