



GHH RAND®

Transport Solutions

CG600 EP LITE

Electrically Driven Compressor Solution



Trusted Excellence in Oil-Free Screw Compressors

GHH RAND® has been a leading supplier of oil-free screw compressors to the Dry Bulk SILU® Tanker Market for more than six decades. CG600 EP LITE combines proven, best-in-class technologies in both electric motor and screw compressor design — both delivered in a robust, high-performance package.

Engineered in Germany. Supported Worldwide.

Backed by our global SILU® Partner Network, we ensure reliable service and support wherever you operate.

Features & Benefits

- ✓ GHH RAND® CG80 oil-free screw compressor
- ✓ Belt driven with three-phase AC motor
- ✓ IP 55 Protection Class
- ✓ Robust, powder-coated steel frame
- ✓ High-performance inlet filter for arduous conditions
- ✓ 540 m³/h free air delivery
- ✓ Suction volume 470 m³/h at 2.0 bar (g)
- ✓ For mobile & stationary use

Compact footprint

Robust

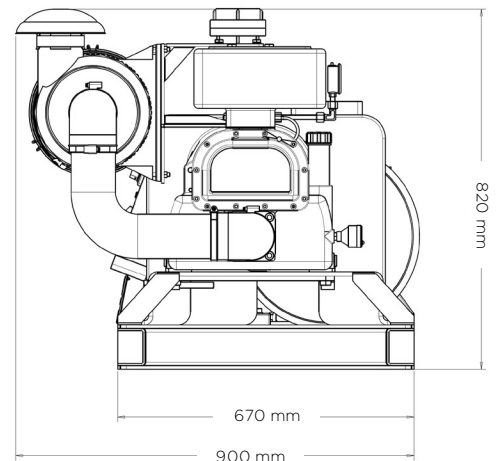
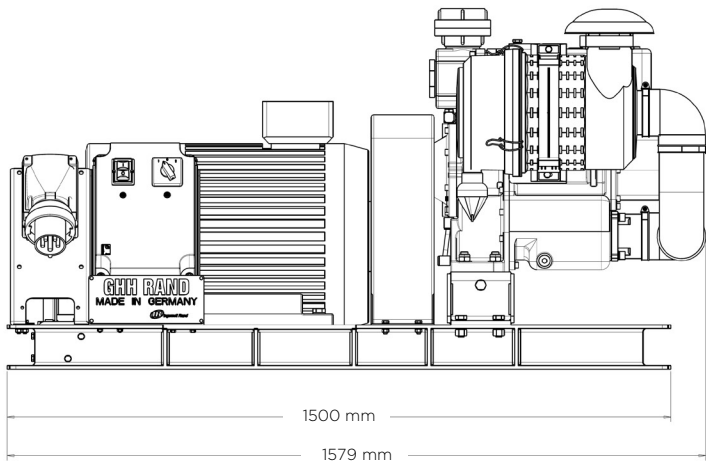
Oil-Free

High Efficiency



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Scope of Supply

- GHH RAND® CG80 oil-free screw compressor
- Reactive concept discharge silencer preventing infill material migration into your product
- Integrated Safety Pressure Relief Valve
+ Non-Return Check Valve
- Three-phase AC motor type B3:
30 kW / 380-400 V AC / Δ / 50 Hz / 2,1 bar
37 kW / 380-400 V AC / Δ / 50 Hz / 2,6 bar
37 kW / 380-400 V AC / Δ / 60 Hz / 2,3 bar
- Belt drive with applicable belt drive safety cover
- Conveniently located control box with Star/Delta starter, with motor phase control, overload protection and over-temperature protection
- Assembled on FEA calculated robust, powder-coated steel frame. Estimated total weight 500kg.
- High efficiency SILOL® lubricant extending oil change interval
- CG600 EP LITE solutions are non-EU compliant. Individual components (airend, motor, control box, cables) are CE compliant.

Options

- Integrated oil cooler (23397078P) for extended operation time
- Air cooler for temperature sensitive materials
- CEE plug (47529398001) or bare cable for individual connection
- Elastic anti vibration mounts (Megi cone 22898332) for installation on the trailer
- Rubber buffers (23303613) 200 x 52 x 60 mm (for stationary installation)
- Remote installation of the control box

