



SHEFFIELD
FORGEMASTERS

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



Power Generation Capabilities



Power Generation Capabilities

Sheffield Forgemasters has over 30 years' experience manufacturing steel components for hydro-carbon power plants.

We have developed low alloy and specialist alloy steels, such as 3.5% NiCr MoV and 10%Cr specifically for higher in service temperatures required in super critical turbine and generator applications.

Our integrated melt shop and foundry allows us to manufacture complex and ultra-large components, up to 350T finished weight, for highly demanding applications.

Key Capabilities

- Integrated melt shop providing ultra-clean steel
- Integrated foundry capable of producing finish machined items up to 350T
- 10,000T integrated forge, capable of finish machined components up to 200T
- Some of the World's most advanced 5-axis machining
- Advanced computer-aided design, simulation, modelling, metrology and analysis techniques



Ultra-Clean Steel Production



Advanced Machining Capabilities

Applications

Turbine Components | Shafts and Shaft Components | Valves and Valve Components | Pump Components | Rotor Components

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