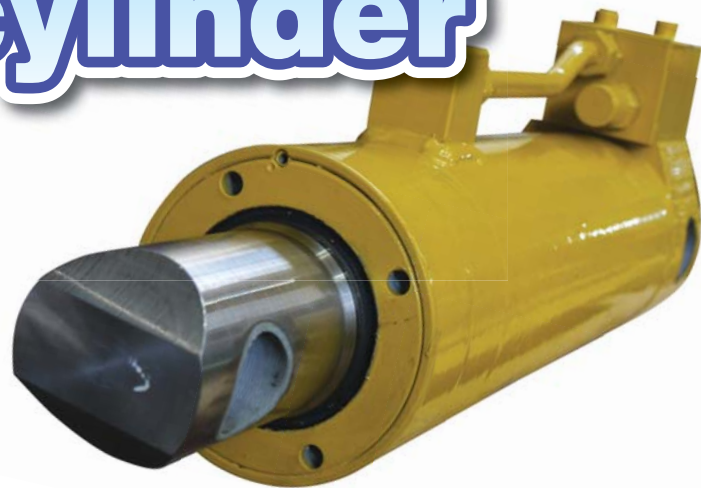


Hydraulic cylinder repairs



Typical applications:

OFFSHORE AND SHIPBOARD:

Cable handling (carousels, 'A' frames), heave compensators, cable tensioning and sub-sea ploughs, lifeboat davits, steering/stabiliser gear and telescopic rams for jack up barges, luffing cylinders for offshore cranes

DOCKSIDE:

Linkspans, passenger lift towers, lock gates and ship loading equipment

INDUSTRIAL:

Manufacturing, melting, extrusion presses, materials handling, bailing and fragging machines, waste compacting and mobile plant

CONSTRUCTION:

Bridge jacking/lifting, strand jacking, piling. Tunnelling equipment: TBMs and pipe jacking equipment

MINING:

Coal handling and coal cutting equipment, conveyors and roof supports

QUALITY:

Shepcote manufactured cylinders will always meet the highest quality standards. All our work is carried out in accordance with ISO 9001: 2008



Capabilities

We are the UK's leading repairer of standard and special purpose hydraulic and pneumatic cylinders, sliding piston accumulators and rotary distributors. Housed in 25,000 sq ft premises and with 50 tonnes lifting capacity, Shepcote Engineering's Sheffield repair facility is the largest in the UK. With over 30 years experience providing hydraulic solutions to industry we provide the best and most comprehensive repair service available. **Our aim is to minimise your downtime and save you money by providing a speedy, reliable, comprehensive and cost effective service. We offer:**

- Quick and cost effective repairs of all types of cylinders with bore sizes up to 1600mm and strokes of 20 metres, back to or exceeding manufacturer's standards.
- On-site advice on repairs and modifications to your existing cylinders.
- On-site removal, refitting and commissioning of cylinders.
- Fully equipped machine shop providing repairs to all types of plant and equipment.
- Welding and fabrication services.
- Grinding and recoating of piston rods.
- Hydraulic testing up to 800 bar.
- Hydrostatic testing up to 1,000 bar.
- Collection and delivery service.



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SHEPCOTE

engineering

Special purpose hydraulic cylinders



Manufacturing and Testing Capacities

We are the leading cylinder manufacturer in the UK. Our in house manufacturing capability is the largest in the UK dedicated to the manufacture of hydraulic cylinders. With over 25,000 sq ft of production floor and 50 tonnes lifting capacity our skilled workforce manufacture cylinders from 40mm to 1600mm bore with strokes up to 20metres.

Pressure testing up to 1,000 BAR.

Quality

Cylinders manufactured by Shepcote Engineering will always meet the highest quality standards.

All our work is completed in accordance with ISO 9001: 2008 standards and procedures. Lloyds, ABS and DNV etc frequently approve and witness the testing of our products.

Typical applications:

OFFSHORE AND SHIPBOARD:

Cable handling carousels, 'A' frames, heave compensators, cable tensioning and subsea ploughs, lifeboat davits, steering and stabilizer gear, luffing cylinders for offshore cranes and telescopic rams for jack up barges

DOCKSIDE:

Linkspans, passenger lift towers, lock gates and cranes

INDUSTRIAL:

Steel manufacturing, melting and extrusion, materials handling, waste compacting and mobile plant

CONSTRUCTION AND MINING:

Bridge jacking/lifting. Tunnelling and piling equipment



Design

With over 30 years experience providing hydraulic solutions to industries worldwide, we produce bespoke designs to meet your exact requirements. We regularly design and supply cylinders for use in the most arduous and exacting environments. **Our specialities include:**

- single acting cylinders
- double acting cylinders
- telescopic cylinders
- multi-stage synchronised cylinders
- rotary distributors
- sliding piston accumulators
- stainless steel piston rods
- special piston rod coatings
- special paint finishes
- integral load holding valves
- specially selected materials for low temperature operation

Position sensing and proximity switches can be supplied as required.

Utilising the latest Solidworks CAD systems to offer a full design service, we can also provide full calculations to satisfy the requirements of all the accrediting bodies.



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