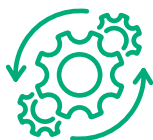


VacuStar BL 2800

Tri-lobe blower for liquid waste handling & hydro excavation

CVS develops specialized tri-lobe blowers and vacuum systems engineered for liquid waste handling and hydro excavation, ensuring that close collaboration with OEMs results in payload-optimized solutions for professional vacuum trucks.

Features



High-performance tri-lobe blower

Designed for demanding vacuum applications such as liquid waste handling and hydro excavation, the VacuStar BL 2800 delivers reliable and stable airflow performance.



Premium and robust design

The extremely robust construction ensures long service life and high operating hours – even under harsh working conditions.



Compact and lightweight

The compact blower design allows easy integration into vacuum trucks and contributes to reduced installation space and optimized vehicle payload.

Tri-lobe blower technology: The VacuStar BL 2800 allows substantial sustainability gains versus other pump principles and delivers a maximum volume at free air flow - 2,795 m³/h.

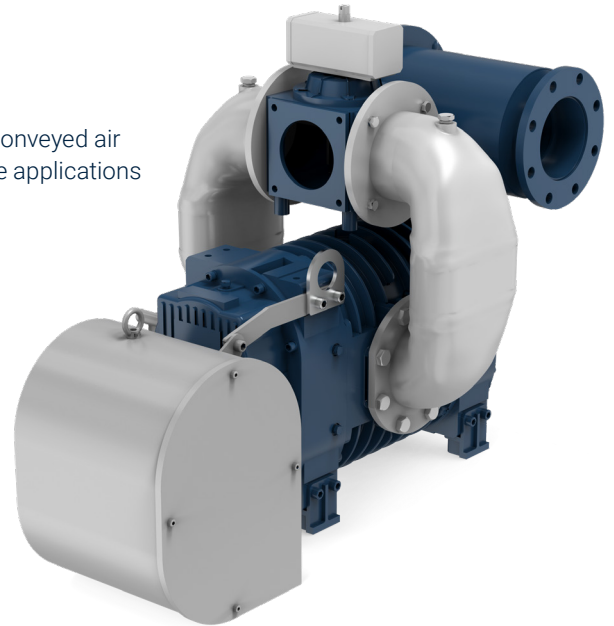


Advantages

- **Environmental friendly oil free operation** – no oil contamination of the conveyed air
- **Sustainable water free operation** – suitable for dry vacuum and pressure applications
- **High uptime performance** across the complete operating range
- **Extremely robust construction** for demanding field use
- **Compact size** for easy installation and flexible vehicle integration
- **Neighborhood acceptance with low noise design** for effective noise reduction and long service life

Features & Equipment (optional configuration)

- Aluminium exhaust silencer
- Inlet & exhaust filter
- Four-way and safety valves
- Available as complete blower package or as a bare shaft unit
- Designed for continuous operation



Technical data		
	Unit	VacuStar BL 2800
Max. suction volume flow	m³/h (cfm)	2815 (1656)
Max. operating pressure	bar g (psig)	1 (15)
Max. operating vacuum with cell aeration	mbar (inHg)	70 (28)
Nominal speed	1/min (rpm)	1,650 - 2,900
Power requirement at 0.5 bar g / 7.25 psig	kW (hp)	~53 (72.1)
Sound pressure level in 7 m distance, at 0.5 bar g / 7.25 psig	dB(A)	~78
Weight incl. changeover four-way valve / silenserx2/pipe	kg (lb)	~365 (811)
Bare pump	kg (lb)	~318(707)

Pumping Speed

