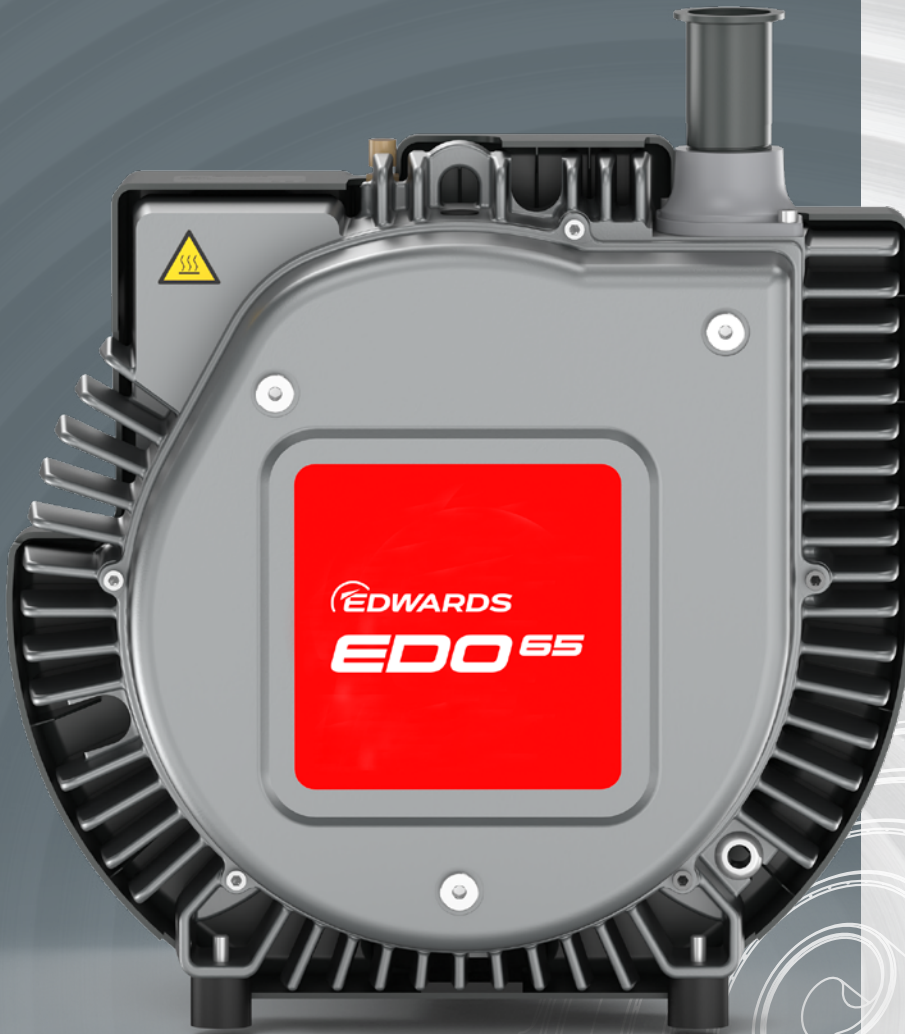


EDO DRY SCROLL VACUUM PUMP

EDO65-100

 **EDWARDS**



EDWARDS THE PARTNER OF CHOICE

Edwards is a world leader in the design, technology and manufacture of vacuum pumps for industrial applications with over 100 years' history.

We believe in delivering results that bring value to our customers by using our breadth of industry experience to identify and apply solutions. Using the most innovative and up-to-date modelling techniques, we can optimise the pumping configuration for customers to provide a system design giving the maximum performance in the most reliable and cost-effective way.

INDUSTRIAL DRY SCROLL VACUUM PUMPS

Edwards vacuum has led the technological advancement of dry vacuum pumps for more than 30 years. With close to 100,000 dry scroll vacuum pumps sold till date, our latest innovation in the dry vacuum pump technology is the new industrial dry scroll vacuum pumps named EDO. With lower ultimate vacuum and improved roughing performance in the higher pressure region, this pump is suitable for all rough and medium vacuum applications.



Reliable and flexible

Process protection: Inlet non-return valve prevents back contamination. Integrated inlet filter protects the scroll mechanism against particle ingress.

Robust: Made with high quality precision engineered parts offering extended life time.



Simplicity

Environmentally friendly: There is no need to worry about oil disposal. No additional oil filter and oil mist filter required as it's a dry pump. The internals are easy to clean, so easy to service.



Optimised design

Compact: Our patented anti-rotation mechanism reduces stress at critical points supporting long running life time. This replaces the usual bellows, pins and cranks making the pump more compact.

Higher pumping speed: The dual inlet stage increases the gas throughput.

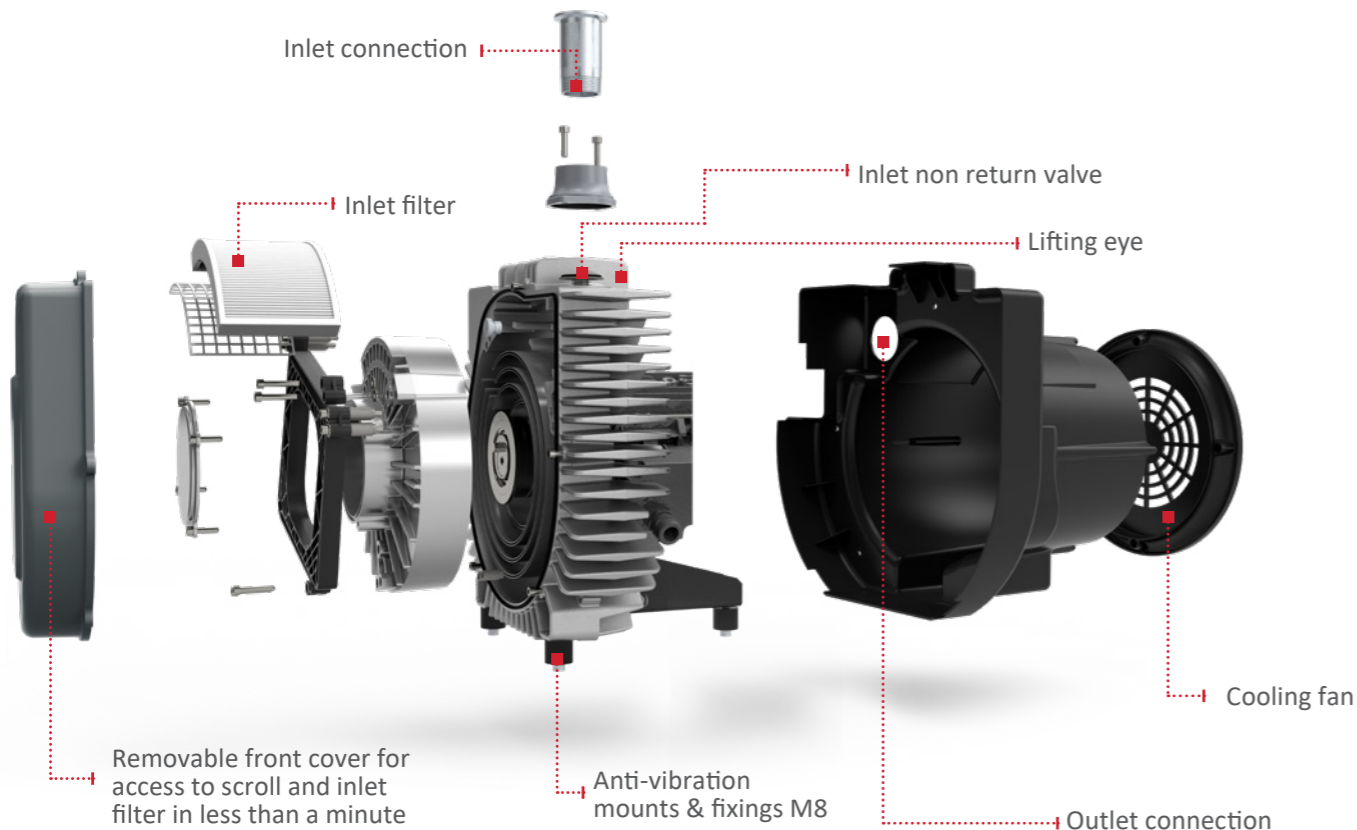


EDO65-100 EDWARDS INDUSTRIAL DRY SCROLL VACUUM PUMP

Compact dry scroll vacuum pumps with latest orbiting scroll technology that are reliable, clean, modular and energy efficient.

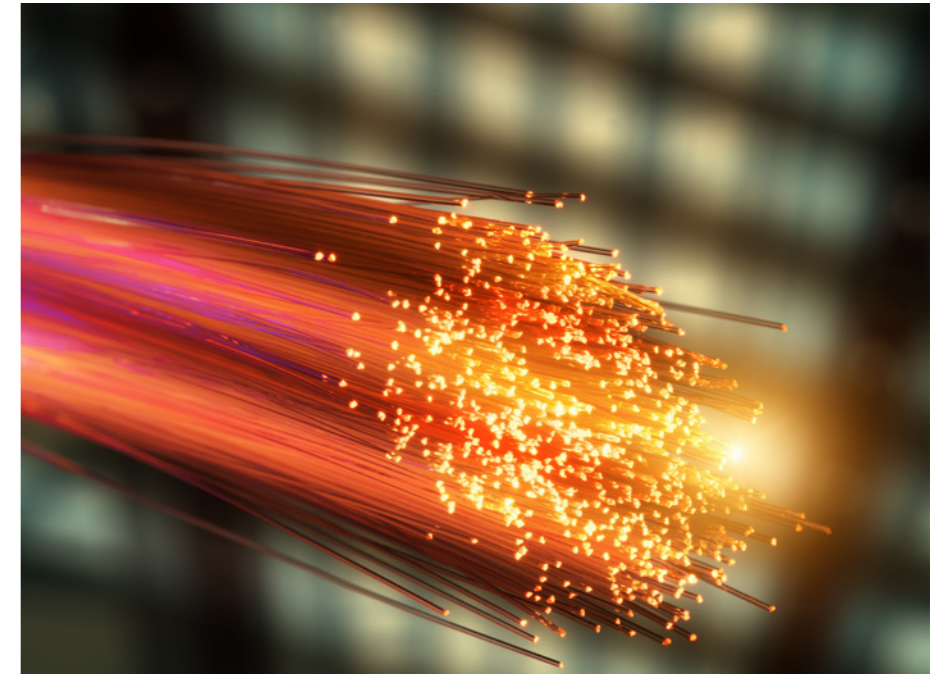


- 100% oil-free
- Much lower ultimate pressure than standard dry rough vacuum pumps with claw or vane technology (1.5 mbar)
- Full aluminum design providing corrosion resistance
- Extended service intervals (up to 8,000 hours or 2 years)
- Operation possible at all pressures
- Simple and easy to maintain
- Inlet non-return valve
- Integrated gas ballast
- Two blow-off valves that reduce power consumption compare to oil sealed rotary pumps



APPLICATIONS

- Pick and place
- PCB manufacturing
- Optical fibre
- Rubber vulcanisation
- Forming and shaping
- Holding and lifting
- Electronics testing
- Inhalers testing
- Vacuum degassing

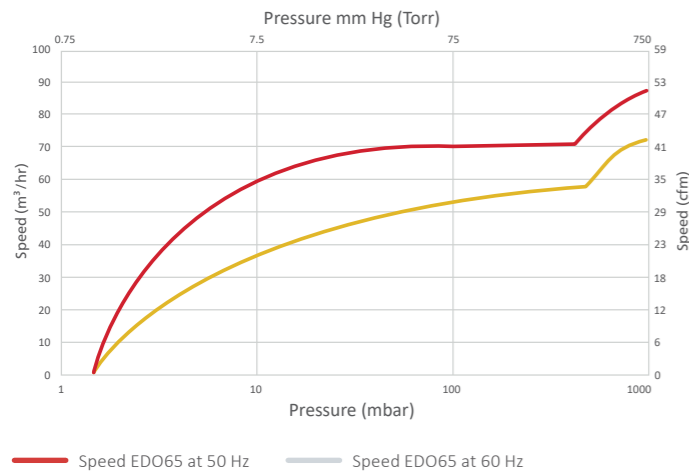


TECHNICAL SPECIFICATIONS

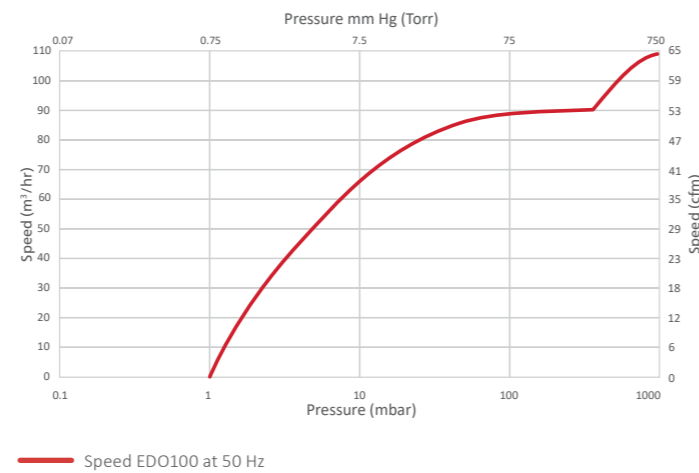
	Max pumping speed	Ultimate vacuum level	Nominal motor power	Inlet/Outlet	Length	Width	Height
	m ³ /h / ACFM	mbar / torr	kW / hp	Inch	mm	mm	mm
EDO65	65 m ³ /h @ 50Hz	≤ 1.5mbar / 1.13 torr	1.5 kW / 2 HP	NW 40	446	447	435
	80 m ³ /h @ 60Hz						
EDO100	100 m ³ /h @ 50Hz	≤ 1.5mbar / 1.13 torr	2.2 kW @ 50Hz	NW 40	446	447	435

PERFORMANCE CURVES

EDO65



EDO100



ORDERING INFORMATION

Part number	Product description
A50871957	EDO65 380V 50Hz
A50871958	EDO65 230V / 400V 50Hz & 460V 60Hz
A50871959	EDO65 200V 50Hz & 208V / 230V / 380V 60Hz
A50871960	EDO65 500V 50Hz & 575V 60Hz
A50871954	EDO100 230V / 400V 50Hz
A50871955	EDO100 200V 50Hz
A50871956	EDO100 380V 50Hz
A50871961	EDO100 230V / 380V 60Hz
A50871962	EDO100 460V 60Hz

ACCESSORIES

A50871100	EDO Exhaust silencer kit
A50871101	EDO INLET / OUTLET CONNECTION KIT NPT

SERVICE AND SUPPORT

To ensure your EDO pump maintains optimal performance and reliability, we propose a wide range of service solutions tailored to meet your needs. However, EDO has an excellent serviceability. To save time and money, we recommend that you service your pump using the original spare kits we offer. It is quick, easy and safe; visit our YouTube channel to find out more. In case of difficulties our professional and trained Field Service Engineers are always available to provide the appropriate service.

Selecting original spare parts, kits and grease, means that every critical part performs as intended and ensures you receive the best result from each and every service. Form, fit and function are guaranteed.



NOTES



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