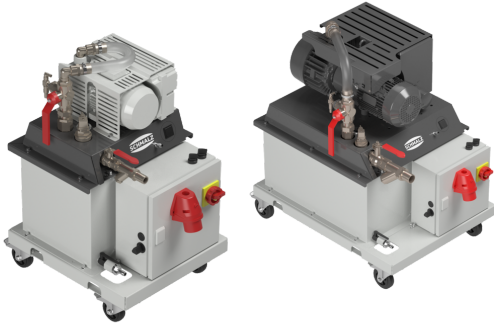
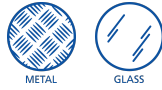
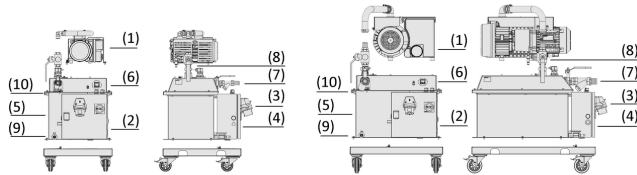


Vacuum Units VH-OG LS

Suction rate 10, 21, 40, 63 and 100 m³/h



Vacuum Units VH-OG LS



System design Vacuum Units VH-OG LS



Suitability for industry specific applications

Application

- Flexible use on CNC machining centers for metal and plastic processing using cooling lubricant
- Mobile vacuum unit with oil-lubricated vacuum pump and reservoir
- Separation of cooling lubricant and rapid draining with compressed air
- Audible and visual system monitoring via LED rotating light
- Intelligent control with optional interface to the CNC control

Design

- Oil-lubricated vacuum pump (1) and control (2) with main switch, CEE plug connector (3) and potential-free contact (4) with release signal
- Mobile reservoir (5) with integrated fill level monitoring and digital vacuum switch (6)
- Vacuum connection incl. solids filter (7) to prevent dirt from entering the reservoir
- Compressed air connection incl. pressure-reduction valve (8) for quick draining of the liquid reservoir via the drain valve (9)
- LED rotating light (10) as visual process light

Product highlights

- Maximum clamping force thanks to powerful vacuum pump with up to 98 % vacuum
- Activatable energy-saving function enables potential savings of over 50 %
- Quick emptying of the reservoir thanks to compressed air
- Maximum safety thanks to vacuum and fill level monitoring, including visualization via LED rotating beacon light and signal tone. Additional overflow protection protects the pump from damage
- Prepared interface for signal exchange with higher-level machine control

Vacuum Units VH-OG LS

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Designation code Vacuum Units VH-OG LS

VH-OG LS	–	10	–	30	–	MD
1		2		3		4

1 – Abbreviated designation

Code	Version
VH-OG LS	VH-OG LS

2 – Performance class

Code	Suction rate in m ³ /h
10...100	10 to 100

3 – Reservoir

Code	Volume in l
30...100	30 to 100

4 – Product addition

Code	Type
MD	Manual emptying

The vacuum unit VH-OG LS is delivered as a ready-to-connect product.

- Available spare parts : vacuum switch, oil, wear parts kit for vacuum pump, vacuum pump, filter
- Available accessories: vacuum hose

Ordering data Vacuum Units VH-OG LS

Type	Part no.
VH-OG LS 10 30 MD	10.01.55.00025
VH-OG LS 21 30 MD	10.01.55.00026
VH-OG LS 40 50 MD	10.01.55.00027
VH-OG LS 63 100 MD	10.01.55.00028
VH-OG LS 100 100 MD	10.01.55.00029

Ordering data Spare parts Vacuum Units VH-OG LS

Spare parts	Caster	Vacuum pump	Oil	Vacuum/ pressure switch cube shape	Assembly set	Filter (inst)	Sieve insert	Proximity switch	Pressure- reduction valve
VH-OG LS 10 30 MD	20.14.04.00076	10.03.02.00111	27.02.01.00055	10.06.02.00883	10.06.02.00863	10.01.27.01854	10.01.27.01862	10.01.27.02163	10.07.11.00033
VH-OG LS 21 30 MD	20.14.04.00076	10.03.02.00112	27.02.01.00055	10.06.02.00883	10.06.02.00863	10.01.27.01854	10.01.27.01862	10.01.27.02163	10.07.11.00033
VH-OG LS 40 50 MD	20.14.04.00076	10.03.02.00026	27.02.01.00055	10.06.02.00883	10.06.02.00863	10.01.27.01620	10.01.27.01621	10.01.27.02163	10.07.11.00033
VH-OG LS 63 100 MD	20.14.04.00076	10.03.02.00027	27.02.01.00055	10.06.02.00883	10.06.02.00863	10.01.27.01620	10.01.27.01621	10.01.27.02163	10.07.11.00033
VH-OG LS 100 100 MD	20.14.04.00076	10.03.02.00028	27.02.01.00055	10.06.02.00883	10.06.02.00863	10.01.27.01620	10.01.27.01621	10.01.27.02163	10.07.11.00033

Type	Set of parts subject to wear pump
VH-OG LS 10 30 MD	10.03.02.00114
VH-OG LS 21 30 MD	10.03.02.00115
VH-OG LS 40 50 MD	10.03.02.00060
VH-OG LS 63 100 MD	10.03.02.00055
VH-OG LS 100 100 MD	10.03.02.00055

Vacuum Units VH-OG LS

Suction rate 10, 21, 40, 63 and 100 m³/h

Ordering data Accessories Vacuum Units VH-OG LS

Type	Vacuum hose (meter)	Accessories
VH-OG LS 10 30 MD	10.07.09.00016	-
VH-OG LS 21 30 MD	10.07.09.00016	-
VH-OG LS 40 50 MD	10.07.09.00041	22.09.03.00038
VH-OG LS 63 100 MD	10.07.09.00041	22.09.03.00038
VH-OG LS 100 100 MD	10.07.09.00041	22.09.03.00038

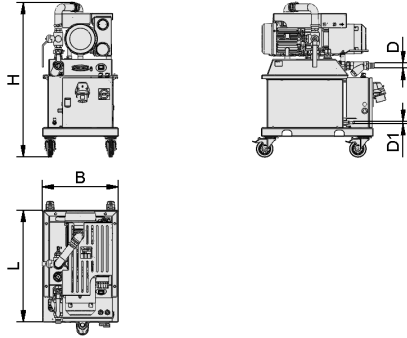
Technical data Vacuum Units VH-OG LS

Type	Suction rate (max.) [m³/h]	Reservoir volume [l]	Max. vacuum [mbar]	Voltage at 50 Hz	Voltage at 60 Hz	with	Operation mode	Additional function	Function
VH-OG LS 10 30 MD	10	30	-980	D230 V / Y400 V ±10 %	D265 V / Y460 V ±10 %	Filter	electronic air-saving function	Vacuum switch digital	Manual emptying
VH-OG LS 21 30 MD	21	30	-980	D230 V / Y400 V ±10 %	D265 V / Y460 V ±10 %	Filter	electronic air-saving function	Vacuum switch digital	Manual emptying
VH-OG LS 40 50 MD	40	50	-980	D230 V / Y400 V ±10 %	-	Filter	electronic air-saving function	Vacuum switch digital	Manual emptying
VH-OG LS 63 100 MD	63	100	-980	D230 V / Y400 V ±10 %	-	Filter	electronic air-saving function	Vacuum switch digital	Manual emptying
VH-OG LS 100 100 MD	100	100	-980	D230 V / Y400 V ±10 %	-	Filter	electronic air-saving function	Vacuum switch digital	Manual emptying

Vacuum Units VH-OG LS

Suction rate 10, 21, 40, 63 and 100 m³/h

Design data Vacuum Units VH-OG LS



VH-OG LS

Vacuum Units VH-OG LS

Suction rate 10, 21, 40, 63 and 100 m³/h

Design data Vacuum Units VH-OG LS

Type	B [mm]	D [mm]	H [mm]	L [mm]
VH-OG LS 10 30 MD	457	13	796	521
VH-OG LS 21 30 MD	457	13	796	521
VH-OG LS 40 50 MD	457	25	929	673
VH-OG LS 63 100 MD	617	25	957	823
VH-OG LS 100 100 MD	617	38	959	823