

GHH RAND

Compressed Air for all Industries

For the Intelligent Transport of Bulk Goods



SILU[®] - Compressors

Solutions for Dry Bulk Transport



GHH RAND keeps your business rolling:

With our dedicated European Partner Network, and the high-performance lubricants Silol and Silol FG.

The new Service catalogue offers you the complete program of spare parts for your GHH RAND screw compressor.

High performance in every situation.

For the discharge of dry-bulk vehicles, GHH RAND has a wide variety of solutions in its range of products. Solutions that are tailor-made for European transporters of bulk goods for Industries ranging from Chemical- & Construction- through to the Food-Industry. SILU[®]solutions made by GHH RAND can easily be installed onto the chassis from all European manufacturers.

Lubricants

To maximise the lifetime of the compressor, GHH RAND developed a high-performance synthetic lubricant called Silol, the next generation of this is now available – “Silol FG” (Food Grade) specially for the Food-Industry. In addition, the use of these lubricants extends the warranty period of your aggregate.

Parts

Original OEM parts preserve the warranty. To keep your business going, we maintain stock of original spare parts and exchange airends, along with a dedicated team of specialists which you can for example reach through our Service Hotline.

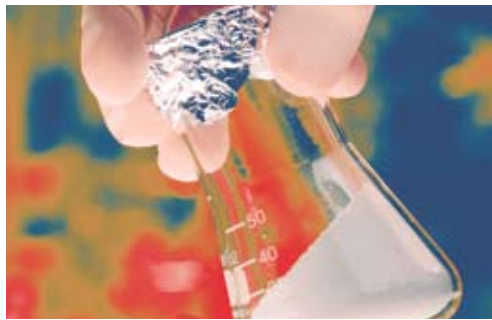
Service Hotline: +49 (0) 208 690-3888

Services

GHH RAND supports your business with a comprehensive European Partner Network. Our multicultural, multilingual team allows us to understand our customers and satisfy their requirements. Our service technicians are looking forward to support you at any issue regarding your compressor solution.

Chemical-Industry

Powder, Pellets and Granulates



Whether granulate, pellets or powder – for the special requirements of bulk goods transport in the Chemical-Industry, GHH RAND has a broad range of optimized products.

Compressed Air for Sensitive Applications. Granulates, powder and other bulk goods

are the “building blocks” of countless products used in our everyday lives. These components are used in all fields of the Chemical-Industry – and mostly transported over our roads by means of dry-bulk tankers.

If tailor-made solutions are required for the emptying of dry bulk tankers with compressed air, GHH RAND is equipped to meet the special requirements of the Chemical-Industry, whether these be plastic granulates or plastic pellets, coarse-grained, fine or dust-sized raw materials. The variety of challenging substances ranges from

polyester dust to iron oxide and from kevlar powder to calcined calc sulfite.

The Chemical-Industry places extremely high requirements on their carriers, particularly in the case of hazardous materials. GHH RAND SILU® solutions are able to satisfy these demands thanks to their high level of operational safety, their outstanding reliability and long service life.

The low discharge temperatures and the completely clean oil free air guarantee that highly sensitive and expensive products do not suffer from degradation or contamination.

GHH RAND

Standard Solution

Standard ready-to-install packages with options of compressor stages.

Light Solution

The solution for heavy tasks in which every kilogram counts.

Compact Solution

Ideal for chassis with limited space crowded with high capacity fuel tanks.

3Axle Solution

A 90 degree angular gearbox permits compressor installations when space is at a premium with trucks with 3 axles. The solution has been designed to permit optimum prop shaft lengths and angles allowing for a highly durable and easy to install package.

Diesel Solution

Independent from the engine of the truck: diesel solution for autonomous operation of the SILU® compressor.

Electric Motor Solution

Stationary unit for the discharge of silo tankers.

In Chassis Solution

Extremely space-saving and low noise: The In Chassis Solution with a direct installation of the compressor into the vehicle frame is possible with most manufacturers chassis configurations.

Construction-Industry

On the road: Cement, Lime, Sand and Gypsum & more



Rough roads require strong frames – the extreme conditions in the Construction-Industry demand particularly sturdy silo compressors. To this purpose GHH RAND has developed light and powerful packages with high efficiency filtration for dusty environments.

Power for the Construction-Industry. Many of the basic materials used in the Construction-Industry are transported on the road in dry-bulk tankers; these include cement, gypsum and lime, as well as granulates for covering roofs.

The Construction-Industry demands reliability day after day with multiple discharges. The performance of SILU® compressors fits perfectly with these requirements, particularly in the hard environment of the

Construction-Industry. These qualities also apply to the transport of raw materials such as sand and minerals.

Whatever the Industry, whatever the product, GHH RAND has a SILU® solution available. Various types of drives and configurations allow customized solutions for trucks, tractors and trailers.

Once in operation, GHH RAND SILU® aggregates convince due to long service life, high performance levels and low-noise operation.



Standard Solution



Light Solution



Compact Solution

Food-Industry

Sugar and Salt, Hops and Malt & more...



100% oil-free compressed air for the guaranteed clean pneumatic transport of goods for the Food-Industry, GHH RAND has an international reputation for the highest quality standards.

An important link in the food chain.

The highest hygiene standards and complete freedom from oil are absolutely essential when transporting bulk goods for the Food-Industry. From sugar to salt and flour to cereal, GHH RAND deliver the highest level of quality and reliability to provide you with secure peace of mind when discharging food products.

The same demands also apply in agriculture, when transporting animal feed, fertilizers or bone meal. High performance silencing, minimising noise, is of great importance when discharging for instance flour within

residential areas through to animal feeds within the Poultry-Industry.

For the transportation of bulk goods in the Food-Industry GHH RAND offers not only a wide range of SILU® compressors in various drive formats and configurations, but also an all-round service of initial installation through a European-wide service partner net.

Specifically for the discharge of bulk materials within the Food-Industry, GHH RAND has developed a H1 Certified Silol Food Grade Lubricant according to HACCP, FDA and NSF regulations.



3Axle Solution



Diesel Solution



In Chassis Solution

GHH RAND

SILU®Customer Center
GHH RAND Schraubenkompressoren GmbH
Ingersoll Rand Industrial Technologies
Erlenstrasse 67
46149 Oberhausen, Germany
Telefon +49 (0) 208 690 -38 0
Telefax +49 (0) 208 690 -38 44
Service Hotline +49 (0) 208 690 -38 88
info_ghh-rand@irco.com
www.ghhrand.com



Ingersoll Rand Industrial Technologies provides products, services and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.

SILU® Industries 07. 2008 v01

www.ingersollrand.com

Your SILU® Partner