

# GHH RAND

## *SILU<sup>®</sup> E-Pack*

*Oil-free Screw Compressor Block  
with Electric Motor*



Compressed Air Solutions for the pneumatic discharge of bulk material.

## Compressor for the Dry Bulk Tanker Industry

For over 50 years GHH RAND have been supplying Oil Free Screw Compressors into the Dry Bulk “Silo” Tanker Market. Manufactured in Germany and supported by our Worldwide SILU® Partner Network, GHH RAND are pleased to offer our latest development, which brings together proven and reliable technologies for both the electric motor and the screw compressor in a rigid and robust package design.

Our new SILU® Electric Pack is almost same package which our customers from Transport Industry using every days for oil free pneumatic conveyance of bulk goods from tankers. Our SILU® E-PACK is dedicated for major bulk products like flour, sugar, salt, chemical granules, animal feed, coal dust, cement, sand, cement, chalk etc.

### Scope of Supply

- GHH RAND SILU® CG80, CS80/1 or CS85 Oil Free Screw Compressor
- Discharge silencer, safety pressure relief and non-return valve
- High-performance inlet filter
- Three-phase ac motor from Siemens, power output from 22 to 75 kW,
- Motor speed 3000 min-1, protection class IP55
- Mounted on robust steel frame
- Bearing of frame on anti-vibration buffers
- Silencer, air filter and all tubing aluminium thus meeting the requirements of the food and chemical industry
- Integrated oil cooler for continuous duty
- 10 Litres of Silol Synthetic lubricant for first 12 months of operation
- Control system for start-up, phase control, thermostatic control for cover version
- Cover version available with air cooler and without air cooler
- Level of noise for cover version up to 80 dB with maximum pressure of compressor

Type	1,5 Bar (g)			Type	2,0 Bar (g)			Type	2,5 Bar (g)		
	m3/h	kW	kg		m3/h	kW	kg		m3/h	kW	kg
				CG600 EP Light	470	30	500				
CG600 EP - 1,5/22	455	22	930	CG600 EP - 2,0/30	438	30	930	CG600 EP - 2,5/30	421	30	990
CG600 EP - 1,5/30	575	30	990	CG600 EP - 2,0/37	557	37	990	CG600 EP - 2,5/37	539	37	1010
CS700 EP - 1,5	730	37	1010	CS700 EP - 2,0	717	45	1010	CS700 EP - 2,5	704	45	1070
CS1050 EP - 1,5	1000	45	1070	CS1050 EP - 2,0	990	55	1160	CS1050 EP - 2,5	976	75	1280