

NETZSCH

TORNADO® Mobile

Flexible and mobile and without a plug



motralec

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The heart of your process. ■

Characteristics and Construction of the mobile TORNADO® flood protection pump



Universal Use

TORNADO® Industrial Rotary Lobe Pump mounted on a mobile two-wheel trailer, allows the pumping of large quantities of wastewater and sludge in different places. Depending on the application, various sizes of the TORNADO® Rotary Lobe Pumps can be trailer mounted. They are highly efficient and only require limited installation space which makes them especially suitable for emergency cases.

Wide Range of Applications

The TORNADO® Mobile Rotary Lobe Pumps are specifically designed for products with the following characteristics:

- capable of handling low to highly viscous and also abrasive fluids (1 mPas to 1 million mPas) without problems
- insensitive to solids contained in wastewater (completely free passage up to 70 mm) and dry running
- self-priming up to a maximum of 8 mwc for water and sludge
- other pump sizes with different flow rates and pressures are available

Large Range of Capacities and Pressures

- capacities up to 1000 m³/h
- pressures up to 6 bar

Alternative Rotating Elements

For specific applications different types of rotary lobes are available.

Additional Features

- bi-directional
- easy operation by integrated electronic motor control
- integrated tool box
- accessories such as pipes and tools are available on request



Pump Typ XLB-8/2

bi-directional, self priming rotary lobe pump, pulsation free helical lobes made from GG25 cast iron with NBR rubber coating with double bearings. Adjustable housings and replaceable front wear plates.

Diesel Drive

powerful Deutz 112 kW / 149 PS 4-cylinder diesel drive, 4-stroke direct injection engine, water cooler, fuel filter, air filter, injection pump, lubricating oil filter, oil pan, oil level dipstick, thermostat, cooling fan, 12 V starter. Motor housing ensures quiet operation, air filter, exhaust and silencer.

Connections

suction: 3 x DN 159 Perrot V Type. Discharge: 3 x DN 159 V Type (Storz A or other types of connections also possible). Side entry trailer with curtains, all pipes and fittings galvanised.

Trailer

completely hot dip galvanised, made from stable, torsionally rigid, structural steel, drive console with vibration dampener. Stable, hinged front support wheel, 4 trailer legs with hand crank. Towing bar with DIN standard towing hitch, suitable for lorries. Total weight 3400 kg.

Drive Accessories

optimised starting, adjustable speed control, ignition starter switch, error memory. Preset shut off time, re-settable hours run meter, total hours run meter.

Gear and Coupling

directly flanged gear reducer, 1:3 ratio reduction, with hand operated clutch.

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