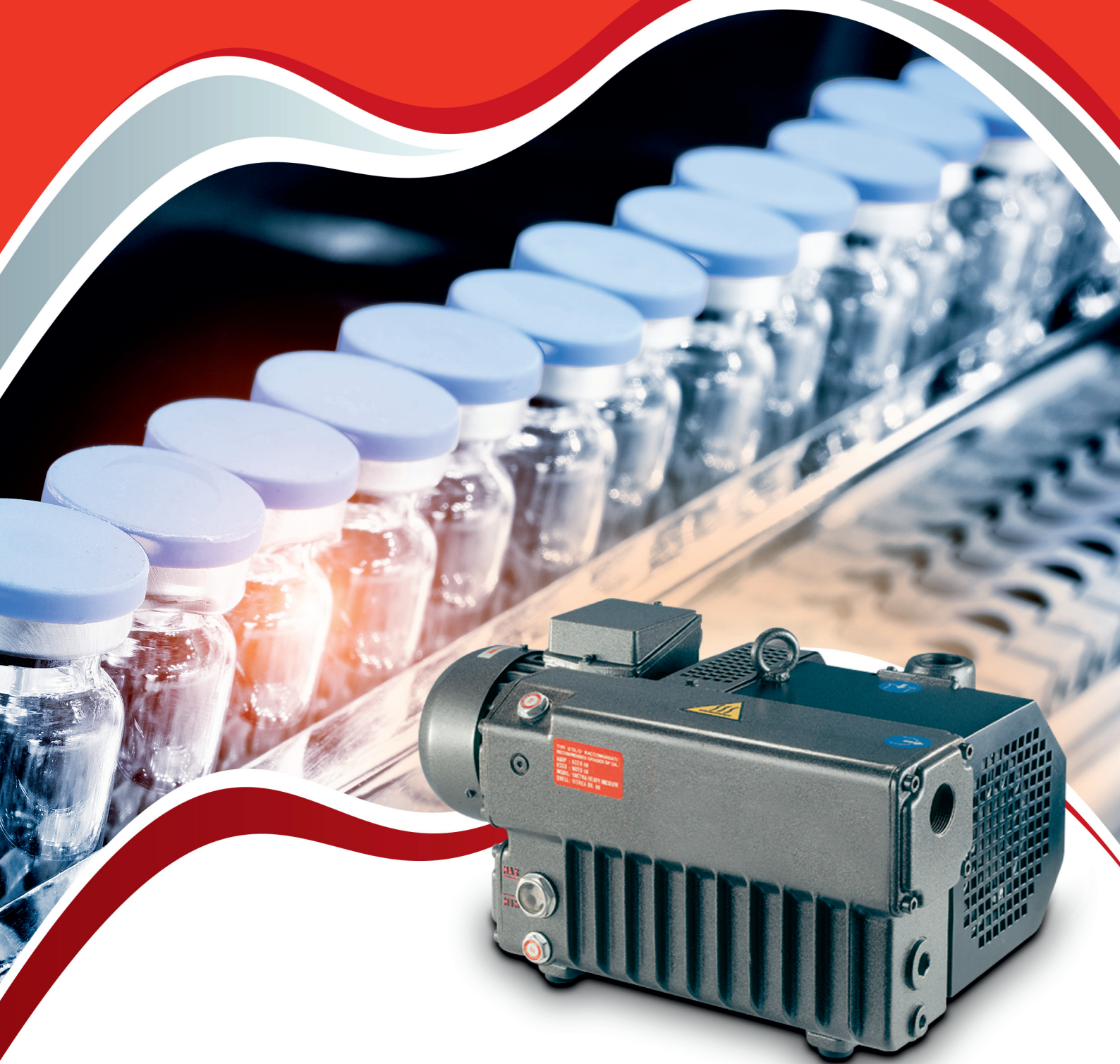




Oil Lubricated Vacuum Pumps

CE-Certified Reliability for Rough Vacuum
Applications Across Industries

Oil Lubricated Vacuum Pumps

Legacy of Excellence:

Toshniwal Vacuum began manufacturing vacuum pumps in the early 1960s. Decades of experience, continuous R&D, and advanced manufacturing practices have enabled us to deliver high-quality, reliable vacuum solutions tailored for industrial demands.

Product Overview:

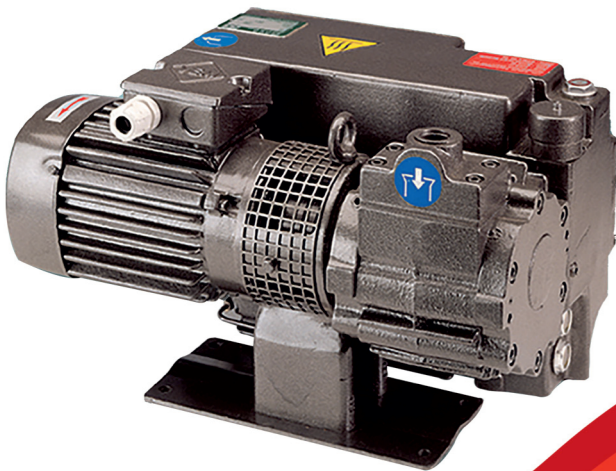
The TMS Series comprises single-stage, oil-lubricated rotary vane vacuum pumps equipped with an efficient oil recirculation system. Designed for continuous operation at high intake pressures, these pumps are ideal for a wide range of rough vacuum applications, including air suction in the presence of water vapor. The pumping capacity available are 17 m³/hr , 35 m³/hr , 65 m³/hr , 100 m³/hr , 150 m³/hr & 300 m³/hr .

Key Features:

- High pumping speed across a wide pressure range: 1000 mbar to 0.5 mbar
- Excellent water vapor tolerance
- Low noise operation
- Air-cooled design, no external cooling required
- Built-in Anti Suck-Back System to prevent reverse flow
- Environmentally safe, no pollution

Applications:

Ideal for continuous industrial use across sectors such as pharmaceuticals, healthcare, food processing, and general manufacturing, where consistent vacuum performance and durability are essential.

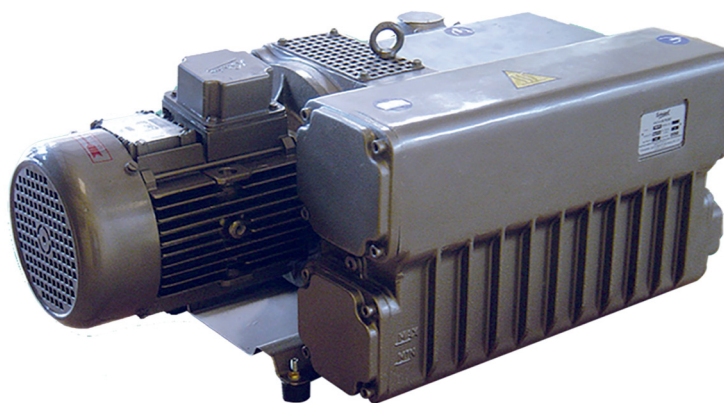


Oil Lubricated Vacuum Pumps

TECHNICAL DATA

		TMS 15	TMS 35	TMS 65	TMS 105	TMS 160	TMS 300
Nominal Capacity	m ³ /hr	17	35	65	107	146	300
Ultimate Pressure	mbar	0.5					
Operating Voltage		415V 50Hz 3Ø					
Motor Power	kW	0.55	0.75	1.5	2.2	3.75	5.5
Motor Speed	min-1	1400					
Oil Capacity	l	1	1.5	2	3	3	7
Water Vapour Tolerance	mbar	30					
Water Vapour Capacity	Kg/hr	0.250	0.5	1.4	2.2	3	5
Weight (with motor)	Kg	29	38	62	100	110	188

* Special B series oil lubricated pump for high pressure (rough vacuum) application upon request.



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ACCESSORIES

	TMS 15	TMS 35	TMS 65	TMS 105	TMS 160	TMS 300
Pressure Regulator	Range 670 - 1 mbar Size ½"	Range 670-1 mbar, Size ¾"	Range 670-1 mbar, Size 1"			
Inlet Suction Filter	Model F36 (Paper/S.S.Element)	Model F36 (Paper/S.S.Element)	Model F84 (Paper/S.S.Element)	Model F144 (Paper/S.S.Element)	Model F198 (Paper/S.S.Element)	Model F300 (Paper/S.S.Element)

Oil Lubricated Vacuum Pumps are used in all types of Vacuum application. They are particularly well suited for

- Vacuum Packaging, Bottling and Pick & Place
- Paper, Plastic, Rubber, Glass Processing
- Vacuum Distillation
- Heat Treatment
- Vacuum Impregnation and drying
- Oil Purification