



SHEFFIELD
FORGEMASTERS

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



Offshore Capabilities



Offshore Capabilities

Sheffield Forgemasters has a long history of supplying complex forged and cast steel components to the offshore industry.

This has enabled us to establish ourselves as the world leader in the design and supply of structural castings and large forgings within this sector.

The manufacturing of advanced components is supported by our innovative R&D department, resolving and predicting the technical and materials selection problems of today and of the future.

Key Capabilities

- Design and supply of cast nodes up to 230 tonne finished weight
- Deck lift points in various designs allowing lifts of up to 12,000 tonnes
- Tendon porches & riser baskets for floating structures
- Large diameter cast rings for platforms and FPSOs
- Forged and cast wye pieces
- Long forged riser joints up to 18m finished length
- Subsea components
- Welding, coating, assembly
- Full project management for offshore “packages”
- Design & manufacture of nodes and insert castings for fatigue applications

Applications

Fixed Platforms (Jackets & Decks) | Floating Platforms (Production, Drilling and Heavy Lift) | Structural Components | Riser Systems | Mooring Systems | Tendon Systems | Wye Pieces | Subsea Processing Systems



Long Length Taper Stress Joint Assemblies



Structural Castings for Various Platforms

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