



**SHEFFIELD
FORGEMASTERS**

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



Forge Capabilities



Forge Capabilities

Sheffield Forgemasters can trace its first forges back to the late 1800's when Tom Vickers introduced the first heavy forging press.

The company has advanced significantly from this point and now includes two open die forging presses, 4,500 tonne and 10,000 tonne which are capable of handling ingots up to 300 tonnes.

Key Capabilities

10,000 tonne Open Die Hydraulic Forging Press

- Capable of complex forgings up to 300 tonnes
- Max Diameters:
 - Discs – Ø5080mm
 - Tubes – 3050mmOD x 1900mmID
 - Rings 5560mmOD x 4900mmID
 - Shafts Ø2100mm | Collars Ø3048mm
- Min Dia - Ø355mm
- Max Length - 19800mm

4,500 tonne Open Die Hydraulic Forging Press

- Typical weights from 6 up to 40 tonnes
- Max Diameters:
 - Rolls – Ø915mm | Bars – Ø660mm
- Min Diameter - Ø270mm
- Max Length - 12000mm

Applications

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



The Most Diverse Forging Capabilities in the UK



Finished Forgings from 1 up to 200 Tonnes

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