

Cranes

- Up to 10 tons electric pendant controlled overhead lifting facility.

Centre Lathe Turning

- 1 x Geminis 1400 roll turning lathe. 6m between centres x 1.4m swing.
- 1 x XYZ 2200 x 4m between centres.
- 1 x Colchester Mastiff 1400 x 2.5m between centres.
- 1 x Colchester Mastiff 1600 x 1.5m between centres.
- 1 x Colchester Mastiff 1400 x 2m between centres.
- 3 x Colchester Mascot 1600 x 2m between centres.
- 1 x TOS SN63 x 2m between centres.
- 1 x Harrison M500 x 2m between centres.
- 1 x Harrison M500 x 1.5m between centres.
- 1 x Harrison M400 x 2m between centres.
- 1 x XYZ 2000 x 2m between centres.
- 2 x Colchester Triumph 2000 x 1.5m between centres.
- 1 x Colchester Triumph 2000 x 1m between centres.
- 1 x Colchester Triumph 2000 x 0.5m between centres

(All lathes are equipped with 2axis DRO, 3 and 4 jaw chucks, fixed roller, travelling steadies and faceplates.
Sawing and Cutting.)

Sawing and cutting

- Forte band saw with cutting capability of 360mm diameter.
- Forte band saw cutting capability of 180mm diameter
- Portable cutting off and sawing equipment

Milling Machines

- TOS FC63V Vertical Milling Machine. 50 International taper spindle. Table size 2m x 1m. Will accept work piece of 500mm height under the cutter.
- Bridgeport Universal Milling Machine ISO50 taper spindle. Table size 1.4m x .35m
- 2 x XYZ KRV3000 Turret Milling Machine. 40 International taper spindle. Table size 1.4m x .7m.
- 2 x XYZ KRV 2000 Turret Milling Machines. R8 spindle. Table size 1.7m x .8m.
- Bridgeport Turret Milling Machine. R8 spindle. Table size 1.4m x .35m

(All milling machines are fully tooled and equipped with 3axis DRO and electronic touch probe for PCD and edge finding capability. Power traverse to all table axis.)

Boring

- Kearns Richards SG 100 horizontal table type boring machine. Table size 1200 mm x 1200 mm. Long/ cross travel 1500 mm/1500 mm. Rates of feed of table 1.27- 3800mm infinitely variable. Vertical traverse of head 1200 mm. Spindle diameter 100mm / 50 ISO. Spindle speeds 2- 1120 rpm infinitely variable. Facing head diameter & speeds 750-mm/ capacity 1150 mm. 3 axis DRO.
- VEB WMW Horizontal table type boring machine. Table size 900mm x 700mm. Long/ cross travel 1100mm x 700mm. Rates of feed 1.27- 3500mm variable Vertical traverse of head 660mm. 3 axis DRO.
- Webster Bennet 48IN EV vertical boring machine. Table diameter & No of jaws 48in 4 jaws. Max. swing 58in. Max. height under rail 48in (1219mm). Table speeds (12) 8.4- 187 rpm. Feeds 12. No & travel of tool slides 1 pentagon indexing head. 2 axis DRO.

Drilling

- Asquith Radial Arm. 2m arm radius x no.5 Morse taper spindle. 2 box tables x 1m square.
- Richmond radial arm. 800mm radius x No 3 Morse taper spindle. 1 box table x 1m square
- Asquith bench drilling machines x 13mm chuck capacity.
- Elliot bench drilling machine x 13mm chuck capacity.

Slotting

- Butler 305mm stroke x 1.1m diameter vertical slotting machine
- Butler 150mm stroke x 600mm diameter vertical slotting machine

Grinding

- Cylindrical. Ribon grinding machine. 250mm diameter x 1.5m between centres. Machine has internal grinding attachment.
- 2 x Surface. Jones and Shipman 500mm x 300mm magnetic table.

Lapping equipment

- Mechanical seal lapping equipment.

Metal Spraying

- 2 x Eutectic Castolyn and Rototec cold spraying equipment.

Automated Welding

- Semi automatic internal and external Spiral 650amp MIG welding machine. Water cooled torch. Work piece up to 10m long x 2m diameter.
- Semi automatic, internal and external Spiral 400amp MIG Welding machine. Water cooled torch, Work piece up to 2m long x 2m diameter.
- Semi automatic, internal Spiral 300amp MIG welding machine. Work piece dimensions from 20mm up to 1.4m diameter x 250mm through the bore.

Plating

- Metadalic Selective Plating facilities with range of carbon anodes and specialist plating fluids. 300amp power source.

Fabrication facilities

- Hydroform Power Bending Machine. 2m wide x 3mm steel plate.
- Guillotine up to 2m wide x 6mm steel plate.
- Power rollers up to 10mm plate.
- Portable cutting off and sawing equipment.
- Welding manipulator. 1m table diameter.
- Eltec 300amp Mig welding plant.
- Oxford 400amp MMA welding plant.
- BOC 200amp TIG welding plant.
- Eltec 300amp Mig welding plant with aluminium “pull wire gun” attachment.
- Eutectic 400amp MMA welding plant.
- 110v portable MMA and TIG welding plant.
- 240v portable MMA welding plant.
- 110v plasma cutting machine
- Full range of welding consumable and steel plate always kept on stock.

Mechanical assembly

- Dedicated “clean area” for the assembly of machinery and component parts.
- SKF induction bearing heater with temperature sensing probes. Full range of hydraulic pulling and bench assembly equipment.

Site Services

- Electrical/Mechanical fitting and welding.
- Laser alignment of couplings and shafts.
- Pulley laser aligning equipment.
- Geometric laser alignment equipment for parallelism, flatness, perpendicular and concentricity measurement.

Inspection equipment

- Full range of calibrated internal and external in house measuring equipment.

Rewinds & J Windsor & Sons (Engineers) Ltd

81 Regent Road, Liverpool L5 9SY

Tel 0151 207 2074

Fax 0151 298 1442

Email enquiries@rjweng.com

Web www.rjweng.com