



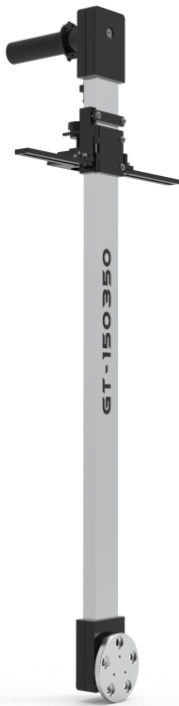
ABHIJAT EQUIPMENTS PVT. LTD

19/4, MOLACHA ODHA, SATARA-415002

PH-02162-250196, 250596

Email ID: aepm@sancharnet.in / sales@abhijatequipments.com

PRODUCT SPECIFICATIONS



PRODUCT NAME- FULL BORE GATE AND PARALLEL SLIDE VALVE GRINDING AND LAPPING MACHINE.

MODEL – GT-150350

PRODUCT RANGE- 150MM TO 350MM (DN 5"-14")

PRODUCT CODE- 2109000.



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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.

PRODUCT HIGHLIGHTS:

- Modern construction, handy, light and robust.
- User friendly.
- One man operation.
- Suitable for onsite service as well as for overhaul in the workshop.
- Attractive design.

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



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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

Please note that the lapping machine works smoothly and perfectly if the rotating grinding heads centre in a little smaller (5mm) than the inner diameter of valve seat ring.

Rotating grinding heads:

Size	Quantity
35MM DIA	05 Nos.
50 MM DIA	05 Nos.



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Arms Length	Quantity
55 MM	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	200 PCS
50MM	50	50	50	50	200 PCS

***Extra Accessories if any will be charged Extra.**