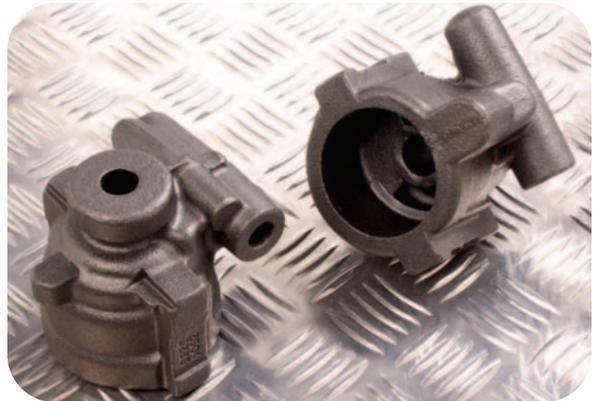




General Engineering

At Chamberlin and Hill we are very proud of our financial strength, allowing us to invest in new technology to keep us at the forefront of engineering casting for over 115 years, whilst still being able to supply a wide portfolio of markets.

We have the specialized plant and personnel to work with engineers to maximize designs to improve performance and reduce costs. The knowledge and expertise gained in the production of multi-cored, thin section castings, enable us to produce castings from the prototype design stage through to full series production and then into the aftermarket, thereby saving time and cost as the component moves through its life cycle. We have been able to combine this, whilst offering JIT and Kanban delivery to ensure seamless supply and maintaining the high expectation of quality.



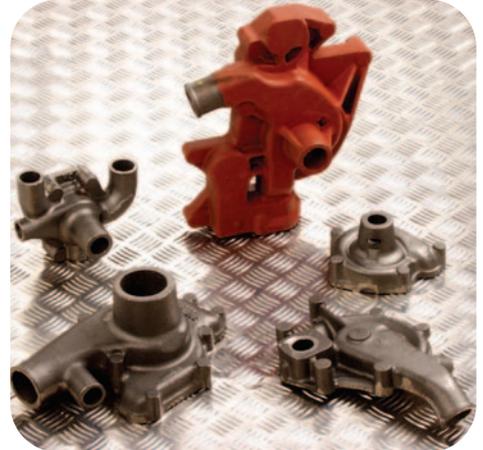
Our ability to produce castings in Grey, Ductile and Malleable Irons in a wide range of metal specifications, allows us to produce castings for agriculture wear parts to gas fittings and rain water goods whilst still supplying other markets such as hydraulic and automotive sectors .

To further support our customers we are able to supply castings machined, coated and assembled to give a complete solution.

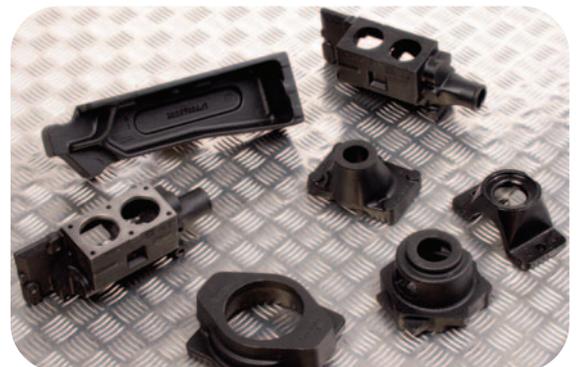


Automotive & Commercial Vehicles

At Chamberlin and Hill we have been involved in producing castings for the Automotive and Commercial Vehicle sectors for more than 30 years. The portfolio of parts we produce, in both Grey Iron and Ductile Iron includes technically demanding castings such as turbochargers and power steering pumps, also brackets, thermostat housings, manifolds and more. From our experience of producing multi-cored thin section castings, we are able to produce both water and oil containing components. With our vast experience of core technology and our significant multi-parted core box capacity (which is one of the highest in Europe), we are able to produce complex pumps, turbocharger and similar automotive castings from low volume through to high volume.

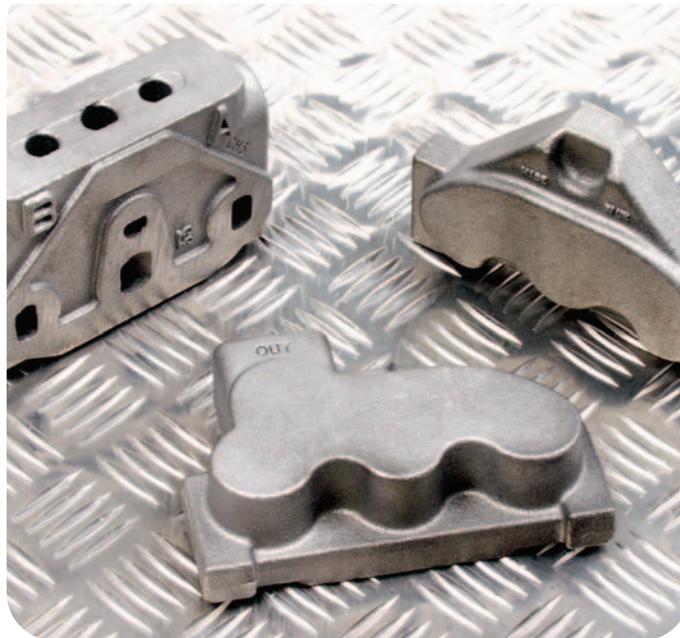


We have the specialized plant and personnel to work with engineers to maximize design, improve performance and reduce costs while still maintaining our high level of quality supplied by ISO 9000 and QS 9000 approvals. This flexibility ensures we are able to produce castings from the prototype design stage through to full series production and then into the aftermarket. Thereby saving time and cost as the component moves through its life cycle. We have been able to combine this with flexible delivery e.g. JIT and Kanban to ensure seamless supply whilst maintaining our customers expectations of quality.





Hydraulic Control Valves & Motors



At Chamberlin and Hill we have excellent financial strength and have made strategic investments in core technology. This allows the production of multi-parted core boxes, including blowing a core around a core achieving core assembly within the core box to give excellent accuracy and integrity. Due to this strategic investment, we are able to produce hydraulic castings with internal accuracy of $\pm 0.5\text{mm}$ in very high volumes - typically in excess of 150,000 pa.

The flexibility of our plant and personnel allows the excellent utilization of tooling. We are able to use the same tooling to produce Grey Iron and Ductile Iron castings, keeping tooling costs to a minimum. Using our horizontal and vertical moulding machines, we are able to produce a range of parts including covers and directional control valves for use in both static and mobile applications.

Our varied production facilities enable us to support our customers in the supply of components for hydraulic motors, as well as valves, thus ensuring a complete solution is available. Our knowledge and technology in core production is derived from a significant history of oil containing castings. This ensures the exacting cleanliness and integrity standards demanded by this sector can be achieved.

