

RADIAL TURBOCHARGERS

PJ Diesel Engineering has been working with radial turbochargers for 35+ years, and has proved to be a reliable service partner. All turbocharger repairs are performed by certified technicians.

FOR RADIAL TURBOCHARGERS, PJ DIESEL OFFERS:

- Full reconditioning and repair workshop facilities
- The latest Schenck balancing machine
- Market leading Service Exchange System for all types & makes
- More than 230 units in stock
- 24 hours delivery availability (for in-stock units)
- Global transport hubs for easy return
- Full 12-month warranty on stock exchange units (SEU's)
- EIAPP / IMO Validation & Compliance
- Authorised by Mitsubishi MET and Kompressoren Bau Bannewitz (KBB)



RECONDITIONING AND REPAIR

Often, the cost of replacing damaged and worn components can be prohibitive. But by choosing repair over replacement the customer can save up to 70% of the new component price.

When the turbocharger is received at the workshop, it is dismantled and cleaned ultrasonic cleaned. The turbocharger is inspected for damages, and further inspected with ultra violet light to detect possible fractures. If the turbine or compressor wheel have damaged blades, they are welded and machined back to their specified shape. If required,

the nozzle ring is repaired in a similar manner. PJ Diesel also conducts shaft repairs using metal spray. After repair, the full rotor assembly is then balanced, before the whole turbocharger is assembled with new bearings.

BALANCING

When working with rotating components, balancing is very important. If the rotating parts are not balanced correctly, this can cause breakdowns which harm personnel. It can also cause less severe damaged, leading to scrapping. Therefore, correct balancing also insures a longer component lifetime.

At PJ Diesel the rotating components are balanced individually, and corrected for static and couple unbalance. After the rotor is assembled, the entire assembly is checked for dynamic unbalance.

Our new state-of-the-art Schenck Pasio balancing machine is capable of balancing rotors in two planes, with a diameter up to 600 mm.

All balancing equipment is in accordance with ISO, API and MIL standards and yearly certified by Schenck.



HEADQUARTERS:

14 Skudehavnsvej
DK-2150 Nordhavn, Denmark
Phone: +45 39 29 15 53
pjdiesel@pjdiesel.dk
www.pjdiesel.dk

