

Light Solution

Reduced weight package

A derivative of the standard solution is a lesser specification package called the “light solution” giving reduced capital cost and an ongoing weight saving, but containing the same screw compressor options and high standards.



versatility

- 290 to 1000 m³/hr airflow enabling a wide variety of product discharge
- volume flow can be adjusted for product conveyed
- option of directions of rotation

long life

- corrosion-free rotors on the CS 1050
- highly durable mounting frame
- PTO and gearbox protection with use of v-belt drive
- reduced fuel costs and low noise levels permissible with optimized belt ratios
- convenient instrumentation with maintenance display for air filters and oil manometers

reduced cost installation

- bolt on chassis (BOC) on the CS1050 – no fabrication necessary
- clear instrumentation showing air filter condition and oil pressure

Light packages

CG 600 Light

CS 700 Light

CS 1050 Light

Technical data

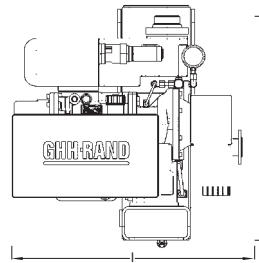
Options:

- cyclone filter with either standard sized element or extended life filter element

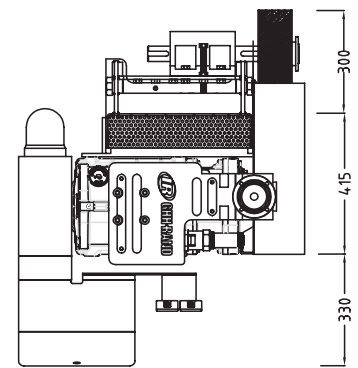
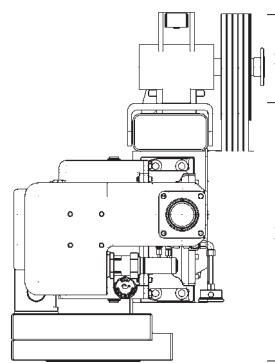
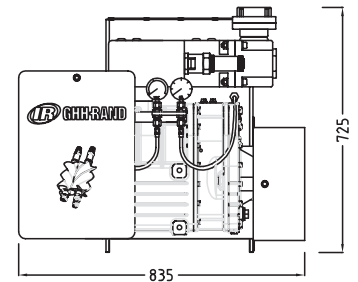
Scope of delivery:

- v-belt drive
- GHH-Rand oil free SILU® compressor
- discharge silencer
- inlet air filter (CS 1050 also includes inlet silencer)
- robust and highly durable mounting frame
- oil pressure gauge
- filter condition gauge
- air non return and relief safety valve

CG 600/CS 700 Light



CS 1050 Light



			CG 600 Light	CS 700 Light	CS 1050 Light
Medium			atmosph. air*	atmosph. air*	atmosph. air*
Compressor suction volume stream (at 2.0 bar(g))	min.	m ³ /hr	440	290	435
	max.	m ³ /hr	560	720	1000
Package input speed (standard execution)	min.	rev/min.	1340	800	800
	max.	rev/min.	1600	1600	1600
V-belt drive ratio	i =		2,24	1,25	1,25
Compressor speed	min.	rev/min.	3000	1000	1000
	max.	rev/min.	3600	2000	2000
Absorbed power at compressor shaft	max.	kW	38	48	64
Dimensions	length l	mm	650	770	835
	width b1 + b2	mm	650 + (255-365) variable	650 + (270-380) variable	745 + (300-350) variable
	height h	mm	685	665	725
Weight		kg	205	230	298

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