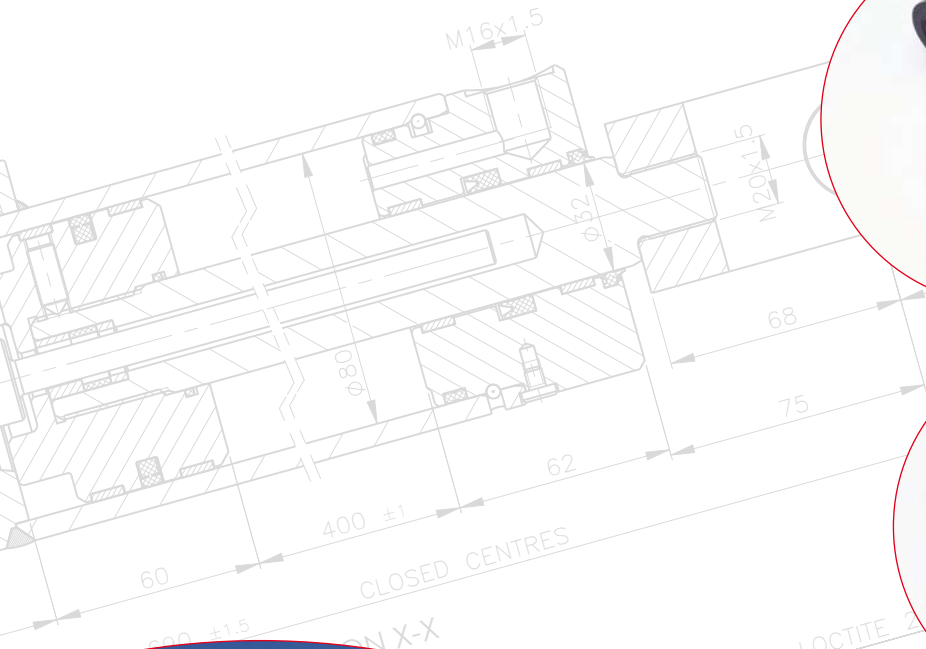


Burnside Eurocyl Ltd

Hydraulic Cylinder Manufacturer



About Us

40 years of expertise in hydraulic cylinders

With a focus on service, flexibility and value, at Burnside Eurocyl, we work hard at establishing solid business relationships with OEMs all over Europe and North America. Our clients include household names like Volvo and JCB as well as industry stalwarts Wacker Neuson, the Wirtgen Group and many, many more.

As an experienced manufacturer of hydraulic cylinders, we understand the need to maintain close contact with our clients and we'll ensure you get only the highest quality products delivered on time and within budget.

Burnside Eurocyl is a member of the Burnside Group of companies which was founded by the four Byrne brothers in 1974. The group operates four cylinder production plants in the area employing a workforce of over 500 people. Burnside Eurocyl operates from a purpose-built facility in Carlow town in the south east of Ireland. We employ in excess of 150 highly trained staff on a 20,000 m² site. With customer focused production lines in operation, we produce over 5,000 cylinders per week and deliver to European customers in two days and to North America in one week.

Service driven supplier with a global market presence

Operating on a Just-in-time basis, we export to countries right across Europe such as Germany, France, Austria, Holland, the UK & Scandinavia. We also export to the US & Canadian markets on a weekly basis. Whilst we focus on product customisation, we retain a standard range of cylinders and components in stock and welcome enquiries from all over the world.

We guarantee reliability, attention-to-detail and on-time delivery. We value the role our staff play, and continue to invest in ongoing training and development. Research and Development of hydraulic cylinders is an on-going process and we excel in this area.

With almost 40 years experience in the manufacture of hydraulic cylinders and a committed and dedicated workforce, Burnside Eurocyl is a perfect partner for your hydraulic cylinder requirements.



Facilities

First class facilities to produce market-leading cylinders

As one of Europe's leading hydraulic cylinder manufacturers, we operate from a world class facility located in Carlow, a large town in the southeast of Ireland. With nearly 40 years expertise, we understand that offering only the highest standard of products is a direct result of a well-run and managed facility.

From CNC lathes to robotic welders, our production facilities are up-to-date and sourced and designed to produce the best quality products.

Welding / ISO3834-2

To help consolidate our position as a worldwide hydraulic cylinder manufacturer Burnside Eurocyl has obtained EN ISO 3834-2 certification. This standard allows Burnside Eurocyl to guarantee the highest quality in its welding processes. Burnside Eurocyl used the services of TÜV Rheinland, a leading provider of technical services since 1872 to certify its welding capabilities.

With our commitment to testing, quality and safety, 100% of our cylinders are pressure tested.

- » Highly automated production facility
- » Robotically controlled welding stations
- » Robotic machine loading
- » Multiple semi-automatic processes
- » Customer focused cellular manufacturing system
- » Short lead times
- » 100% pressure testing
- » Phosphating and finish painting
- » JIT delivery

Quality

From ISO standards to TÜV accreditation, our focus on quality and safety at Burnside is well established. We build quality, safe hydraulic cylinders in a purpose-built environment to only the highest industry standards.

Technology and systems that focus on safety:

In other specific aspects of our quality approach, we conduct material analysis using a spectrometer and also utilise co-ordinate measuring machine (CMM) technology. At Burnside Eurocyl, we also use specialised test beds to further augment the overall quality focus.

100% pressure testing of all cylinders produced ensures only the highest quality products delivered direct to your door.

Design

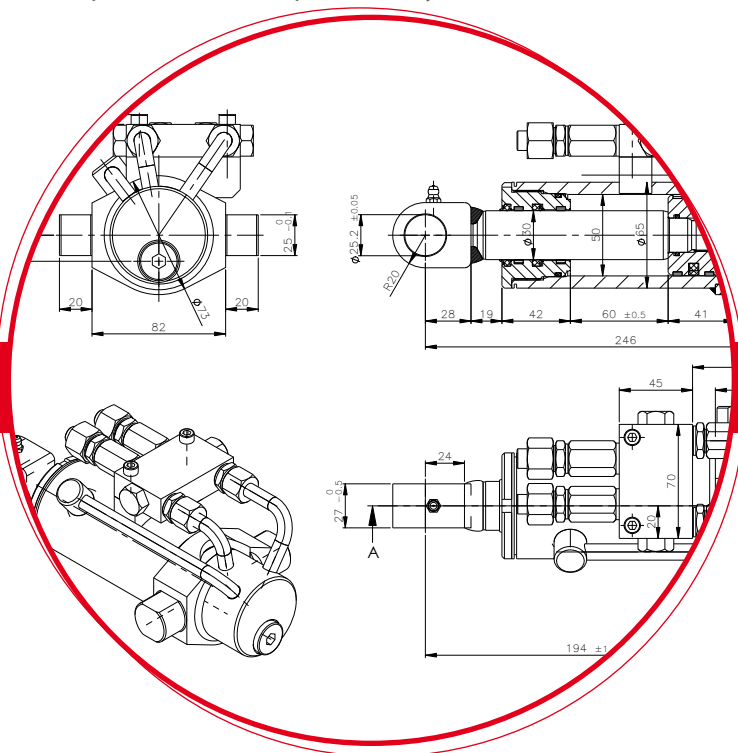
Cylinder design expertise available to you

At Burnside, we have nearly 40 years experience in the design and production of hydraulic cylinders. Using state-of-the-art 3D solid modelling software with FEA capability, we employ FMEA and DFMA techniques. We work closely with our clients through the design phase and have a dedicated customer drawing site-portal. Building a partnership with our clients is what we do best and understanding your business and how we can help you is central to our approach.

All our cylinders are designed in the most up-to-date CAD software. We offer cylinders in the size range 25mm bore up to 200mm bore and strokes of up to 5 meters. We manufacture double acting, single acting, displacement, telescopic, double ended and sensor cylinders. See our website for the full range.

Optional extras on cylinders include:

- » End of stroke cushioning
- » Load holding valves
- » Electronic sensor integration
- » Induction hardened bar & special rod plating options
- » Customised cylinder mountings
- » Phosphate and finish paint to any RAL colour



Production

Only the top standards in production from a proven supplier

As one of the biggest manufacturers of hydraulic cylinders in Europe, our manufacturing plant offers only the best in equipment and production standards.

Our purpose built facility is situated on a 20,000m² site. Dealing with some of the best known brands in engineering like JCB, VOLVO and the Wirtgen Group, our production standards offer only the best in systems and personnel. A customer focused cellular manufacturing system allows our team to focus directly on a customer's exact requirement. Continuous investment in modern CNC machinery and robotic manipulation helps keep our products competitive and reliable.

From our purpose built facility, we produce over 5,000 cylinders per week. We run multiple cellular production lines. Our staff works on an ongoing two-shift basis to ensure maximum efficiency. We use a range of specialist equipment to ensure your products are produced and tested professionally and effectively.



Research & Development

Customised Cylinder Design to suit You

As with any manufacturing specialist, research and development plays an important role in our operation. At our custom-built facility, we have a specialist R&D unit to focus on prototype development and customised cylinder designs.

We also design and construct custom made machines used specifically in the production of hydraulic cylinders.

Life-cycle testing and extensive pressure testing are just some of the techniques and processes used to ensure the viability and functioning of our extensive range of hydraulic cylinders.

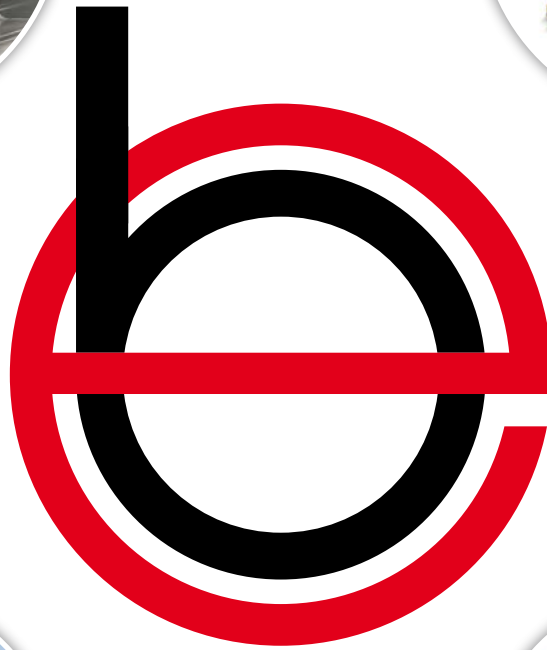
In order to produce accurate, practical prototypes, the preparation and production of jigs is also a very important aspect.



References



What Do All These Machines Have in Common?



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