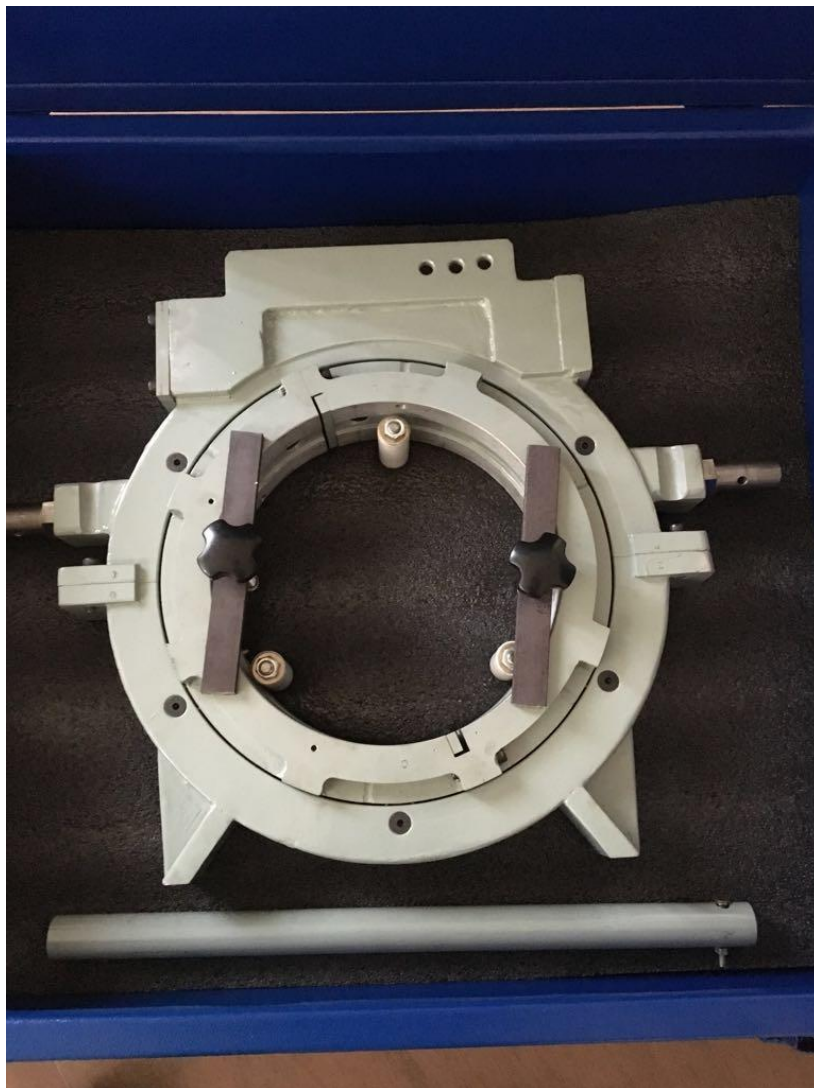


REVOLUTIONARY ONSITE CRANKSHAFT GRINDING MACHINE



MAJOR HIGHLIGHTS

- I) The onsite Crankshaft grinding Machine is of latest technology and is user friendly.
- II) The in situ Crankshaft Grinding Machine is capable to grind the Crankshaft on site within close dimensional tolerance.
- III) The onsite Crankshaft grinding machine is portable and light in weight can be easily carried by technicians to the site to undertake the Crankshaft Repair.
- IV) Onsite Grinding and Polishing of Crankshaft is done by a single Crankshaft Grinding Machine which is easy to operate.
- V) We can supply the Insitu Crankshaft Grinding Machine range starting from 60 mm. to 700 mm. in terms of diameter.

SAVE COST OF REPAIR BY SMALL INVESTMENT

- I) Portable, light weight crankshaft grinding machine can be taken to the site.**
- II) Save cost and downtime as dismantling of crankshaft is not required.**
- III) Machine easy to operate, onsite training is provided.**
- IV) Latest technology, new invention, low cost. Reduce cost of maintenance.**
- V) More than 65 equipments supplied worldwide.**

Tool & Accessories:

I) Fixture Rings are supplied with the machine which can be made according to the diameter of the CR Pin/ Main Journal which you want to grind.

II) Complete Tool Set for opening and operation of the Machine is provided.

III) Pneumatic Motor (Turbine) of Following specification is supplied and specification varies depending on the size of equipment.:

- a) Spindle 7/8" Keyed
- b) Load Speed 1000 RPM
- c) Air Consumption 95.3 SCFM
- d) Gear Reduction Single

IV) Complete lot of consumables for grinding and polishing can also be supplied.

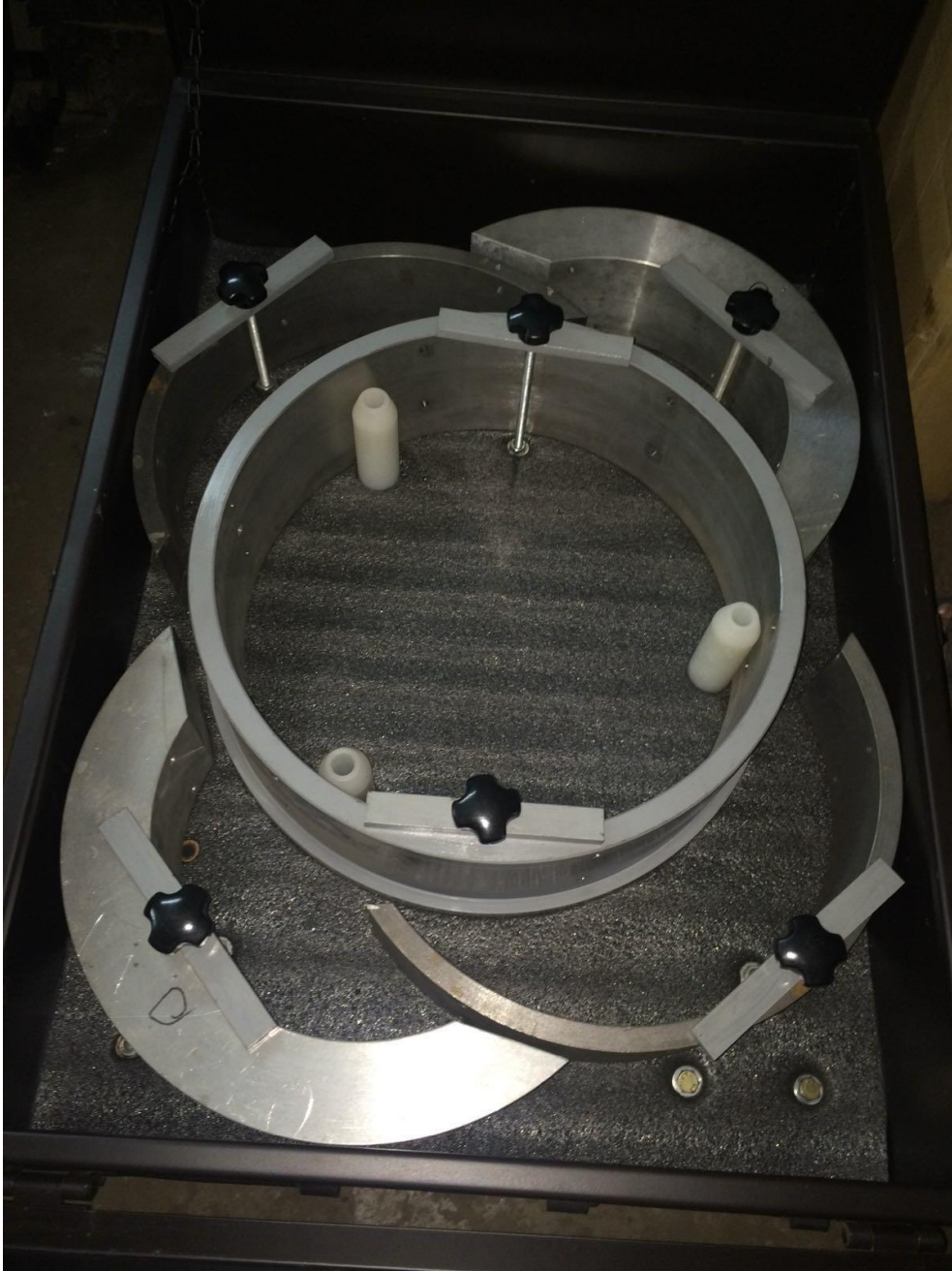
Onsite Crankshaft Grinding Machine of Bigger Diameter



In situ Crankshaft Grinding Machine has been developed through extensive research and development.

We have designed and developed onsite crankshaft grinding machine for grinding of Crankshaft onsite and have successfully carried out the grinding operation of Crankshaft on site in numerous locations without dismantling the crankshaft from the engine.

Bushes Used in Crankshaft Grinding Machine



Crankshaft Repair & Crankshaft Grinding by Crankshaft Grinding Machine

Crankshaft Repair does not require crankshaft to be removed from entablature. In recent past due to seizure of bearing or development of taper, ovality, loss of alignment of crankshaft it was necessary to remove the crankshaft from the engine block and send it to the designated workshop for crankshaft grinding and crankshaft repair.

The introduction of a light weight, vibration free crankshaft grinding equipment facilitates grinding of crankshaft, crank pin and crank main journal on the spot while the crankshaft is assembled in the engine block. There is no necessity of even decoupling of alternator and other accessories from the diesel engine.

TRAINING

We offer training to customer's technicians in their workshop. The technicians should have basic knowledge and experience of handling common instruments like micrometer, bore gauge, vernier caliper. Following areas are covered during the training of working on crankshaft grinding machine.

I) Opening, assembly of the machine on the crankpin is shown on a dummy or actual crankshaft.

II) Operation like grinding, polishing, giving the feed are taught.

III) Inspection of crankshaft in different stage of repair of polishing and grinding is shown to the technician.

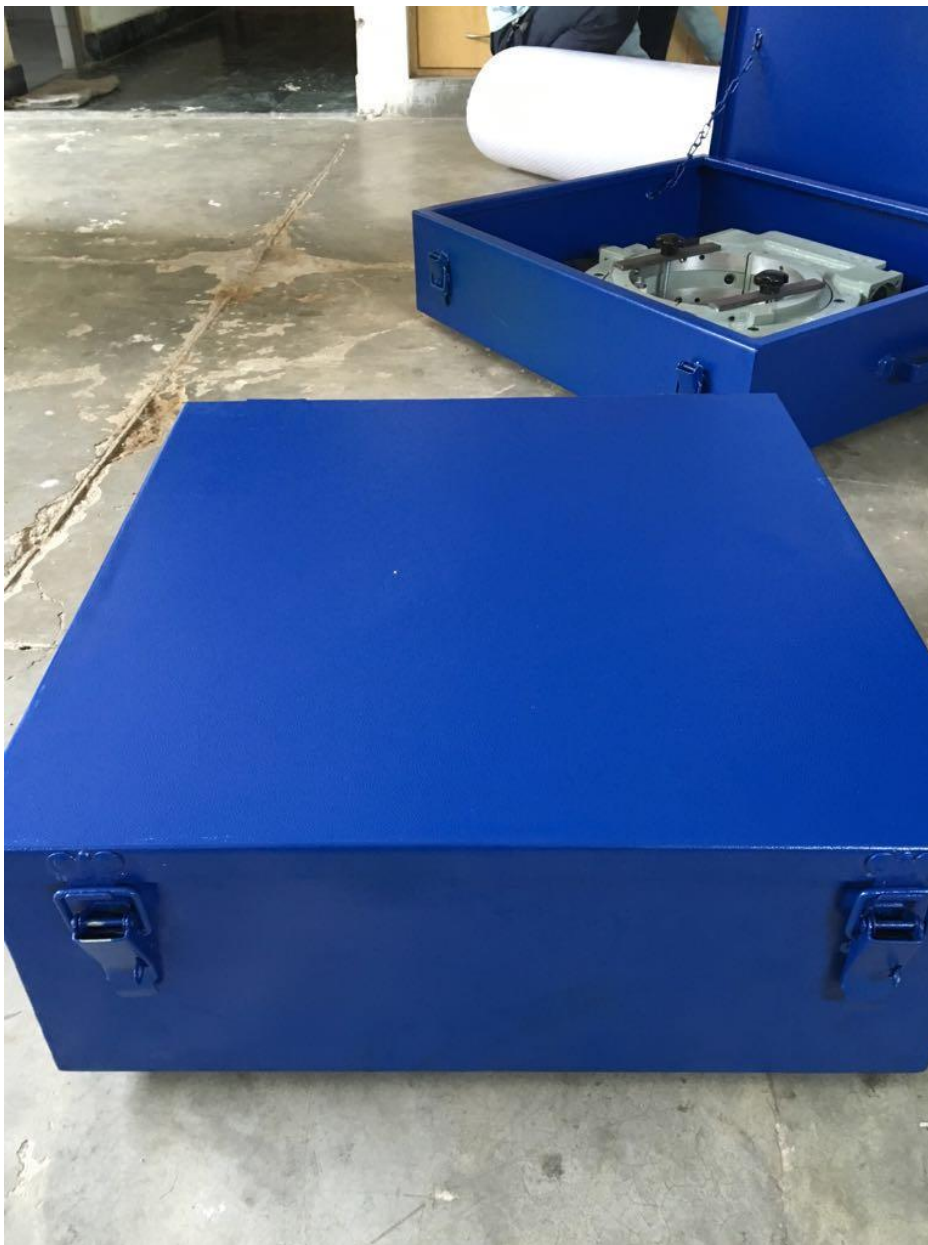
IV) Upkeep, cleaning and maintenance of the crankshaft grinding machine is explained.

The suggested duration of training is 1 week.

Upper Casing of Crankshaft Grinding and Polishing Machine



Crankshaft Grinding Machine Packed in Steel Box Ready for Dispatch



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