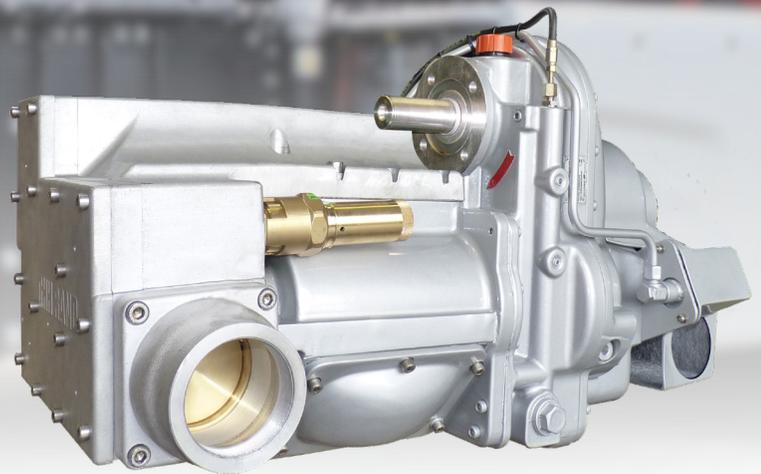




InChassis LITE solutions for dry bulk tankers



CS90



CS104

GHH RAND® LITE solutions include a range of InChassis truck-mounted compressors designed for the discharge of dry bulk products. These systems are ideal for tractors with crowded chassis rails, where space is often limited.

Our innovative technology features a narrow, self-contained airend with an integrated oil cooler and a directly mounted reactive silencer, requiring minimal installation space. This plug-and-play solution is compatible for use with any European 4x2, 6x2, and 6x4 tractors.

With more than six decades of expertise, GHH RAND® stands as a pioneer in bulk material unloading solutions. Our reputation for excellence is built on precision-engineered components, including FEM-calculated brackets that are specifically designed to maximize safety and ensure long-term durability.

These advanced features deliver a clear competitive advantage, reflecting our unwavering commitment to innovation, reliability, and performance.

Narrow & Lightweight | Market Leading Energy Efficiency | Rear Upper Drive Input | Low Maintenance

Applications

The GHH RAND® oil free rotary screw truck-mounted compressor range offers a cost-effective solution for InChassis installations. These systems are ideal for dilute to dense phase conveying of dry bulk powders and granulates, including:

Flour, Soda, Cement, Sand, Lime, Plaster, Gravel, Ashes



Unmatched Airflow Performance

Fast discharge and high efficiency with reduced engine noise. Optimized speed, minimizing fuel use and emissions. Volume flows: 430 to 1200 m³/h.

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.

Narrow, Self-Contained Airend

Streamlined geometry enables installation in confined spaces, minimizing labor requirements. Compatible with all tractor models. The rear, upper gearbox ensures a reduced drive shaft angle, enhancing durability and lowering maintenance costs.

Optimized Rotor Profile

Low-frequency noise of operation for a quieter work environment - even at maximum airflow.

Advanced Rotor Coating

Premium food-grade rotor coating offers even, pore-free coverage that resists wear and corrosion.

- Maintains geometry and efficiency, prevents particle migration

- Ensures durable, reliable performance - even after standstill in demanding road transport conditions.

Flexibility in Installation

Integrated discharge silencer with non-return and safety valve eliminates need for extra brackets.

- Dual suction ports allow flexible mounting and shorter inlet pipework.
- Universal mounting



Built-In Gearbox Protection

Standard overload friction coupling secures the safety of the PTO and gearbox.

SILOL® & SILOL® FG Lubricants

High-performance lubricants for demanding applications. SILOL® FG for safe operation in food-grade applications.

Hydraulic Drive Ready

Close-coupled hydraulic motor interface available - ideal for tight spaces in bulk tank tipping.

Low Weight

Boosts payload for higher operational efficiency.

Technical data				
Parameters	units	CS580 LITE	CS750 LITE	CS1200 LITE
Airend model		CS90..L	CS90..H	CS104
Max. Free Air Delivery	m ³ /h	658	828	1193
Flow range at 2 bar(g) ¹	m ³ /h	436 – 584	531 – 758	712 – 1124
Airend input speed	rpm	1450 – 1800	1350 – 1800	1200 – 1800
Power used at 2,0 bar(g) ¹	kW	27 – 34	32 – 44	39 – 49
Dimensions [mm]	L1/L2	857 / 744 ²		835 / 705 ²
	B1/B2	280 / 302 ³		293 / 325 ³
	H	430		460
Weight	kg	165		220

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 - Length with integrated oil cooler / without (remote oil cooler ready).
³ - Min./max. (at top/bottom) depth from the bracket, without inlet flange.

