

Design & Machine Workshop

→ In-House Design

Thistle Group's designs are produced using Autocad and Solidworks 3D modelling packages. Our extensive library enables us to have complete sets of design drawings for standard and custom made winching lifting equipment and hydraulic circuits to a minimum of BS308 controlled by BS EN ISO 9001:2000.

We have assembled a team of highly skilled machine operators to give a fast response and cost effective service for all your machining requirements:

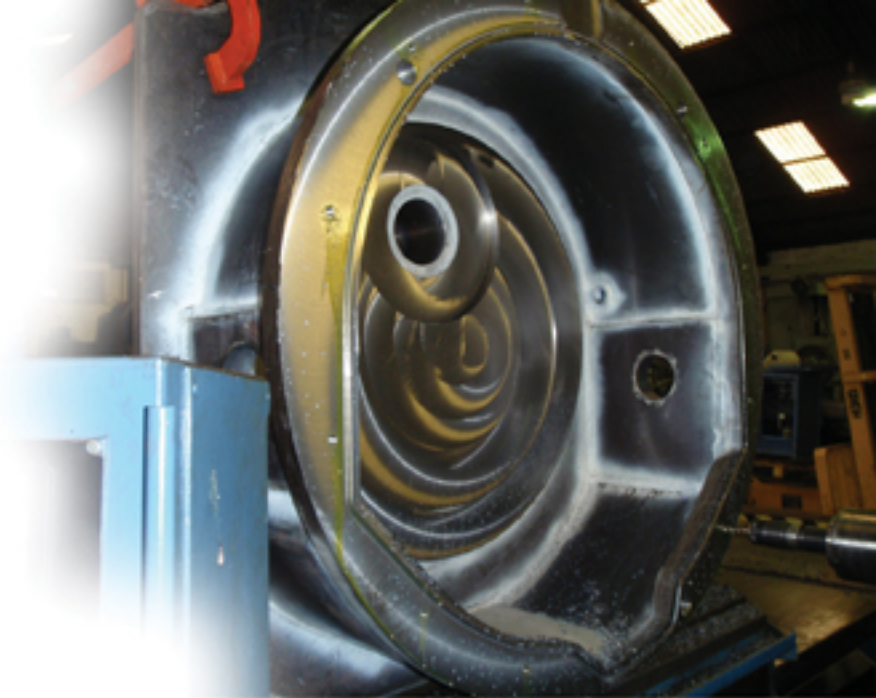
→ Machine Workshop : Lathes

- OCNC Alpha 550: 3m bed.
- Harrison 550: 3m bed.
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- Tarnow 50T: 3m bed.
- Tarnow TUR 630A: 600mm swing, 3m bed.
- Binns & Berry: 750mm swing, 3m bed.

Horizontal Borers

- Kearns & Richards: model no SF100, 1.2m x 1.2m table, 100mm spindle, travel - x 1.4m, y 1.4m, z 1.4m c/w DRO.
- TOZ WHN 13: 1.8m x 1.8m table, 130mm spindle, travel - x 2m, y 2m, z 2m c/w DRO.
- Union Borer model BFT130-7 table type borer 1.8m x 2.0m table, 130mm 50 ISO 900mm travel spindle X 2785mm y 2520mm z 2345mm c/w CNC Heidinaine control.
- Oerlikon Sirius HM3 Horizontal 4 Axis Machining Centre 1200mm y 800mm z 800mm, 800mm table 40-4000 rpm taper BT150 spindle. c/w integrated 4th axis CNC rotary table.

Union Borer →
Full CNC Heidinaine control.
Machine Shop machining.



→ Subsea Gearbox: fabrication and machining.

Vertical Turning Lathe

- Webster & Bennett: 72" chuck c/w DRO.
- Webster & Bennett: 36" chuck c/w DRO.

Milling Machines

- Gate: 1.0m travel.
- Gate: 1.5m travel.

Pillar Drills

- Richmond: 10ft and Richmond: 6ft.

Other Machines

- 2 x Slotters.
- 2 x Rigid Threading Machines.
- Profile Burner.
- Hydraulic Press.



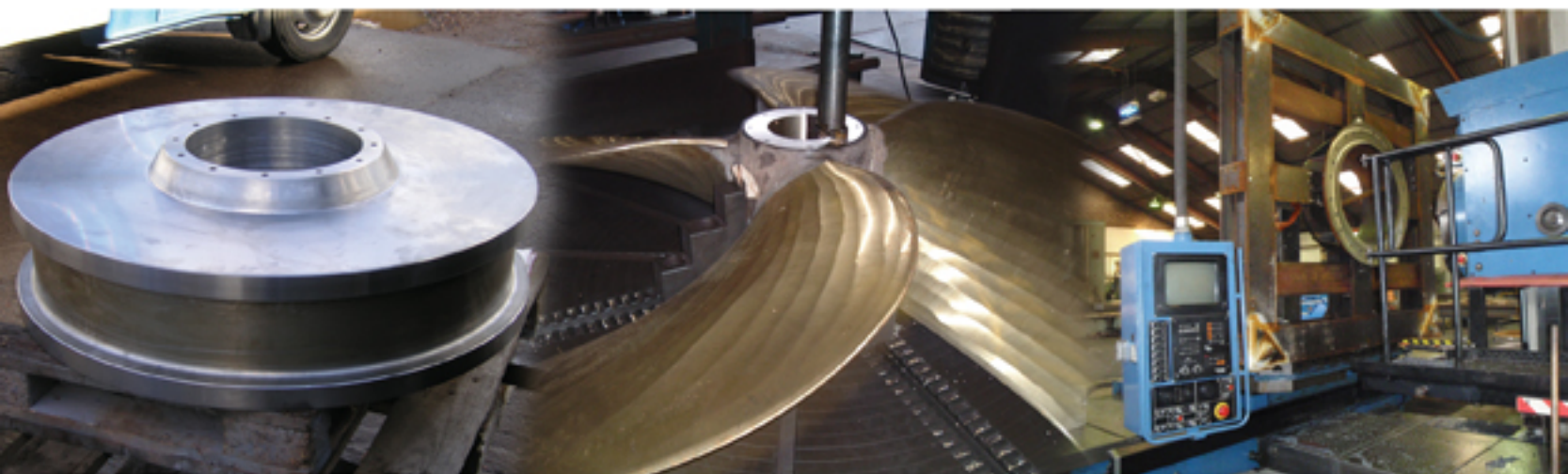
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✎ Winch Drum Flanges, overhaul, fabrication, repair etc.



✎ Winch Core.

✎ Machining supply boat rudder on TOZ.



✎ Steel Wheel for Drill Deck. ✎ Taper turning on Webster & Bennett Lathe. ✎ Crane base being machined on Union Borer.
✎ Union Borer, Machining of large crane pedestal.

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