

The classic TORNADO® T1 with its proven quality



For more than a decade we have been supplying the classic design NETZSCH TORNADO® T1 rotary lobe pumps. Their extensive use in applications in the Environmental and Energy, Chemical, Pulp and Paper and Oil and Gas sectors for flow rates up to 1000 m³/h demonstrate their high performance. Pump size and specification are precisely tailored to suit the characteristics of the pumped media and the operating requirements. Three series with 12 models available provide for flow rates up to 1,000 m³/h at discharge pressures up to 6 bar for both intermittent and continuous operation. For higher discharge pressures customised solutions are available.

Your benefits

- GSS¹ technology for long term reliability
- Maintenance without the need to disconnect the inlet and outlet pipework
- Easy and quick access to the lobes and shaft seals
- Tolerance of running dry
- Short delivery times – all manufacturing 'in-house', large stock of components

¹ Gearbox Security System



Series TORNADO® XLB

Series TORNADO® XB

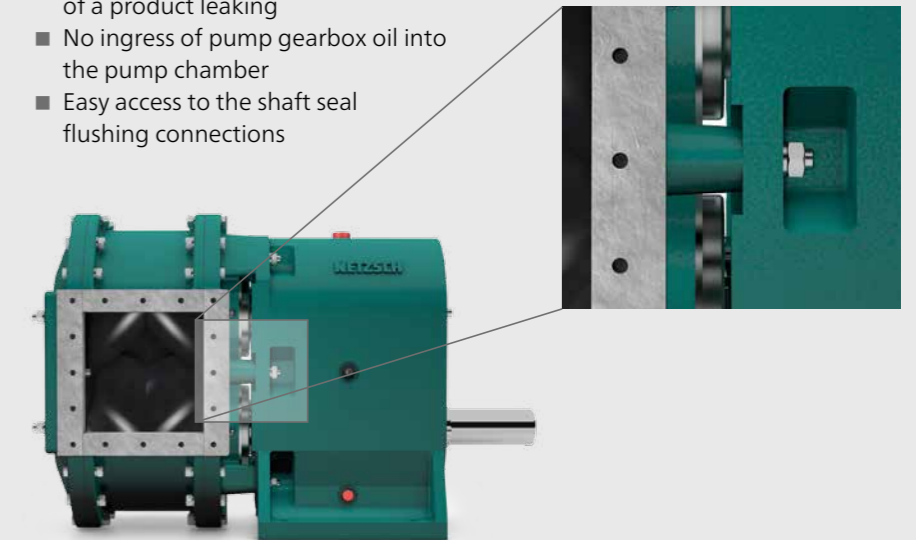
Series TORNADO® MB

NETZSCH GSS technology (GSS = Gearbox Security System) – Long-term reliability

The classic TORNADO® T1 rotary lobe pump is of optimal design for each application based on the knowledge and experience gained by NETZSCH over many decades of development, design, manufacture and supply of positive displacement pumps into all industries. This experience has founded the development of the NETZSCH GSS technology (Gearbox Security System), which significantly extends operational reliability by physically separating the pump chamber and gearbox.

Your benefits

- Extended operational reliability
- No ingress of the pumped media into the pump gearbox in the event of a product leaking
- No ingress of pump gearbox oil into the pump chamber
- Easy access to the shaft seal flushing connections



Seals are critical to satisfactory pump performance and the TORNADO® T1 is available with a range of highly engineered sealing solutions designed and selected to extend pump operating life.



Classic single acting seal



Single for buffer or quench for industrial applications



Special seal for demanding applications