

Introduction

Dry Pump

service solutions
from **EDWARDS**

Welcome

Your uptime is extremely important, and the reliability of your vacuum pump is crucial in achieving this. To ensure your pump remains reliable throughout its operating life, a solid maintenance regime is required to ensure that it delivers the performance you need, when you need it. Depending on your vacuum application, the required intensity of the service events can be very different. Our ability to service your pump, and return it to a 'factory new' standard will give significant benefits in its durability and reliability. However we also recognise that not every process is the same, and often, more economic, focussed and sustainable solutions are required. Where sometimes a full rebuild is necessary, at other times a simple cleaning solution will be enough to ensure reliability, whilst keeping your total cost of ownership to a minimum.

Introducing Choices service solutions

At Edwards we have serviced hundreds of thousands of vacuum pumps and understand both how they are manufactured and applied. Based on this experience, we have developed a suite of tailored service products which allow you to choose the level of service that is required for your process. By choosing the service that you need, you can be sure that you get the reliability you are after, whilst keeping the cost of ownership of your pump down to a minimum.

- ¹ReNew** Market leading service solution: eliminating risk when your process security is critical
- ²ReStore** Our benchmark service solution: driving your total cost of ownership down
- ³ReClaim** A great value service solution: cost effective and sustainable
- ⁴ReFresh** Our basic service solution: low cost with no compromise on quality or safety

The Choices programme has been developed with the needs of our customers in mind, providing the flexibility to optimise the balance of performance, reliability, durability and cost, by leveraging Edwards' expertise with the pumps we design, manufacture and service.

All Edwards service operations are conducted at the highest international standards in accordance with ISO9001 (Quality), ISO14001 (Environmental), and OHSAS18001 (Workplace safety).

Tailored service products which allow you to choose the level of service that is required for your process



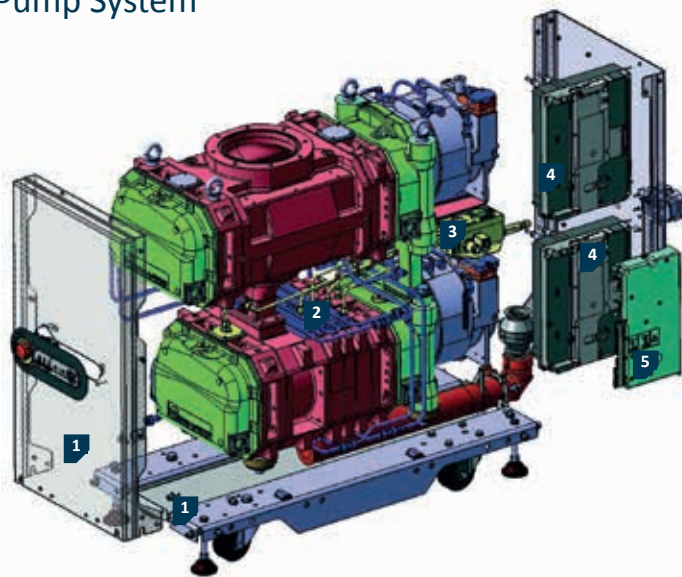
In Profile: GXS Screw

Introduction

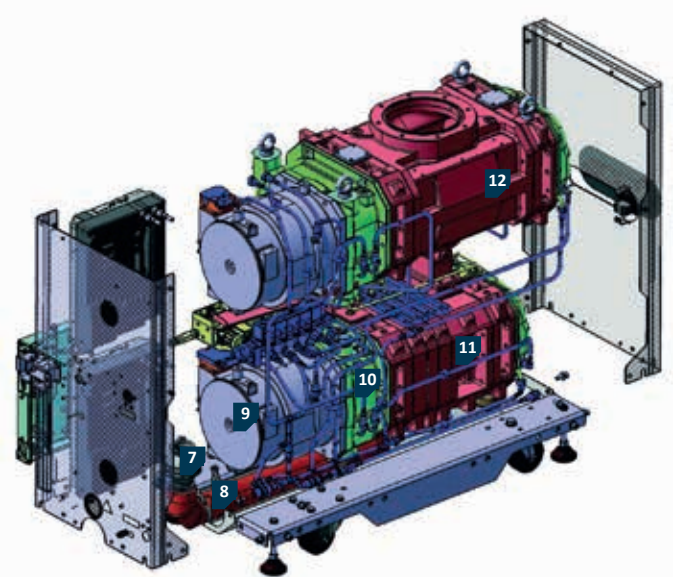
Scope of Supply	⁴ ReFresh	³ ReClaim	² ReStore	¹ ReNew
O-Rings, Gaskets, Filters				
Bearings, Rotating Seals, PFPE fluid				
Pump Vacuum Chamber, Pump/Booster Gears				
Booster Vacuum Chamber, Gearbox/End Covers				
Exhaust, Thermal Management Jackets				
Purge Gas System, Cooling Water System		○	○	○
Motor Drive, Power Module, Control Module		\$	\$	
Motors		\$	\$	
Panels & Frames				
Replace Control, Power, Water or Gas System	Option	Option	Option	Option

Key - Description	
	Replace using new parts
○	Overhaul using new parts
	Inspect and if worn replace using new parts
○	Inspect and if worn overhaul using new parts
\$	Inspect and if worn replace using new parts at extra charge
	Inspect and if worn replace using reclaimed or new parts
	Clean and reuse
Option	Optional replacement using new parts at extra charge

Elements of a Vacuum Pump System



- 1** Panels and Frames
- 2** Cooling Water System
- 3** Purge Gas System
- 4** Motor Drive/Power Module
- 5** Control Module
- 6** Basic Parts (O rings, gaskets, filters, bearings, rotating seals, PFPE fluid)



- 7** Check Valve
- 8** Exhaust and TMS Heater Jacket
- 9** Motor
- 10** Gearbox and Endcovers
- 11** Pump Vacuum Chamber
- 12** Booster Vacuum Chamber

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