GHH RAND®

Transport Solutions

TOTAL SOLUTIONS FOR BULK TRANSPORT





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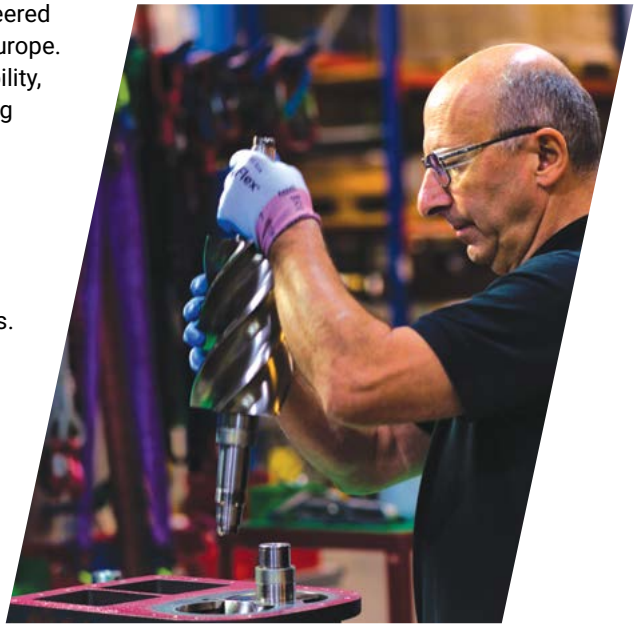
GHH RAND® Total Solutions for Bulk Transport

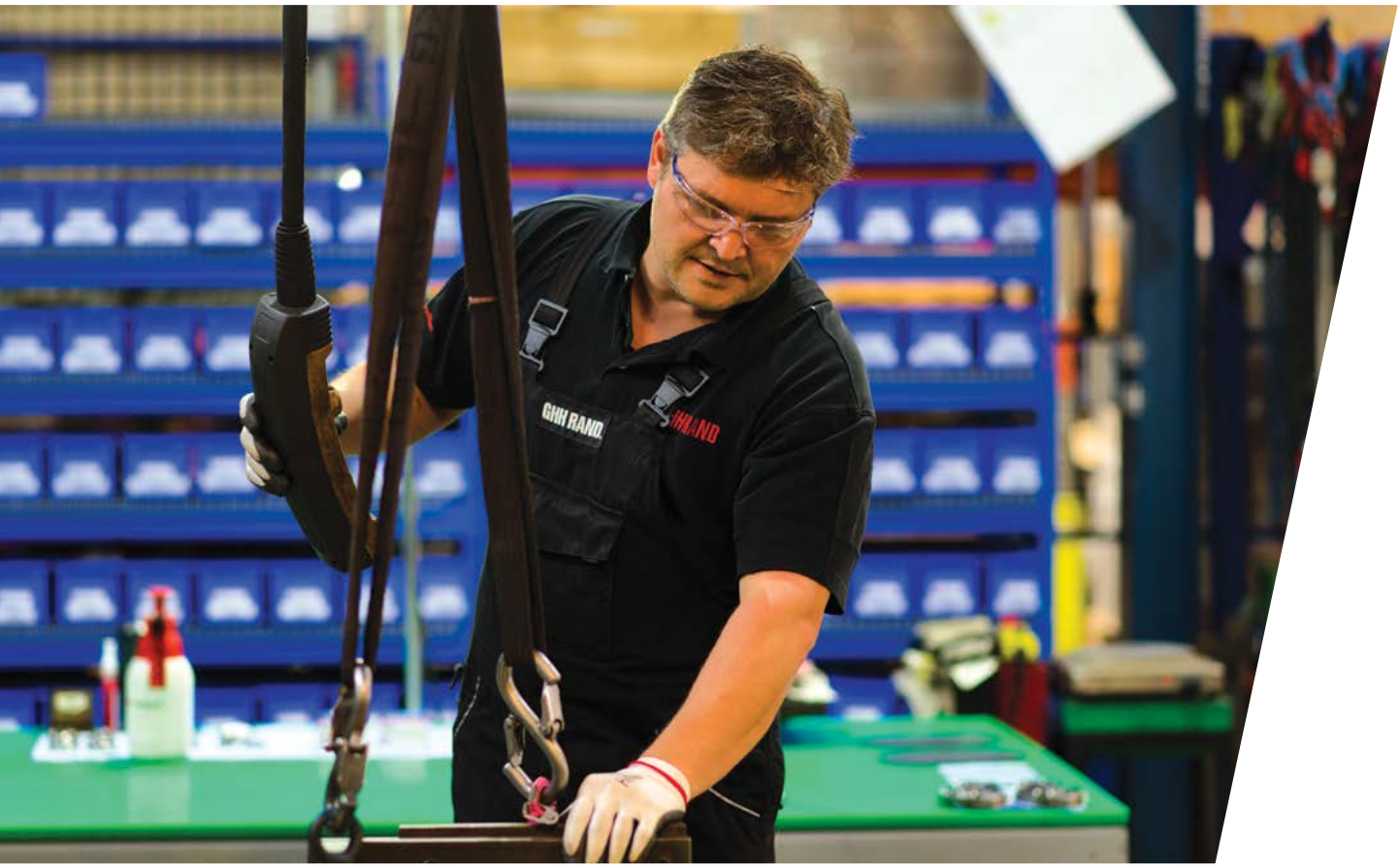
GHH RAND® designs and manufactures trusted German-engineered compressor systems for dry and liquid bulk transport across Europe. Our Plug&Play solutions are engineered for performance, reliability, and ease of installation – minimizing downtime and maximizing payload efficiency.

This brochure outlines our complete offering: dry and liquid bulk compressor solutions, aftermarket support, and service capabilities. Whether you're transporting powdered chemicals, granules, or liquid foodstuffs, GHH RAND® provides solutions that meet operational, regulatory, and commercial requirements.

Each product is backed by decades of engineering expertise and a commitment to lifecycle support. Our systems are built for efficiency — integrating seamlessly with modern vehicles, reducing discharge times, and maintaining product integrity.

Explore our product families, learn about our service capabilities in Oberhausen, and access technical documentation through our online Document Library.





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Liquid Bulk Solutions

Sliding Vane Compressors for Oil-Free Discharge of Liquid Products

Liquid bulk transport demands clean, efficient, and safe discharge systems that protect product integrity and minimize downtime. GHH RAND® SV Series compressors are engineered specifically for this purpose. These oil-free sliding vane units are designed to handle a wide range of liquid products—from foodstuffs and solvents to acids, alkalis, and heated bitumen—without direct contact between the compressor and the product.

Our SV150 and SV205 models offer compact, lightweight designs that integrate easily with most tanker configurations. Both models support direct PTO and hydraulic drive options and can be mounted in multiple orientations for installation flexibility. The SV150 is ideal for general-purpose applications, while the SV205 delivers higher flow rates for faster discharge at modern loading sites.

All SV compressors use corrosion-resistant materials and are built for long-term durability in demanding environments. With no internal oil and no product contact, they reduce the risk of contamination and simplify compliance with hygiene and safety regulations.

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SV150

Compact rotary vane compressor for general-purpose tankers. Handles acids, alkalis, bitumen, and food-grade liquids. Mounts easily inside chassis and supports direct PTO or hydraulic drive. The SV150 uses hard-anodized aluminum and stainless steel components to resist corrosion.

SV205

Larger vane compressor for faster discharge and lower noise. Ideal for high-flow sites and low-viscosity liquids. Offers flexible mounting and multiple drive options. The SV205 supports clockwise and counterclockwise rotation and can be installed in three orientations.

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Dry Bulk Solutions

Oil-Free Screw Compressors for Pneumatic Discharge of Dry Bulk Materials

Transporting dry bulk materials – such as powders, granules, and pellets – requires reliable, contamination-free air delivery. GHH RAND® offers a complete range of oil-free screw compressor systems engineered for pneumatic discharge from road tankers. These systems are designed for efficiency – meeting the operational demands of the dry bulk industry while supporting compliance with hygiene, safety, and emissions standards.

Our dry bulk solutions are modular, compact, and optimized for fast installation and low maintenance. Each package is built around our proprietary SILU® airend technology, delivering high efficiency and long service life without oil carryover. Whether you need a Belt-Driven system for general applications, an In-Chassis unit for space-constrained vehicles, or an intercooled package for temperature-sensitive materials, GHH RAND® provides a solution that fits.

We also offer electric and diesel-powered systems for operations without PTO access, and a dedicated eVehicle compressor package for battery-electric trucks. All systems are supported by our European service network and backed by decades of engineering expertise.



Belt Driven

Belt-driven compressors offer a flexible and proven solution for dry bulk discharge. These systems are easy to install, compatible with standard PTO configurations, and suitable for a wide range of materials. GHH RAND® belt-driven models combine compact design with reliable oil-free performance.

CG600 LITE, CS700 LITE, CS1050 LITE

These belt-driven compressors are widely used for cement, flour, and plastic pellets. The CG600 LITE is compact and efficient. The CS700 LITE and CS1050 LITE offer higher flow rates and reduced weight, with oil-free screw technology that minimizes contamination risk.

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In-Chassis

In-Chassis solutions are designed for vehicles with limited space. Mounted within the truck frame, these units reduce weight and preserve payload capacity. GHH RAND® In-Chassis solutions deliver high efficiency and quiet operation, with configurations tailored to dense- and lean-phase conveying.

CS580 LITE, CS750 LITE

Designed for trucks with limited chassis space. The CS580 LITE supports dense-phase conveying; the CS750 LITE handles lean-phase materials. Both feature SILU® oil-free airends, food-grade rotor coatings, and low-noise discharge.

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Intercooled

Heat-sensitive materials require controlled discharge temperatures to prevent degradation. GHH RAND® Intercooled solutions deliver cooled, oil-free air using integrated silencers and high-efficiency cooling. These packages are ideal for food-grade and temperature-sensitive bulk products.

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VIEW THE 360° VIDEO

CS1050 IC

For heat-sensitive products, these Belt-Driven solution delivers cooled, oil-free air. It includes a reactive silencer and corrosion-resistant rotors for food-grade discharge.

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CS1200 ICL

A compact In-Chassis Intercooled package with CS104 airend, high-efficiency cooler, and reactive silencer. Delivers air as low as 50°C for safe discharge of sugar, plastics, and feed.

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Electric and Diesel

For operations without PTO access, GHH RAND® offers self-contained electric and diesel compressor packages. These units provide autonomous performance for stationary or mobile discharge, supporting fleet flexibility and compliance with low-emission zones.



CG600 EP&DP

Self-contained compressor packages for operations without PTO access. Electric models support zero-emission zones; diesel units offer autonomy in remote areas.

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Electric Trucks

Battery-electric trucks require highly efficient, compact compressor solutions. GHH RAND® BEV Truck solutions are engineered to integrate with electric drivetrains, delivering full discharge capability without compromising range. Designed in collaboration with OEMs, these packages support modern fleet electrification.



CS580 BEV

Designed for battery-electric trucks. Features the CS90R2L airend with low energy draw, sound insulation, and plug-and-play integration. Developed with Volvo for construction fleets. The system supports full battery range and offers recharge potential during discharge.

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GHH RAND

Aftermarket Parts and Lubricants

GHH RAND® Original Components for Long-Term Performance and Uptime

At GHH RAND®, product support doesn't end at installation. Our lifecycle philosophy is built around long-term reliability, operational continuity, and total cost control. We take responsibility for our solutions throughout their service life – offering parts, technical support, and maintenance strategies that keep your equipment running at peak performance.

Our aftermarket portfolio includes genuine lubricants, airends, rebuild kits, and remote air coolers. Using original GHH RAND® parts protects your investment, reduces unplanned downtime, and ensures compatibility with evolving vehicle platforms.







Lubricants and Preservatives

Formulated for oil-free systems, these fluids support clean operation and extended service intervals.

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Remote Air Cooler RAC

Maintains optimal discharge temperatures for heat-sensitive materials.

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CG80



CS80



CS85



CS90



CS104

Airends

Available for all major models – pre-balanced and ready for quick installation.

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Our support team works closely with operators to plan preventive maintenance, identify wear trends, and respond quickly to service needs. With parts supported by our European-wide Sales & Service Partner Network, we help you reduce lifecycle costs and maintain operational readiness.

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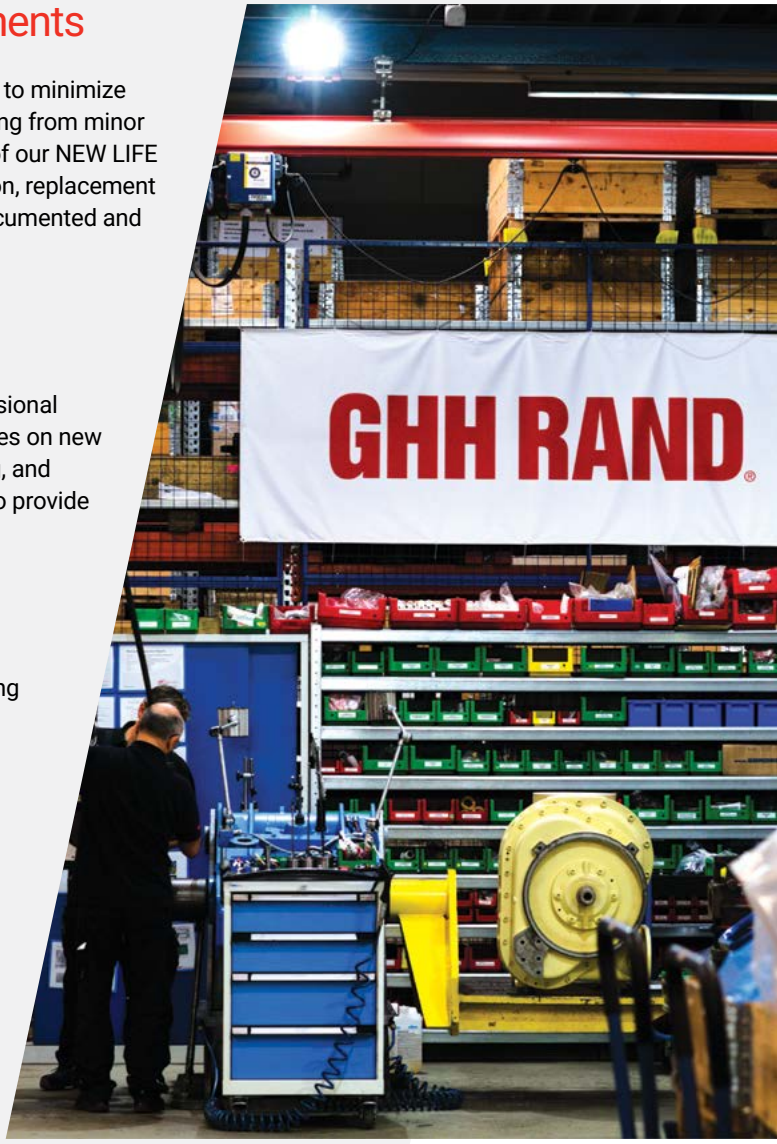
Service Point – Oberhausen

Certified Support For Installation, Testing and Refurbishment

GHH RAND® operates a dedicated service center in Oberhausen, Germany, providing full lifecycle support for all compressor systems. Our facility is staffed by certified technicians and equipped with specialized tools for diagnostics, testing, and installation.

Maintenance, Repairs and Refurbishments

We offer scheduled maintenance and responsive repair services to minimize downtime and extend equipment life. Our team handles everything from minor component replacements to full compressor overhauls as part of our NEW LIFE program. Refurbishment services include disassembly, inspection, replacement of worn parts, and reassembly to OEM standards. All work is documented and validated before return to service.



Installations

We support OEMs, bodybuilders, and fleet operators with professional installation services. Our technicians install compressor packages on new or existing vehicles, ensuring proper alignment, secure mounting, and integration with PTO, hydraulic, or electric drive systems. We also provide installation kits and technical guidance for remote teams.

Performance Testing

Our in-house test bench allows us to simulate real-world operating conditions and verify compressor performance after service or refurbishment. We measure flow rates, pressure stability, and temperature control to confirm that each unit meets its original specifications. This process ensures reliability and compliance before the equipment is reinstalled or returned to the field.

Warranty Processing

Our service team manages warranty claims directly, streamlining the process for customers. We assess eligibility, perform diagnostics, and carry out approved repairs or replacements using OEM parts. All warranty work is logged and traceable, ensuring transparency and accountability.

GHH RAND®

Document Library

Centralized Access to Technical Documentation

The GHH RAND® Document Library provides quick access to installation drawings, operating manuals, mounting instructions, and product specifications. Organized by product category, it supports engineers, installers, and fleet managers with up-to-date resources.

Documents are searchable and downloadable, helping teams streamline installation, maintenance, and compliance. Whether you're fitting a new compressor or servicing an existing unit, the library provides the technical clarity you need.

ACCESS THE LIBRARY

Transport Solutions

About GHH RAND®

Engineered in Germany, trusted worldwide. Our SILU® solutions combine advanced technology with deep industry expertise to ensure reliable, efficient bulk transfer for both dry and liquid bulk materials.

For more information,
visit **www.ghhrand-transport.com**

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