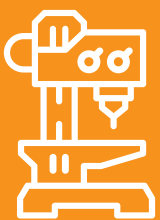


**SHEFFIELD  
FORGEMASTERS**

**Casting and Forging  
Solutions for the  
World's most  
Complex Engineering  
Challenges**



**Machining Capabilities**



# Machining Capabilities

**Our state of the art machining facilities offer rough and finish machining as well as specialist services.**

Our facilities include a vast array of milling, turning, boring and finishing machinery including the UK's largest Vertical Turning Lathe and Horizontal Floor Borer. Cast steel and forged steel components can be supplied rough or finish precision machined to high tolerances using a range of steel grades including carbon, alloy and stainless.

## Key Capabilities

- Milling up to 17,000, 5,500 x 5,500 (l x w x h)
- Boring up to 2,200 x 21,000 (d x l)
- Turning up to 8,500 x 23,000 (d x l)
- Linishing and Grinding
- Pressure testing up to 80,000 Psi
- Assembly and Production Fitting
- Epoxy Coating, Fibreglass Wrapping, Cladding and Liner Fitting
- 5 Axis machinery, largest in the UK:
  - Vertical Turning Lathe | Capacity up to 100T, 8.5M diameter, 4M height
  - Horizontal Floor Borer | Capacity up to 400T, 17M diameter, 6.5M height



**Most Advanced Machining Facilities in the UK**



**Large and Complex Component Abilities**

## Applications

**Defence | Civil Nuclear | Offshore | Steel Processing | Renewables | Power Generation | High Pressure Reactors | Steel Plant**

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