



**SHEFFIELD
FORGEMASTERS**

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



Foundry Capabilities



Foundry Capabilities

Sheffield Forgemasters produces the largest and most technically demanding castings in the World.

Our foundry is one of the most agile in the world and can produce finish machined steel components from 1 tonne up to 350 tonnes. The foundry is capable of handling liquid steel volumes of over 600 tonnes at a single time.

Key Capabilities

- Finish machined castings available up to 350 tonnes
- Maximum casting weight of 650 tonnes
- A wide range of steel grades including low alloy, stainless and precipitation hardened steel
- Complex grades such as HY80, HY100 and NQ1 all available
- Heat treatment furnaces with ancillary water quench facility
- Annual capacity of 10,000 tonnes delivered product
- Pattern and mould making
- Advanced prediction, simulation and flow software capabilities



650 Tonne Maximum Casting Weight



Pattern and Mould Making Facilities Onsite

Applications

Defence | Civil Nuclear | Offshore | Steel Processing | Renewables | Power Generation | High Pressure Reactors | Steel Plant | Ingot & Bar

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