



Driven to deliver

Heavy engine sealing solutions

Moving forward together

Whether for building, mining or transportation of goods and people, the world's reliance on heavy engines continues to grow. At the same time, so do the expectations on heavy engine manufacturers – to keep the world moving reliably, cost-effectively and with the least environmental impact possible.

Trelleborg Truck & Diesel specialize in customer-driven sealing solutions for trucks, buses, construction, agricultural and marine and other heavy duty engines. Our aim is to accelerate your business by solving technical challenges and ensuring top quality parts that prolong time

between service – and in the process, protect the integrity of your brand. Backed by decades of experience in optimising heavy engine performance, we apply our engineering innovation and know-how to develop and produce dependable sealing solutions on time and on budget.

Intuitivity. Trelleborg Truck & Diesel parts and systems make installer and user safety a priority from the design stage out. Solutions are purpose-engineered to be easy to understand and apply, and to enhance worker and customer safety at all times.

Accountability. Your promise is our promise. Trelleborg Truck & Diesel stands behind the quality of products and production, supports on-time access with a tailored logistics programme and provides local, experienced sales and support worldwide.

Predictability. Lead times are short and demands are high. Trelleborg Truck and Diesel prides itself on meeting tight schedules, finding and living up to cost efficiencies, and repeatable production and part performance.

Reliability. Trelleborg Truck & Diesel is a dependable partner from the initial design phase, to custom tooling, seal production, delivery and after-service. We use only top quality materials, and invest continuously in the advance of material properties.

Count on Trelleborg

When you need to deliver, you shouldn't have to second-guess whether your supplier has a matching commitment to quality and performance.

Failure is not an option

At the end of the day, your engine will be judged on its performance. The parameters may vary, but part failure, under-performance or breakdowns that lead to downtime and added costs have a big impact on your customer's business – and your own. At Trelleborg Truck & Diesel, there are no shortcuts to quality.

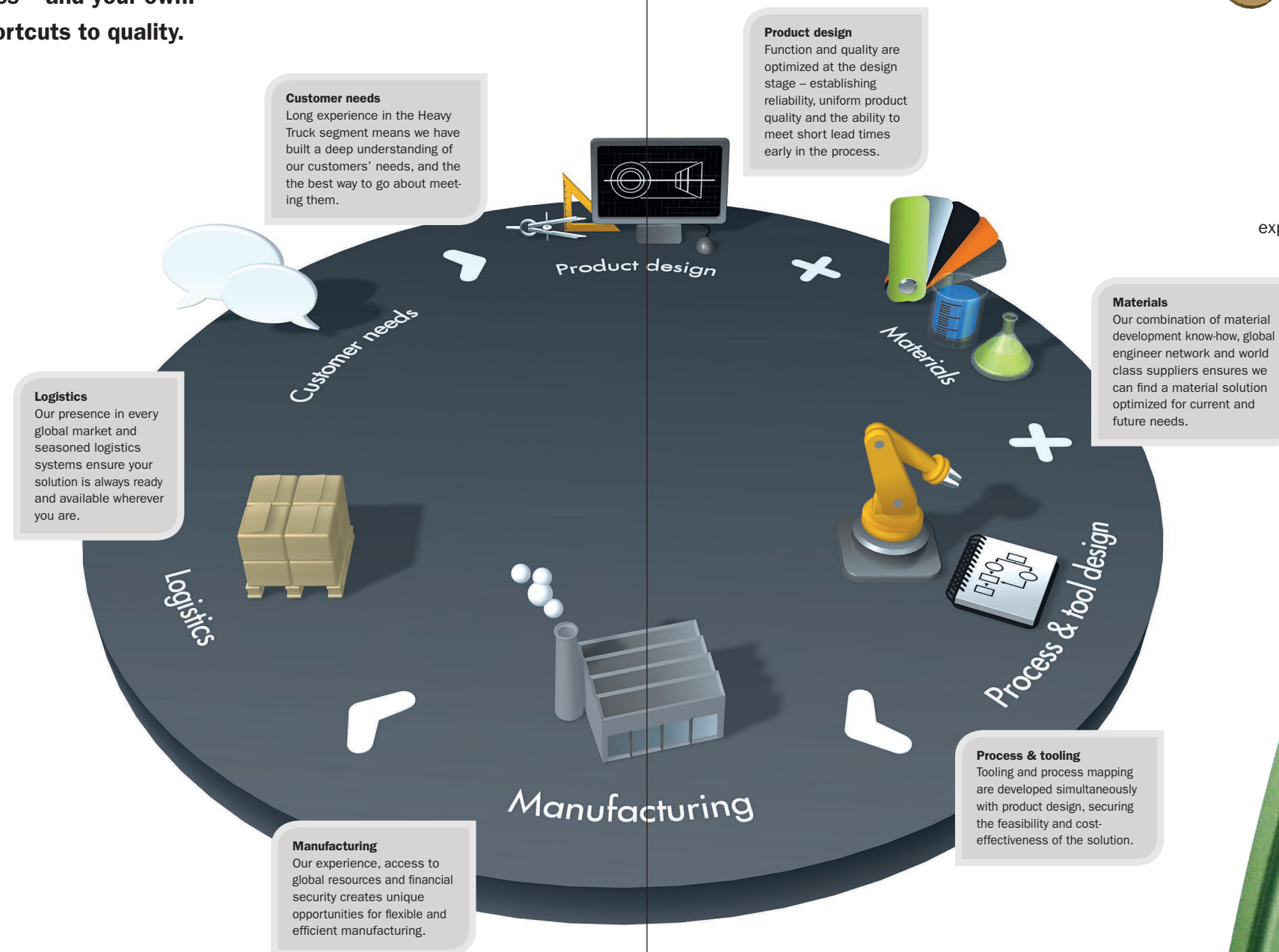
Design that leaves nothing to chance

Trelleborg Truck and Diesel works with you to define the solution that makes best sense for your application. You have direct access to our engineering team, and full control and overview of the development process. This ensures the parts, tooling, production and delivery planning can be adapted to your exact needs – and that there will be no surprises when you can least afford them. It also provides a great opportunity for innovation or advance in full confidence, knowing that our team is your team, with the same commitment and expertise to realise the potential of a new idea.

Material development, selection, testing and production

Trelleborg Truck & Diesel maintains an ongoing firm commitment to research and development. We continually explore possibilities for new compounds and solutions that can improve our customers' manufacturing or achieve higher performance for their products.

We have adopted uncompromising standards for material performance, and take extraordinary lengths to ensure their compatibility and performance in customer-unique applications. Select compounds and combinations are used in O-rings and static seals for applications throughout the powertrain. Whatever the solution, it undergoes rigorous assessment for performance, production consistency and application compatibility.



Innovative examples include D-Seal cylinder liner seals, where a unique geometry and advanced material properties improve time to service compared to conventional solutions. Or bonded seals that maintain their seal regardless of thermal expansion and contraction of metals.

Performance you can plan on

We understand that in your business, timing is at least as important as everything else. Trelleborg Truck & Diesel develops solutions based on our ability to ensure their consistent on-time availability – an effort applied equally to part design, tooling requirements, logistics and proactive ongoing service and support.

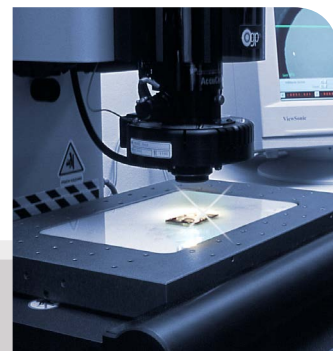
The same applies to cost management. We understand that providing a cost-effective solution for your customers requires an appreciation of its importance from your suppliers. That's why we continually and proactively look for ways to improve development, production and delivery efficiencies, and always include securing cost predictability as an integral part of the solution development process.

Our team is your team

Trelleborg Truck & Diesel is a truly global partner, with operations in Asia, Europe and the Americas. Our people are experts in truck and heavy engine industries, and understand

the complexities of development, manufacture and logistics in local markets. It is our commitment to ensure we are ready to support your activities wherever they may be – when you're ready to go, so are we.

We pride ourselves on the design, development, production and delivery system access we can provide to our customers – our development and service teams become an extension of yours, adding value and the potential for innovation at every stage of the process. We make your challenges ours. And measure our success by how well we contribute to yours.



Sealing technology

We supply high-performance seals. Our processes and use of materials evolve continually in order to adapt to harsh environments, aggressive fluids and extreme temperatures.

Manufacturing excellence

Trelleborg uses advanced mould design and highly automated production techniques. We offer a complete solution addressing every stage of production, enabling quality optimization at every stage and the potential for creating new cost-efficiencies.



Solutions we all can live with



Many Trelleborg Truck & Diesel solutions contribute positively to your own environmental profile through their performance – minimising fuel consumption, leakages and CO₂ emissions while providing a life cycle equal to or greater than the application estimate. We also offer smart sealing solutions designed specifically for use with biofuels and blends, enabling the possibility to innovate environmentally-optimised systems that meet or exceed current and potential regulatory standards.

We also understand a supplier's environmental record reflects on your own. Trelleborg Truck & Diesel takes a systematic approach to improving efficiencies in procurement, manufacturing, resource use and waste management. Our achievements in this area are available in a separate brochure from your local Trelleborg Truck & Diesel representative, or online at www.Trelleborg.com



Trelleborg Truck & Diesel is a leading provider of components, systems and innovation for trucks and heavy engines. Part of the Trelleborg Group with 27 manufacturing sites, 42 application engineering offices and 8 R&D centres around the world, we are able to work closely with customers in developing components and solutions that improve performance and availability while reducing costs.

WWW.TRELLEBORG.COM