

# GHH RAND®



## Intercooled Solutions

### Suitable for Heat Sensitive Dry Bulk Products

GHH RAND® belt driven dry bulk intercooled compressor solutions, deliver oil-free and cooled compressed air for the pneumatic conveyance of heat-sensitive dry bulk goods like plastics and sugar. Paired with our high performance lubricants, SILOL® and SILOL® FG, our rotary screw oil-free bulk compressors protect your dry bulk product, helping you meet health and safety requirements in the plastics and food industries. The high quality, optimised airend offers maximum reliability, guaranteed performance, and a long service life, offering customers long term efficiency and consistent daily results.

Bespoke Solution

Cooled  
Discharge Air

Varied  
Performance

Low Noise



## Applications

GHH RAND dry running rotary screw airends are ideally suited to discharging bulk goods at optimal rates to reduce your discharge times.

The intercooler solution package is the perfect choice for heat sensitive products that require cooled discharge air, such as flour, sugar, chocolate chips and certain chemicals.

### Additional applications:

The intercooled solution range are also suitable for other conveyed products including:



Animal Feed



Powdered Chemicals



Plastic Pellets



Pharmaceutical Materials

## Features & Benefits

### Package Designed and Made in Germany

The intercooler solution is available as a complete packaged solution, configured exactly to your specific business needs.

### Choice of Solutions to Suit Customer Requirements

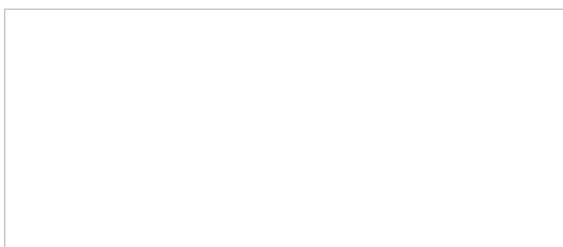
Our range of airend models and configurations offer variable performance and provide the flexibility for us to design, develop and specify, an exact solution to meet your unique needs.

### Contaminant-Free Rotors for Sensitive Products

The CS1050 packaged solution provides corrosion free rotors with an applied coating to support utilisation and compliance within the food industry.

### Robust & Durable Mounting Frame

A removable "U" profile bracket is engineered to the customer's specific vehicle requirements, and enables an easy installation when mounting to the vehicle chassis.



### Drive Options

Belt drive options are available in a range of solutions optimised to meet your exact requirements, reducing fuel consumption, noise and emissions.

### Noise Reduction

Silencers are of the non-migrating reactive concept, providing excellent levels of sound attenuation.

Performance					
Models	Unit	CS700 IC		CS1050 IC NEU	
Parameter		Min.	Max.	Min.	Max.
Suction volume compressor airend (@ 2.0 bar(g))	m <sup>3</sup> /h	286	720	420	900
Input speed package	min <sup>-1</sup>	800	1600	800	1800
V-belt drive ratio	i =	1.25			
Compressor speed	min <sup>-1</sup>	1000	2000	1000	2000
Power consumption	kW	max. 48		max. 64	
Weight	kg	365		398/399	
Measurements	LxWxH cm	820 x 810 x 820		905/926 x 775 x 714/737	

Performance data, weights & dimensions are typical only.

**GHH RAND**<sup>®</sup>