



GHH RAND®

// Transport Solutions

Belt Driven LITE

solutions for dry bulk tankers



Discover the **GHH RAND® LITE Series** - a lightweight, belt-driven compressor solution designed specifically for dry bulk powder and granulate applications. Engineered for installations where space is at a premium, these compact packages are perfect for side-mounting on all European road tankers.

With over **70 years of expertise in oil-free air compression**, GHH RAND® delivers unmatched performance and reliability. The LITE Series ensures **market-leading discharge efficiency**, making it the ideal choice for demanding pneumatic conveying operations.

The **LITE series** from GHH RAND® with **robust, long-lasting components** deliver the performance and dependability professionals rely on. Designed to excel in even the most demanding environments, these compressors reflect the quality and reliability that have become synonymous with the GHH RAND® name.

GHH RAND® **customized configurations, plug-and-play installation**, and **rugged mounting frames** meet the demands of real-world applications. Whether transporting sensitive materials like food-grade granulates or handling heavy-duty industrial applications, GHH RAND® solutions provide unmatched reliability and peace of mind.

Discover why professionals across the dry bulk market trust GHH RAND® for quiet, efficient, and durable compressors that perform all year-round.

Simplified Construction | Long Service Life | Versatile | Low Maintenance



www.ghhrand-transport.com

Applications

Highly efficient, extremely reliable, and built to last. Designed to enhance operational efficiency.

Optimized for conveying:

Bulk Chemicals, Cement, Salt, Gravel, Ashes



Compact Design

Engineered specifically for the challenges of dry bulk transport, offering a cost-effective and simplified setup that increases payload - boosting your bottom line. • Optimised discharge outlet positioning.

Zero Contamination

Performance optimised oil-free rotary screw airend with a high efficiency design offers exceptional operational reliability, with performance ranges and installation options to suit your unique applications.

Plug and Play

Fully assembled, ready to install solution, configured to your exact application. Save time and money with reduced fitment time and cost.

Built to Last

German-engineered, FEA-calculated strong steel brackets, tailored to your vehicle requirements, offering a durable, bolt-on “fit & forget” solution.

State-of-the-art silencing

Advanced reactive silencer technology attenuates pulsation, reducing noise and vibration across the pneumatic system. • Preventing filter media migration during discharge, protecting against downstream contamination. • Smart design includes integrated safety and non-return valve. • As part of our ongoing innovation drive, we are transitioning to our DTV concept - setting new standards in noise quality.



Consistent 2.5 Bar Gauge Operation

Reliable 2.5 bar gauge across all speeds and flows. • Ensures smooth discharge of all products in the most demanding conditions.

SILOL® & SILOL® FG Lubricants

High-performance lubricants for all temperatures. • SILOL® FG for safe operation in food-grade applications.

Remote Oil Cooler ready

To support extended operation periods in arduous condition.

Technical data				
Parameters	Units	CS580	CS700	CS1050
Max. Free Air Delivery	[m ³ /h]	625	744	1036
Flow range at 2 bar(g) ¹⁾	[m ³ /h]	440 - 560	290 - 720	420 - 975
Airend input speed	[U/min]	3000 - 3600	1000 - 2000	
Std. belt drive ratio ²⁾	i=	2,24	1,25	
Package	[U/min]	1340 - 1600	800 - 1600	
Power used at 2 bar(g) ¹⁾	[kW]	26 - 33	20 - 48	25 - 64
Dimensions [mm]	[W]	675	785	834/845 ³⁾
	[B1+B2]	715 + 245	715 + 245	723 + 269
Weight	[H]	750	745	713/717 ³⁾
	[kg]	220	318	296/297 ³⁾

Technical data for air, inlet temperature 20°C, inlet pressure 1 bar(abs). All compressors rated for 2,5 bar(g) working pressure. Tested at 2,7 bar(g)
¹⁾ - At the airend (flow at suction), at 2 bar over pressure at the outlet.
²⁾ - Other belt drive ratio on request
³⁾ - For PTO L / PTO R packages

