

At A Glance

Onsite Machining & Controlled Bolting



State-of-the-art equipment, innovative engineering solutions and technical expertise

ON SITE MACHINING AND FLANGE MANAGEMENT SOLUTIONS

ICR's machining and bolting division has a vast amount of experience in the provision of support in a wide range of industrial sectors. Backed up by our own in-house engineering team, we can offer standard or bespoke engineered solutions. Capable of delivering on-site solutions, we aim to get it right first time - often in very challenging working environments.

Our large team of skilled technicians can mobilise to onshore and offshore operations, both UK and Overseas, including sites which require an enhanced level of security clearance.

Our integrated approach, providing engineering, machinery and tooling with multi-skilled technicians training, makes ICR the machining specialists with extensive experience dealing with some of the most challenging projects in the industry.

SITE MACHINING CAPABILITIES

- Pipe cutting and weld prepping to over 100" diameter
- Weld excavations on piping systems
- Flange facing, internal and external mount machines up to 5m outside diameter
- Drilling and trepanning
- Line boring- from 1"- 118" diameter.
- Milling equipment, variety of portable milling rails and equipment on three axis travel standard to bespoke applications undertaken

FLANGE MANAGEMENT SUPPORT

- Technician and supervisor support for planned and unplanned events
- Manual bolting equipment
- Hydraulic torqueing equipment
- Hydraulic tensioning equipment
- Flange spreading equipment

COMMON AREAS WE WORK IN

- Offshore installations
- Oil refineries
- Petrochemical plants
- Ship and submarine build and repair
- Nuclear power generation
- Fossil fuel power stations
- Gas fired power stations

COMMON SCOPES WE COMPLETE

- Extensive range of tight tolerance gas turbine modifications
- Complete range of tight tolerance machining applications on nuclear submarines
- Cutting and weld prepping of heavy wall piping (80mm wall) on power stations including insert making
- Drilling out of damaged studs in valve bodies and re-tapping of holes
- Milling of motor pump beds
- Line boring of gear boxes, pad eyes and link plates on cranes
- Slot machining and key way cutting
- Journal turning
- Large diameter pin drilling (commonly on crane boom foot pins)
- Large diameter crane pedestal machining (up to 5m OD)
- Bespoke one off machining scopes
- Multi-technician outage bolting and machining events

