

GHH RAND®

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InterCooler Solution

The SILU® compressor machines in our InterCooler Solution range deliver oil-free and cooled compressed air for the pneumatic conveyance of an extremely wide variety of bulk goods. Ranging from fine powder to coarse granulates. All being conveyed efficiently with low noise operation and highly durable equipment for a long life with usual GHH RAND quality.



InterCooler packages

CS580 IC
CG600 IC
CS700 IC
CS750 IC
CS1050 IC
CS1200 IC

Versatility

- 290 to 1.150 m³/hr air flow enabling a wide variety of product discharge
- Wide PTO input speed range that allows volume flow adjustment
- Hot air discharge cooling with temperature regulation
- Options of V-belt ratios. Direct drive with CS580, CS750 and CS1200
- Option of directions of rotation
- Instrument panel to monitor air filter, oil pressure and discharge temperature
- With CS580, CS750 and CS1200 the airend is installed inside the truck's chassis

Low noise

- Inlet and discharge silencer (New generation discharge silencer)

Long Lifetime

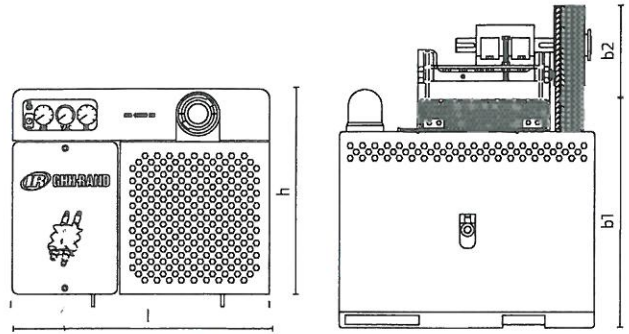
- Corrosion-free rotors on the CS580, CS750, CS1050 and CS1200
- Highly durable mounting frame
- PTO and gearbox protection with use of V-belt drive

 **Ingersoll Rand®**

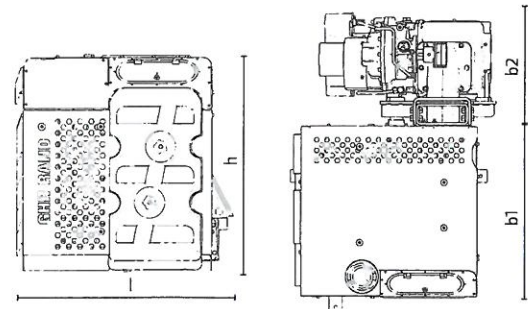
Scope of delivery

- GHH RAND oil free SILU® compressor
- Corrosion-free rotors on the CS580, CS750, CS1050 und CS1200
- Inlet and discharge silencers
- Inlet air filter
- Robust and highly durable mounting frame
- V-belt drive/Direct drive
- Oil pressure gauge
- Filter condition gauge
- Non-return and safety relief valve
- Discharge air temperature indicator
- Discharge air cooling system

CG600 IC
CS700 IC
CS1050 IC



CS580 IC
CS750 IC
CS1200 IC



Technical data

| Parameter | | | CS580 IC | CG600 IC | CS700 IC | CS750 IC | CS1050 IC | CS1200 IC |
|--|-------------|-------------------|--------------|--------------------------|--------------------------|--------------|--------------------------|--------------|
| Suction volume compressor aircend (@ 2.0 bar(g)) | min. | m ³ /h | 421 | 440 | 290 | 516 | 435 | 694 |
| | max. | m ³ /h | 569 | 560 | 720 | 744 | 1000 | 1150 |
| Input speed package | min. | min ⁻¹ | 1450 | 1340 | 800 | 1350 | 800 | 1200 |
| | max. | min ⁻¹ | 1800 | 1600 | 1600 | 1800 | 1600 | 1800 |
| V-belt drive ratio | | i = | direct drive | 2.24 | 1.25 | direct drive | 1.25 | direct drive |
| Compressor speed | min. | min ⁻¹ | s.a. | 3000 | 1000 | s.a. | 1000 | s.a. |
| | max. | min ⁻¹ | s.a. | 3600 | 2000 | s.a. | 2000 | s.a. |
| Power consumption | max. | kW | 39 | 38 | 48 | 49 | 64 | 72 |
| Dimensions | length l | mm | 600 | 730 | 815 | 600 | 835 | 700 |
| | width b1+b2 | mm | 768 + 296 | 805 + (255-365) variable | 810 + (270-380) variable | 768 + 296 | 745 + (300-350) variable | 737 + 324 |
| | height h | mm | 726 | 805 | 805 | 726 | 685 | 761 |
| Weight | | kg | 265 | 305 | 375 | 265 | 398 | 325 |

Medium: air, suction temperature: 20°C, suction pressure: 1 bar (abs.)

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