

GHH RAND®

Trusted German Engineering, Just Got Even Better!



CS1050 IC NEU

Innovative “Next Generation” Intercooled Compressor Solution for Heat Sensitive Dry Bulk Products

The Next Generation CS1050 IC NEU belt driven solution from GHH RAND® delivers clean oil-free, cooled compressed air, suitable for the pneumatic conveyance of heat-sensitive dry bulk products typically as required in the food and plastics industries.

Clean cool pressurised air, paired with GHH RAND® high-performance lubricants, SILOL® and SILOL® FG, provide ongoing peace of mind, protecting your product & your customer, whilst also supporting health and safety requirements.

The German designed and manufactured compressor package offers, quality, reliability, guaranteed performance, and long service life. For our customers, the results is long term efficiency with consistent daily results.

Bespoke Solution

Cooled
Discharge Air

Varied
Performance

Low Noise



Applications

The GHH RAND® dry-running rotary screw solution is ideally suited to discharging bulk goods at optimal rates to reduce your discharge times.

The IC (Intercooled) package is the perfect choice for heat sensitive products that require temperature controlled cooled discharge air, protecting the product from degradation.

Additional applications:

The IC solution is suitable for other conveyed products, including:



Animal Feed



Powdered Chemicals



Plastic Pellets



Pharmaceutical Materials

Features & Benefits

Package Designed and Made in Germany

Plug and play with an easy-to-install, complete package module available and configured precisely to your specific needs.

Choice of Solutions to Suit Customer Requirements

The CS1050 IC NEU solution is available with a unique new multiple arrangement for the positioning of the bearing block, allowing an optimised prop-shaft drive angle, providing a long service life.

Contaminant-Free Rotors for Sensitive Products

Peace of mind is provided against product contamination with an applied corrosion resistant coating of the rotors supporting compliance of products discharged within the food industry.

Robust & Durable Mounting Frame

All bracketry and mounting frames are fully FEA validated, ensuring strong durable and robust mounting of the solution for all European vehicles. Our concept being that of fit and forget even under challenging road conditions.

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, whilst ensuring no silencer in-fill migration into the air discharge line.

Performance			
Parameter	Unit	Min.	Max.
Suction volume compressor airoend (@ 2.0 bar(g))	m ³ /h	420	900
Input speed package	min ⁻¹	800	1800
V-belt drive ratio	i =	1.25	
Compressor speed	min ⁻¹	1000	2000
Power consumption	kW	max. 64	
Weight	kg	398/399	
Measurements	LxWxH cm	905/926 x 775 x 714/737	

Performance data, weights & dimensions are typical only.

