

OIL LUBRICATED VACUUM PUMPS

Manufacture of “Toshniwal” vacuum pumps commenced in the early sixties. Our experience together with on going research and development and modern manufacturing methods, allow us to offer high quality and reliable products.

PRODUCT RANGE

The vacuum pumps of the TMS series are single stage, oil-lubricated rotary vane vacuum pumps with oil re-circulation system. The Lubricant system is rated for continuous operation at high intake pressures so that the pump may be used in a versatile manner in most rough vacuum applications. They are used for suction of air also in presence of water vapour and for continuous industrial use. TMS series pumps are made from high quality materials, has economical features which matches together to achieve

- High pumping speed over the range of absolute pressure 1000 mbar - 0.5 mbar
- High water vapour tolerance and low noise level
- No pollution
- Air cooled
- Built in anti suck-back system

The pumping capacity available are 17 m³/hr, 35 m³/hr, 65 m³/hr, 100 m³/hr, 150 m³/hr & 300 m³/hr.

**Toshniwal has
Solutions
for all your
Vacuum needs...**



TECHNICAL DATA

		TMS 15	TMS 35	TMS 65	TMS 105	TMS 160	TMS 300
Nominal capacity	m ³ /hr	17	35	65	100	150	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 / 7.5
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	83	109	188

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

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



Also available from TOSHNIWAL

- Oil immersed vacuum pumps • Roots pumps • Vacuum pumping systems • Vacuum impregnation plants
- Epoxy resin mixing & Casting plants • Vacuum de-hydration cum gas charging unit
- Centralised vacuum system • Ultra high vacuum pumps

For further details please contact:

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