

## NETZSCH highlights innovative NOTOS™ Multiple Screw Pumps

**NETZSCH Pumpen & Systeme GmbH announces its NOTOS™ line of multiple screw pumps are ideal for demanding pumping applications in the Oil & Gas, Marine, Power, and General Industrial markets. NETZSCH's Multiple Screw Pumps are designed to handle difficult media, including low to high lubricant fluids, and low to high viscosity, shear sensitive, or chemically aggressive media.**

NOTOS Multiple Screw Pumps are hydraulically balanced, delivering efficient pumping with very low axial force. The low-maintenance pumps offer quiet operation and continuous flow without pulsation or turbulence over a long service life. These pumps offer high suction power of up to 8 m.a.s.l. in a small footprint.

The two-screw pump operates with a drive screw transferring torque through a hydraulic film to the intermeshing driven screw, while the three-screw pump operates with a drive screw transferring torque through a hydraulic film to the two intermeshing driven screws. In both the two- and three-screw pumps, the screws are surrounded by a ferrous pump housing, and together, the screw geometry and housing form the pumping chamber. Rotation, screw diameter, and screw pitch define the pump's flow rate.

In the four-screw pump, two shafts with four screws rotate inside a cartridge, without any metal-to-metal contact. The torque is transferred to the driven shaft via helical or spur timing gears, with reduced vibration and noise. All pumps are available with various port configurations as top-top, side-top, or in-line.

*For more than 60 years, NETZSCH Pumps & Systems has served markets worldwide with NEMO® progressing cavity pumps, TORNADO® rotary lobe pumps, NOTOS® multi screw pumps, grinding machines, barrel emptying systems, dosing systems and accessories, providing customised, sophisticated solutions for applications in every type of industry. With a workforce of over 2,000 and a turnover of more than 240 million euros (2016 financial year), NETZSCH Pumps & Systems is the largest business unit with the highest turnover in the NETZSCH Group, alongside NETZSCH Analysing & Testing and NETZSCH Grinding & Dispersing.*

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**Photos:**

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	<p>Erwin Weber, Sales Director EMEA</p>

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