

On-Site Machining Services



Hydratight executes on-site repairs, improvements and modifications within oil & gas, nuclear, wind, mining, offshore and industrial markets. Highly qualified field service engineers along with a wide range of mobile machinery ensure quality without compromise.

Portable machining is ideal for turning, drilling, milling, and grinding of plant components. Hydratight offers all the facilities of a fully equipped machine shop right where it is needed – on-site, significantly reducing downtime and costs associated with dismantling and transportation.

Pipe Cutting and Beveling

Hydratight can perform machining across a wide application range due to its best in class offering of portable pipe cutting inventory. With an industry leading max cutting capacity of 177" (4495.8 mm) OD, Hydratight has the equipment for your diverse range of applications.

Line Boring

Innovative solutions for on-site machining within power generation, ship building and mining industries. Applications include steam and gas turbine cases, wicket gates, upper and lower seal rings, pumps, rudder and rudder posts, stern tubes, excavator booms and buckets as well as loader articulating joints.

Milling and Drilling

Because you have high tolerance assets that require refurbishment, Hydratight inventories a full array of 2-axis and 3-axis milling machines along with full CNC controlled portable bolt extraction and thread refurbishment machines for removal of snapped or seized studs. Additional applications include resurfacing of pitted or misaligned surfaces, shaft keyways, facing and grooving of flanges and heat exchangers as well as pump, motor and machine bedplates.

Flange and Joint Facing

Hydratight provides on-site repair or refurbishment of this critical asset due to erosion resulting from gasket leaks or damage resulting from handling or installation. We maintain equipment to work with a multitude of different surface dimensions and flange profiles.

Grinding and Turning

Hydratight maintains portable machining solutions for the refurbishment of journals, tires, trunnions and other large rollers.

Because your needs extend past standard machining applications, Hydratight stocks a wide range of specialty machines and bolt-on accessories which expand the operational capabilities of a typical machine configuration. Coupled with an experienced engineering staff, Hydratight has the on-site service solution for your most demanding applications.

