

GHH RAND®



CS580 & CS750 Lite

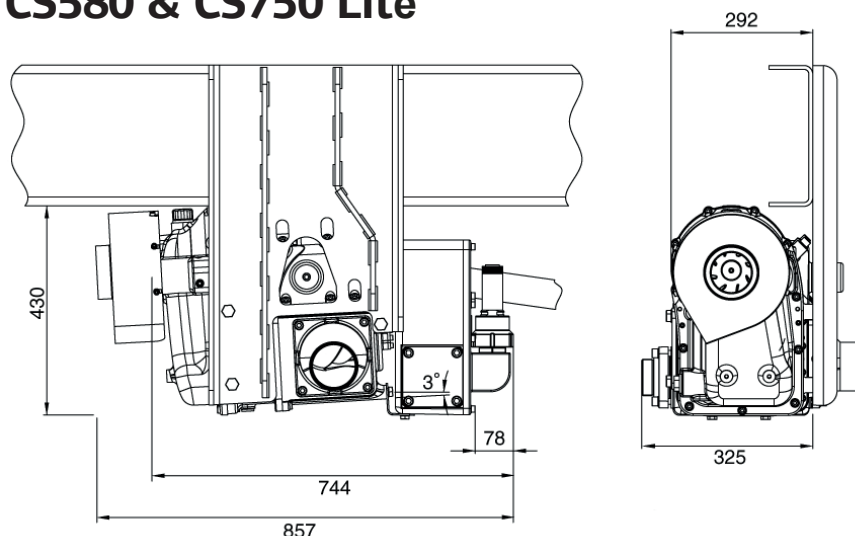
These two solutions expand the proven CS1200 concept. The CS580 (developed for dense phase conveying) and the CS750 (for medium to lean phase like granules) extend the **within-chassis family** enabling the fitment of discharge equipment into all major European trucks including those with restricted chassis space. The upper rear input drive shaft position guarantees ease of installation, low service and long life.



Highlights

- Next generation SILU® oil free screw compressor range from market leader GHH RAND.
- Simple low cost installation through a geometrically optimised airend.
- High reliability from proven design concept.
- Payload reduction resulting from Euro 6 regulations that add up to a 100kg to trucks: Our reduced weight helps compensating this!
- New technology discharge silencer.
- Optimised rotor profile offering low frequency and low noise operation.
- Safety friction coupling for gearbox protection.

CS580 & CS750 Lite



Technical data

Models	Unit	CS580 Lite		CS750 Lite	
Parameter		Min.	Max.	Min.	Max.
Suction volume compressor airend	m ³ /h	436	584	531	758
Input speed	min ⁻¹	1450	1800	1350	1800
Power consumption compressor airend	kW	31	40	36	49
Max. discharge pressure	bar(g)	2.5			
Weight compressor airend	kg	108 (without oil cooler) / 112 (with oil cooler)			
Total weight "Lite" package	kg	approx. 165			
Measurements "Lite" package	LxWxH cm	857/744* x 325 x 430**			

*Package with remote oil cooler; **Height up to bottom of truck chassis; Medium: air, suction temperature: 20°C, suction pressure: 1 bar (abs.)

Your advantages

- High reliability and long life supported by optimised drive shaft angle.
- Long life and easy starting after standstill due to corrosion-free rotors.
- Product safety: Food-grade coating of rotors in combination with Silol FG lubricant and absolute oil free compression of air thanks to patented sealing system.
- Integrated oil cooling distribution allowing continuous operation. Lubrication piping designed integral within airend reducing risk of external damage.
- External oil cooler as an option, further reduces the space required for airend installation.
- Additional chassis rail space available for tanks or other equipment.
- FEM-calculated steel bracket for safety and longevity.
- Flexibility of installation due to:
 - comprehensive kit of ancillary components including vehicle specific mounting brackets,
 - dual suction inlet ports,
 - option for close coupled hydraulic drive.



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