

Standard Solution

Oil-Free Compressed Air for the Pneumatic Conveyance of Bulk Powders

SILUtionizing®

The SILU® compressor machines in our “Standard Solution” range deliver oil-free 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.



versatility

- 290 to 1000 m³/hr airflow enabling a wide variety of product discharge
- volume flow can be adjusted for product conveyed
- hot air discharge cooling with temperature regulation available as option
- options of v-belt ratios
- option of directions of rotation

low noise

- silencing at the inlet and discharge side of the compressor
- CS 1050 IC already achieves noise emission regulations for 2006 (in terms of EU guideline 2000/14/EG)

long life

- corrosion-free rotors on the CS 1050
- highly durable mounting frame
- PTO and gearbox protection with use of v-belt drive

reduced cost installation

- bolt on chassis (BOC) on the CS1050 – no fabrication necessary
- clear instrumentation showing air filter condition, oil pressure and discharge air temperature* (*IC version only)

Standard packages

CG 600

CG 600 IC

CS 700

CS 700 IC

CS 1050 IC

IC = hot air cooling system

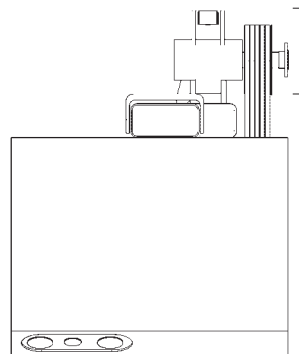
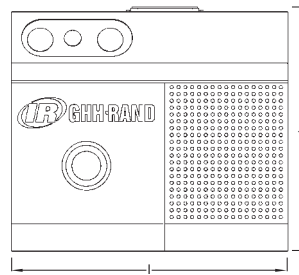


Technical data

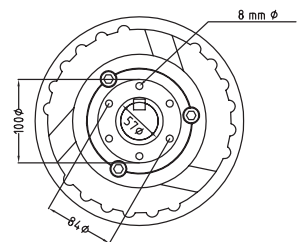
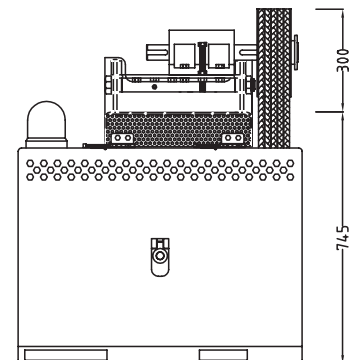
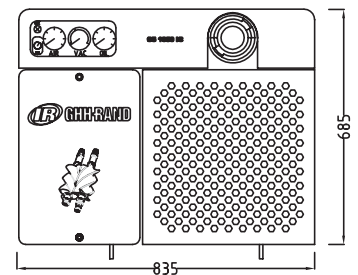
Scope of delivery:

- GHH-Rand oil free SILU® compressor
- corrosion-free rotors on the CS 1050
- inlet and discharge silencers
- inlet air filter
- robust and highly durable mounting frame
- v-belt drive
- oil pressure gauge
- filter condition gauge
- air non return and relief safety valve
- aesthetically pleasing console cover
- discharge air temperature gauge for IC packages
- hot air cooling system (optional)

CG 600/CS 700



CS 1050 IC



DIN Flansch
100mm ϕ / 6 Loch / 8mm ϕ

			CG 600	CG 600 IC	CS 700	CS 700 IC	CS 1050 IC
Medium			atmosph. air*	atmosph. air*	atmosph. air*	atmosph. air*	atmosph. air*
Compressor suction volume stream (at 2,0 bar(g))	min.	m ³ /hr	440	440	290	290	435
	max.	m ³ /hr	560	560	720	720	1000
Package input speed (standard execution)	min.	rev/min.	1340	1340	800	800	800
	max.	rev/min.	1600	1600	1600	1600	1600
V-belt drive ratio	i =		2,24	2,24	1,25	1,25	1,25
Compressor speed	min.	rev/min.	3000	3000	1000	1000	1000
	max.	rev/min.	3600	3600	2000	2000	2000
Absorbed power at compressor shaft	max.	kW	38	38	48	48	64
Dimensions	length l	mm	695	730	810	815	835
	width b1 + b2	mm	715	805	764	810	745
				+ (255-365) variable	+ (255-365) variable	+ (270-380) variable	+ (270-380) variable
	height h	mm	685	805	700	805	685
Weight		kg	275	305	335	365	378

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