

Insitu Line Boring

Line Boring is a special type of In-situ boring operation for machining two or more bores in a straight line. The Line boring operation is carried out on site with our specially designed In-situ Line-boring machine that is capable of achieving high degree of accuracy and surface finish.

- In-situ Line Boring with well trained and highly experienced Engineers & Technicians.
- Specially designed Hydro-Drive Line Boring machine with accuracies to the tune of around 0.02mm even for large bores.
- Bores of any size and any length can be bored in line.
- Angle Boring to a specified angle with respect to the reference axis
- Specialized fixtures and tools designed to suit different applications.
- Optical and Laser alignment of the bores depending on the requirement.
- Auto-Aligning fine feed unit for optimum finish.
- Surface finish can be tested with digital surface roughness gauge.
- All dimensions are maintained as per OEM specification.

General Areas of Application

- Diesel Engines
 - a. Main Bearing Housings
 - b. Cam Shaft Housing
 - c. Liner Landing area bores
- Compressor Bearing bores,
- Propeller Shaft Journal housing
- Gas Turbines & Steam Turbines
- Rotating shaft lines that require bearing bore alignment or restoration

