



# GHH RAND®

## Truck Mounted Compressor

### InChassis Solutions for Dry Bulk Tankers

GHH RAND® light solutions encompass a range of in-chassis truck mounted compressors for discharge of dry bulk products, that enable installations on tractors with crowded chassis rails where space is often limited.

Our pioneering technology comprises of a narrow self contained air end with integrated oil cooler and directly mounted/close coupled silencer which requires low space for installation, providing a plug and play solution for most European 4x2, 6x2 and 6x4 tractors.

Narrow &  
Low Weight

Optimised  
Rotor Profile

Rear Upper  
Drive Input

Flexible



# Applications

GHH RAND's rotary screw truck mounted air compressor range offers a price competitive solution suitable for installations within the chassis of all major European road tankers utilised for medium to dense phase conveying within the dry bulk powders and granulates industry.

Conveyed products include:

-  Animal Feed
-  Bulk Chemicals
-  Construction Materials
-  Food & Beverage

## Features & Benefits

### Meeting Market Demand

Restrictive regulations and regional market requirements continue to create space constraints on truck chassis rails for mounting traditional belt driven compressors. Our truck mounted air compressors can be mounted within the confines of the truck chassis frame, offering a space-saving design.

### German Engineered Geometrically Optimised Airend

Our airends are engineered specifically to offer an optimised geometry that ensures a good fit in the close confines experienced when mounting under and within the chassis rails.

### Close Coupled Reactive Silencer Fitted onto Airend

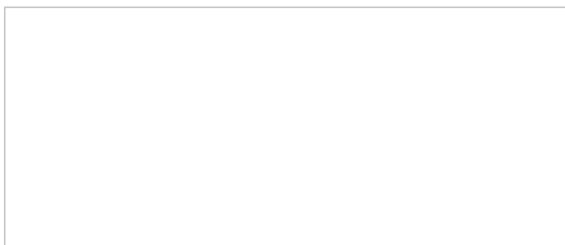
Our integrated unique reactive silencer bolts directly onto the airend to ensure everything fits neatly inside the chassis of your vehicle, eliminating the need for additional bracketry.

### Reduced Drive Shaft Angle for Longer Life Expectancy

The input shaft location is optimised ensuring prop shaft angle compliance with supplier maximum limits of compound angles, giving improved propshaft life expectancy and on road times.

### Flexible Suction Port Options

Suction ports on both sides of the compressor offer mounting flexibility, simplifying and shortening inlet pipework.



### Protects your Investment

Corrosion free rotors combined with our SILOL FG® lubricant, protects your product from potential contamination. This ensures compliance with consumer law regarding food safety.

### Built-in Gearbox Protection as Standard

Overload friction couplings provide a safe barrier protection of the customer's PTO and gearbox for ongoing peace of mind.

### High Air Flow

Optimised product discharge times offer maximum performance whilst delivering low fuel consumption, engine noise and exhaust emissions.

		Performance					
Models	Unit	CS580 LITE		CS750 LITE		CS1200 LITE	
Parameter		Min.	Max.	Min.	Max.	Min.	Max.
Suction volume compressor airend	m <sup>3</sup> /h	436	584	531	758	712	1124
Input Speed	min <sup>-1</sup>	1450	1800	1350	1800	1200	1800
Power consumption compressor airend	kW	31	40	36	49	36	49
Max. discharge pressure	bar(g)	2.5					
Total weight LITE package	kg	approx. 165				approx. 210	
Measurements LITE package	LxWxH cm	857/744 x 325 x 430				835/705 x 405 x 460	

Performance data, weights & dimensions are typical only.

