

Machining capacities



Turning

| Manufacturer | Max Dia | Between Centres | Machine Details |
|---|---------|-----------------|---|
| VDF | 1500 mm | 13 m | Twin saddles, metric and imperial screw cutting |
| Binns & Berry Data 90 | 1160 mm | 9 m | Fagor CNC control |
| Ajax SU630 | 630 mm | 5 m | 2-axis digital read out fitted |
| Ajax Premier 310 CNC Lathe | 300 mm | 2.25 m | Manual semi-programmable and CNC facility |
| Mostana 1M | 635 mm | 3 m | 2-axis digital read out fitted |
| Harrison M 500 | 610 mm | 2 m | 2-axis digital read out fitted |
| Colchester Triumph | 200 mm | 1.2 m | Taper turning attachment 2-axis digital readout fitted |
| BSA | 380 mm | 2 m | 2-axis digital read out fitted |
| Foremost | 380 mm | 2 m | 2-axis digital read out fitted |
| Viturn S50 Slant Bed Hollow Spindle lathe | 1275 mm | 3 m | 610 mm (24") hollow spindle 25m max workpiece. Fanuc Oi-TB control front and rear chucks |

Honing

| Manufacturer | Dia | Length | Machine Details |
|--------------|-------------|---------|------------------------------------|
| Delapena | 160-1600 mm | 32.00 m | With counter rotation of component |
| Delapena | 180-525 mm | 10.00 m | Horizontal |
| Sunnen CNC | 38-160 mm | 6.00 m | Horizontal with automatic sizing |
| Barnes Drill | 100-457 mm | 9.15 m | Horizontal |
| Fulmer | 63-152 mm | 1.22 m | Vertical |
| Fulmer | 100-305 mm | 1.52 m | Vertical |
| Chapone | 38-100 mm | 765 mm | Vertical |

Deep Hole Boring

| Manufacturer | Type | Capacity |
|--------------|-----------------|--|
| Gehring | Deep Hole Borer | Holding capacity: 1232 mm dia x 11 m between centres Boring capacity up to 1168 mm id. By Ejector, BTA and Trepanning |



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Machining capacities



Horizontal Boring

| Manufacturer | Spindle Dia | Table Size | Facing Dia | Traverse | | |
|------------------------|-------------|----------------|------------|----------|--------------|---------|
| | | | | Vertical | Longitudinal | Cross |
| Union BFT 100/4 | 100 mm | 1250 x 1450 mm | 1250 mm | 1525 mm | 18250 mm | 1525 mm |
| Digital readout fitted | | | | | | |

Milling and Drilling

| Manufacturer | Type | Table Size | Traverse | | Details |
|---|-----------|---------------|---|----------|-----------------------------|
| | | | Cross | Vertical | |
| Ajax AJT 3 | Turret | 1500 x 250 mm | 1400 x 220 mm | 500 mm | Digital readout |
| Parkson M1200 | Universal | 1000 x 300 mm | 800 x 240 mm | 450 mm | Digital readout |
| Ajax NO 2 | Vertical | 1400 x 280 mm | 1400 x 230 mm | 330 mm | Swivel head digital readout |
| Asquith | Drill | 1067 mm | Asquith radial arm drill with box table | | |
| Dividing head and rotary tables available | | | | | |

Slotting

| Manufacturer | Size | | | Details |
|--------------|---------------|---------------|------------|-----------------------|
| Ormerod | 305 mm stroke | 450 mm throat | 600 mm dia | Compound rotary table |

Welding

| | | | |
|----------------------------------|-------------|-------------|-------------|
| 450 Amp MIG | 380 Amp MIG | 180 Amp Arc | 180 Amp TIG |
| Coded Welders to EN 287, ASME IX | | | |

Hydraulic Testing

| | |
|-------------------------------|---------|
| Pressure testing of cylinders | 800 BAR |
|-------------------------------|---------|

Hydrostatic Testing

| | |
|---|----------|
| Pressure testing of cylinders Offshore Industry | 1000 BAR |
|---|----------|

Cranes

| | | |
|--------------------|--------------------|--------------------|
| 1 x 50 Tonnes OHTC | 1 x 40 Tonnes OHTC | 1 x 25 Tonnes OHTC |
| 3 x 5 Tonnes OHTC | 1 x 2 Tonnes OHTC | |



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