

Engineering Expertise

A highly skilled workforce combined with modern manufacturing equipment and the highest quality standards makes Edbro a name that major OEMs can trust to deliver. That capability is ensured by our investment across all areas of the business:

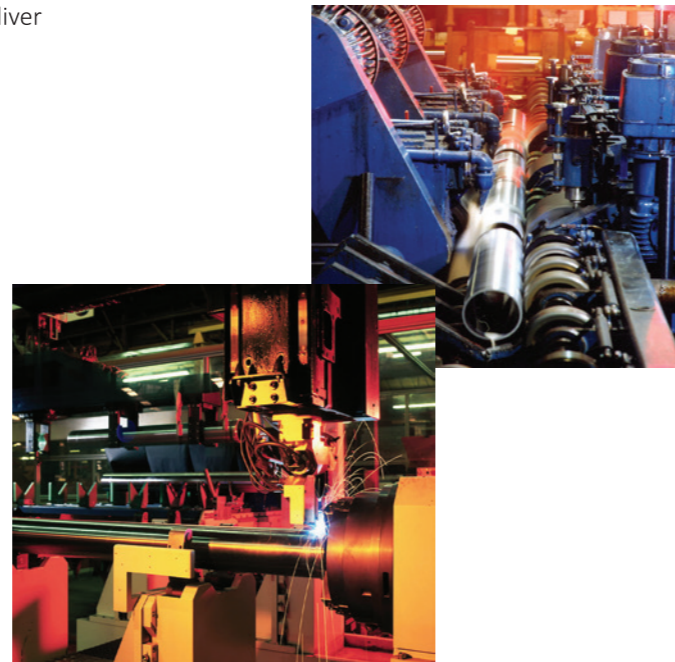
- Automated processes in laser welding
- Best practice in JIT, SMED, Lean manufacturing
- Engineering design excellence with Solidworks and FEA analysis
- Metallurgical lab with cutting, preparation, microscope and hardness testing
- Multiple CNC machining centres
- Honing and boring machines
- Hard chrome plating facility
- Paint Line with iron phosphate pre-treatment
- MIG, MAG and Sub-Arc semi-automatic welding stations

Edbro today is a leader in the area of vehicle-mounted hydraulic systems for commercial vehicles. The product range includes front end, under-body and dump cylinders, as well as extension cylinders for trailers, waste disposal equipment cylinders and customised hydraulic kits. Edbro products increase payload, reduce tipping times and deliver maintenance-free solutions.



Unrivalled Quality

Quality assured, ISO 9001-2015 Accredited and Extensive in-line quality control systems are employed throughout the manufacturing process to ensure a “fit & forget” cylinder is produced every time. Every Edbro cylinder is subjected to a final production test at 150% of maximum pressure. Approved by many of the world’s biggest brand names.



Edbro

Heavy Duty Cylinders



Heavy duty, high quality cylinders are our speciality with quality approved to the highest standards by some of the world’s biggest brands



Mobile Hydraulic Cylinders

Building on over 100 years of experience, Edbro is a trusted manufacturer of Hydraulic cylinders for a wide range of applications. Our UK manufacturing site has a vast capability in terms of manufacturing equipment and testing facilities and our in house design team are available to support you with your requirements and create a design to meet your specific needs.

Double Acting Single Stage Cylinder

Tube Length	up to 3m
Tube Diameter	500 mm
Operating Pressure	300 bar



Telescopic Hoist Cylinder

Base Tubes	50 to 500 mm bore
Operating Pressure	250 bar
Dump Trucks	40 to 400 Ton payload



Technical Specification

Edbro heavy duty cylinders include single and multi-stage telescopic, single and double acting cylinders, suspension struts and accumulators. Edbro manufactures for many heavy industries including mining, construction, waste handling, excavators, cranes, tippers, hook and skip cylinders, ejectors, steering cylinders, platform hoists, accumulators and many more special applications.

These products are designed and manufactured in the UK at Edbro using the latest manufacturing technology and the highest performance materials to ensure optimum product quality. Every cylinder is individually tested prior to despatch.

Suspension Ride Struts (Shock Absorber)

Base Tubes	150 to 400 mm bore
Operating Pressure	up to 250 bar
Dump Trucks	40 to 400 Ton payload
Gas/Fluid Filled	



Ejector Cylinder

Operating Pressure	200 bar
Suitable for 30-50 tonnes rigid or articulated truck applications	
Can be customised to suit specific customer applications	

