

OUR PHILOSOPHY

“ Unilathe is a well respected brand name in its key industries, providing proven engineering skills with a positive attitude to embracing change, who aims to deliver customer focused, highly responsive and totally integrated manufacturing partnerships, to key industry customers in terms of their OEM and MRO engineering requirements. ”

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Servicing today's needs
whilst also planning
tomorrow's.



 SPECIALIST ENGINEERING SOLUTIONS



we make it happen

Delivering customer focused and individually tailored specialist engineering, sub-contract machining and supply chain partnerships.



▣ SERVICING TODAY'S NEEDS
WHILST ALSO PLANNING TOMORROW'S.

Unilathe over the last thirty years, has developed a 'Best of Class' reputation in supplying the globally based, environmentally sensitive and safety critical markets of aerospace, global mining, off-highway, oil & gas, pumps & valves and the rail industry, particularly those involving heavy duty mining roof support systems, all on an a dedicated customer supply basis, including their after sales service support, equipment repairs, spares, maintenance and overhaul.

- ▣ Design and Prototyping
- ▣ Forgings and Castings
- ▣ Profile and Gear Cutting
- ▣ Sub-Contract Machining
- ▣ On and Off Site Services
- ▣ Welding and Fabrications
- ▣ Sub-Assembly and Kitting
- ▣ Spares and Service


▣ MARKET SECTORS

 **AEROSPACE**
SPECIALIST ENGINEERING SOLUTIONS

 **OFF-HIGHWAY**
SPECIALIST ENGINEERING SOLUTIONS

 **GLOBAL MINING**
SPECIALIST ENGINEERING SOLUTIONS

 **OIL & GAS**
SPECIALIST ENGINEERING SOLUTIONS

 **PUMPS & VALVES**
SPECIALIST ENGINEERING SOLUTIONS

 **RAIL-PARTS**
SPECIALIST ENGINEERING SOLUTIONS



we make it happen

AEROSPACE
SPECIALIST ENGINEERING SOLUTIONS

Unilathe is a specialist producer of high tolerance and exotic metal components, where product quality, traceability and delivery on time to budget, are all set within a customer inclusive environment.

- ✦ Specialist Equipment Manufacture, Fabrications, Sub-Assembly and Finishing
- ✦ Pumps
- ✦ Valves
- ✦ Cylinders
- ✦ Hydraulics
- ✦ Components
- ✦ Testing and Certification



OIL & GAS
SPECIALIST ENGINEERING SOLUTIONS

Unilathe has extensive experience in this industry, spread across a diverse range of raw materials, fabrications, sub-contract machining and finishing of many high value metals to extremely exacting standards.

- ✦ Contract Machining of Exotic Metals, Sub-assembly, Testing and Finishing
- ✦ Specialist Engineering, Fabrications, Welding, Painting, Spares and Repairs
- ✦ Hydraulic Parts and Equipment, Manufacture and Pack Distribution
- ✦ Forgings and Castings
- ✦ Manifolds and Cylinders
- ✦ Pumps and Valves



GLOBAL MINING
SPECIALIST ENGINEERING SOLUTIONS

Unilathe delivers high specification parts and sub-assemblies to both surface and underground mining equipment manufacturers, including the latest designs in double ram hydraulic roof-prop systems.

- ✦ Forgings
- ✦ Castings
- ✦ Machining
- ✦ Fabricating
- ✦ Profiling
- ✦ Welding
- ✦ Painting
- ✦ Sub-Assembly
- ✦ Testing
- ✦ Certification
- ✦ Components
- ✦ Pumps
- ✦ Valves
- ✦ Spares
- ✦ Repairs



PUMPS & VALVES
SPECIALIST ENGINEERING SOLUTIONS

Unilathe has a well established reputation for the sub-contract machining and sub-assembly of medium to large capacity pumps and valves, with many involving a critical combination of size, intricacy and metals.

- ✦ General and Specialised Pumps
- ✦ Open, Gate, Ball and Check Valves
- ✦ Machining, Welding, Sub-Assembly and Painting
- ✦ Specialist 'LYSBOR' Check Valves



OFF-HIGHWAY
SPECIALIST ENGINEERING SOLUTIONS

Unilathe also delivers both large and small hydraulic and motive parts for a wide diversity of off-highway vehicle and equipment manufacturers, including their ongoing spares requirements, repairs and overhauls.

- ✦ Forgings
- ✦ Castings
- ✦ Machining
- ✦ Fabricating
- ✦ Profiling
- ✦ Welding
- ✦ Painting
- ✦ Sub-Assembly
- ✦ Testing and Certification



RAIL PARTS
SPECIALIST ENGINEERING SOLUTIONS

Unilathe has developed an extensive knowledge of this industry, including a comprehensive range of manufacturing equipment, skill sets and products, which today, collectively delivers an impressive and highly competitive service.

- ✦ OEM and Rolling Stock Repairers
- ✦ Castings
- ✦ Forging
- ✦ Welded Assemblies
- ✦ Repairs and Overhauls
- ✦ Kitting Packages



SHORT TERM PRODUCTION OVERLOADS

Production overloads, through increased sales or shop delays, cause unnecessary costs and impact on customer deliveries, so why not use an experienced and proven production facility.

Unilathe has for some years now, engaged in 'Production Overload' work from its customers, such that today, it has formulated a well proven approach to not only handling small and large scale overload schedules, but also those on a short notice.

All companies from time to time suffer 'Production Overloads' from within their own manufacturing facilities, often brought about through material shortages, changes in schedules and delivery dates, as well as short notice increased customer demand.

Historically, it has not been thought either practical or inexpensive, to place capacity overloads out to a third party manufacturer. However in today's more flexible, communicative and long distance control environments, placement of overloads with a proven, managerially experienced and well resourced manufacturer, will not only solve overload problems, but also do so on time and to budget.



SERVICES WE OFFER

- ▶ Macro Project Management
- ▶ Painting and Powder Coating
- ▶ Castings and Forgings
- ▶ Hydraulic Parts and Equipment
- ▶ Sub-Con CNC Machining
- ▶ Sub Assembly and Finishing
- ▶ Testing and Certification
- ▶ Gun Drilling and Grinding
- ▶ MRO Spares and Services
- ▶ Flame Cut Profiling
- ▶ Parts Kitting Service
- ▶ Fabrication & Welding
- ▶ Lysbor Valves
- ▶ Deep Hole Boring



QUALITY ACCREDITATIONS

"Through an open understanding", active imagination and proven commitment to our customer's current and future needs, Unilathe operates on the principle that 'Quality is An Operational State of Mind' and as such, its approach to quality management, standards, systems and control procedures are a basic company ethos.

"This basic ethos" not only delivers on the relevant global quality accreditations, but also those incorporated in many of our diverse and globally based customers, particularly those involving the more technically advanced and safety critical industries of aerospace, mining, off-highway, oil and gas and the rail industry.



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LONG TERM PRODUCTION PARTNERSHIPS

Manufacturing partnerships can improve efficiency levels, drive out costs and reduce energy consumption levels, whilst also releasing much needed CAPEX.

Fundamentally, a company's real success today, is all about focusing attention on its design and distribution channels, as well as its core competencies and not necessarily on the fact that it needs to continue 'Making What It Sells'.

More and more companies are moving production of what they sell, over to long term manufacturing partners, who not only can deliver the full economies of scale in today's cost sensitive markets, but also

incorporate the necessary training, skill sets enlargement and machinery capex programmes, to ensure they remain at the top of their technological game. Unilathe with its extensive micro-management, sub-contract machining, fabrications, sub-assembly and finishing facilities, coupled with a large and quickly expandable seven acre operational footprint, has today positioned itself as a proven, highly skilled, expert and very resourceful manufacturing partner to such companies.

Unilathe's proven expertise in such environmentally sensitive and safety conscious markets as aerospace, mining, oil & gas, including the rail industry, pumps & valves, off-highway plant and equipment, extends an excellent platform of resources and market understanding, with which companies can potentially explore in confidence, the feasibility, practicalities and benefits of downscaling and ultimately transferring the whole of their own production facilities in the longer term.



VISION STATEMENT

"We make it happen" through an open understanding, active imagination and proven commitment to our customer's current and future needs, which not only best expresses our company ethos, but is also a unique deliverable of the Unilathe brand, including the spirit and culture of its people.



we make it happen