

MACHINE SHOP SERVICES 24/7

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At our Propulsion Services Workshop facility in Glasgow, we have a conventional manual machine shop, fully equipped for repair and breakdown work on a 24/7 basis if required.

We can offer a full range of turning, milling, vertical boring and horizontal boring services.

Our operating areas are varied to include, marine, oil and gas, hydro, and general engineering,

We are used to working with a variety of materials such as aluminium bronze, stainless steel (including duplex), and cast iron.

One of our many key strengths is reverse engineering of obsolete parts, where we can produce and machine new castings in any material against a sample.

The workshop is fitted with a 10 ton overhead crane so we are able to handle large pieces to load into the larger machines like our Long Bed Lathe and large Horizontal Borer.





MAIN PLANT LIST

HORIZONTAL BORING:

| | TRAVEL | FACING HEAD | TABLE |
|----------------------------|-----------------------------------|----------------------------|-----------------|
| Richards No.3 - | X=1350mm Y= 960mm Z= 1500mm | 820mm dia. 500mm travel | 1220mm x 1220mm |
| Kearns Richards - SF100 | X=2400mm Y=1750mm Z=2000mm | 820mm dia. 200mm travel | 1500mm x 1500mm |
| Scharmann - | X=1190mm Y=1000mm Z= 770mm | 500mm dia 150mm travel | 1200mm x 800mm |

VERTICAL BORING:

| | CHUCK DIA. | BRIDGE HEIGHT | TRAVEL |
|------------------|------------|---------------|--------|
| Webster & Bennet | 72" | 45" | 38" |
| Webster & Bennet | 36" | 23" | 22" |

TURNING:

| | SWING OVER SHEARS | DISTANCE BETWEEN CENTRES | SWING OVER SADDLE |
|----------------------|----------------------|-----------------------------|----------------------|
| Harrison M300 | 320mm | 900mm | 200mm |
| Harrison M460 | 500mm | 1500mm | 270mm |
| Stanko | 1000mm | 3000mm | 600mm |
| Dean Smith and Grace | 700mm | 2500mm | 390mm |
| Gurutzpe | 1100mm | 12000mm | 650mm |

Full Taper turning and screwcutting on all machines

MILLING:

| | TABLE SIZE | LONG TRAVEL | CROSS TRAVEL | VERTICAL TRAVEL |
|---------------------|----------------|-------------|-----------------|--------------------|
| Kearney and Trecker | 1750mm x 380mm | 700mm | 350mm | 400mm |
| Gate | 1000mm x 230mm | 600mm | 350mm | 400mm |

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