

Deep hole boring and turning



Large Capacity Machining Services

We have some of the largest deep hole boring, honing and turning capacity available in the UK. Our machines are particularly suited to the finish machining of tubes and manufacture of large shafts. Our skilled machinists have considerable experience in meeting the demands of our customers.

Quality

Quality and value for money are our priority. Irrespective of the application, Shepcote machining services will always meet the highest quality standards.

All our work is carried out in accordance with ISO 9001: 2008 standards and procedures. Inspection by accredited bodies and customers is actively encouraged.



Typical applications:

OFFSHORE INDUSTRY:

Machining of tools and equipment for 'down the hole' applications, wellhead components and riser joints, in all types of materials including stainless, inconel, duplex and 718

PAPER INDUSTRY:

Machining of C.C. roll shells, swimming rolls, suction rolls, suction boxes and tubes in all grades of cast iron

FOUNDRIES AND STEEL PRODUCTION:

Machining of dies, mould castings, rolls and other types of rolls and shafts

Manufacturing Capacities

Deep hole boring

Manufacturer	Type	Capacity
Gehring	Deep Hole Borer	Holding capacity: 1232 mm Dia x 11 m between centres. Boring capacity up to 1168 mm id. By Ejector, BTA and Trepanning

Turning

Manufacturer	Max Dia	Between Ctrs	Machine Details
VDF	1500 mm	13 metres	Twin saddles, metric and imperial screw cutting
Binns & Berry Data 90	1160 mm	9 metres	Fagor CNC control Turn through steadies
Viatum SS50 Slant Bed Hollow spindle lathe	610 mm	3 metres	610 mm hollow spindle. Fanuc Oi-TB CNC control



0114 256 2505

www.shepcote-eng.com

Unit B, Fabrication Building, Davy Industrial Park, Prince of Wales Road, Sheffield S9 4DZ
T: +44 (0)114 256 2505 F: +44 (0)114 261 1910 E: enquiries@shepcote-eng.com

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engineering

Honing



Large Capacity Machining Services

With capacity to hone bores from 38mm up to 1600mm our honing shop has the largest capacity available anywhere in the UK. Our skilled machinists have considerable experience in meeting the exacting demands of our customers, providing a fast, efficient and cost effective service.

Quality

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Capacities

Manufacturer	Dia	Length	Machine Details
Chaphone	38-100 mm	765 mm	Vertical
Fulmer	63-152 mm	1.22 m	Vertical
Fulmer	100-305 mm	1.52 m	Vertical
Barnes Drill	100-457 mm	9.15 m	Horizontal
Delapena	180-525 mm	10.00 m	Horizontal
Delapena	160-1600 mm	32.00 m	With counter rotation of component
Sunnen CNC	38-160 mm	6.00 m	Horizontal



Typical applications:

OFFSHORE INDUSTRY:

The honing of tools and equipment for 'down the hole' applications, wellhead components and riser joints. Offset and blind bores can be accommodated in all types of materials including stainless, inconel, duplex and 718

PAPER INDUSTRY:

Honing of C.C. roll shells and tubes in all grades of cast iron, stainless, mild steel and bronze

HYDRAULICS INDUSTRY:

Re-hones and refurbishment of worn bores for cylinder manufacturers and repairers. Mobile plant operators and earth moving equipment

FOUNDRIES AND STEEL PRODUCTION:

Honing of dies, moulds and castings. Mechanical handling equipment



MADE IN SHEFFIELD

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