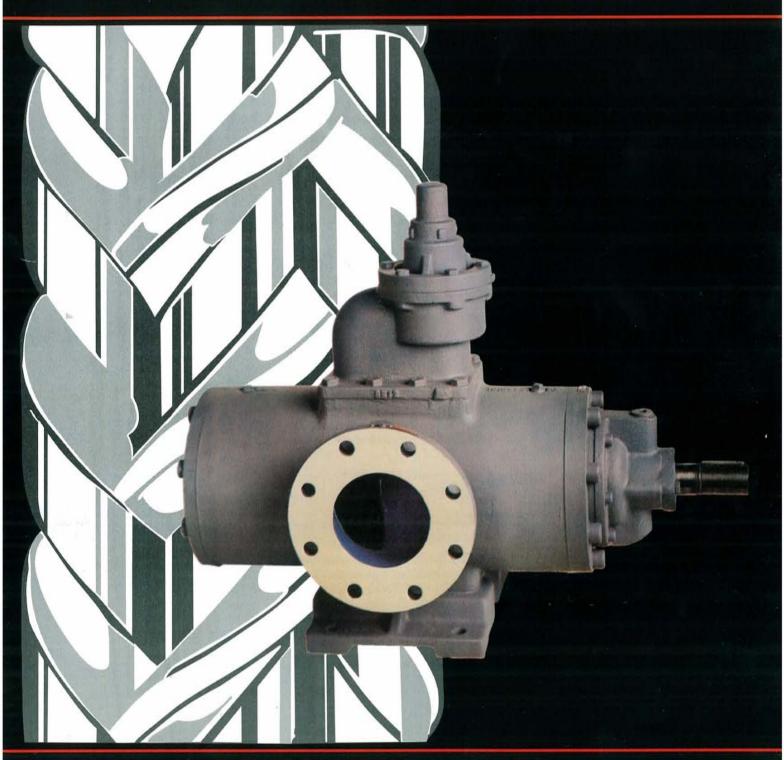
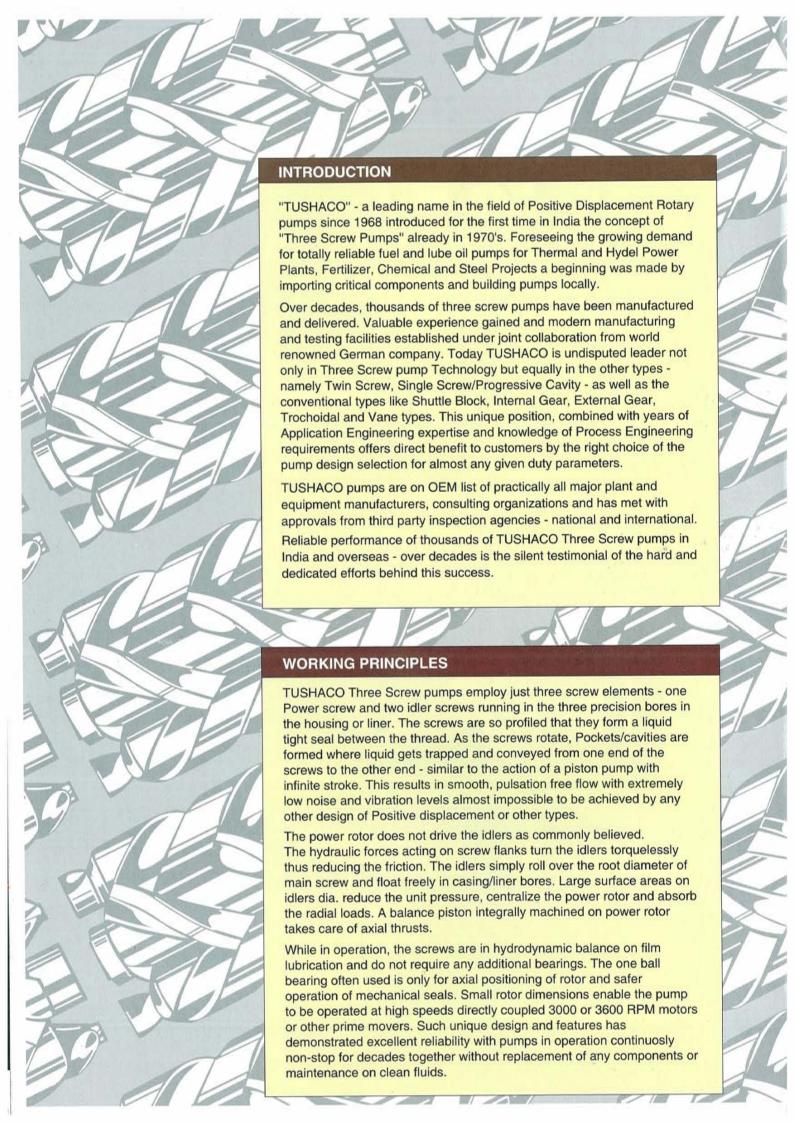


TUSHACO SERIES T3S



THREE SCREW PUMPS
FOR
POWER & INDUSTRY

RELIABLE PUMPING PARTNERS SINCE 1960



SALIENT FEATURES

- High reliability
- Long Service Life
- Negligible Maintenance
- High efficiency
- Self Priming
- · Smooth Pulsation free flow
- Low noise and vibrations
- · High speed capability
- · Insensitive to viscosities
- High pressure capability
- · Axial flow No churning, chewing or shearing
- Excellent suction capability
- Hydraulic balancing of forces eliminates need for any bearings.

TYPICAL APPLICATIONS

Fuel Oil Service

Fuel oil burner service for Thermal Power Plant / industrial Package Boilers, furnaces, Kilns and combustion systems.

Fuel transfer and booster dervice for Captive diesel /Gas Turbines Plants, and Industrial Combustion Systems, Fuel oil circulations and Centrifuge feeding. Tank farm tank to tank transfers.

Hydraulic Duties

Hydraulic Governing Service for water turbines, inlet Penstock valves.

Low and medium pressure hydraulic applications, High pressure jacking oil service for Rotor lifting for Turbines/Compressors/Alternators.

Lubricating Duty

Pressure Lubrication and cooling of bearings for Turbo machinery, Gear Boxes, Bearing Lubrication of Coal Mills, ID/FD Fans, Diesel Engines, Steel Rolling Mills, Air pre-heater guide bearings, Compressors.

Seal oil Service

Hydrogen cooled Generators, Gas and Refrigeration Compressors.

PERFORMANCE RANGE

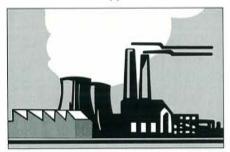
í	TYPES	CAPACITY LPM	PRESSURE Kg/Cm²	VISCOSITY RANGE cSt	TEMP ^O C
	T 3S FP	10~100	40	3~750	180
	T 3S L	20~500	16	3~750	180
1	T 3S N	20~2500	64	3~1500+	180*
a	T 3S M	20~2000	120	3~1000+	180*
	T 3S H	20~1000	250	3~1500	180

Figures given are indicative for range only considering speeds upto 2900 RPM.

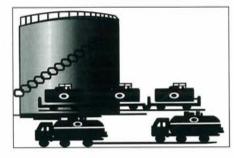
Three screw pumps can run to speeds upto 10000 RPM under special conditions.

- + Higher viscosities can be handled upto 50,000 cSt or more.
- * Higher temperature upto 250°C can be handled with special execution.

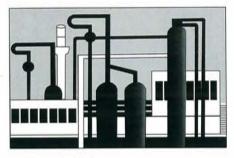
The main fields of application



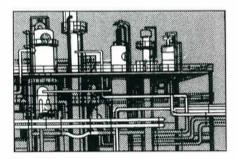
Power Plants



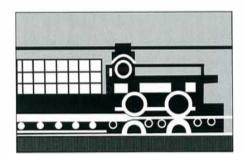
Oil Storage Installations



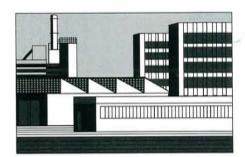
Petrochemical Industry



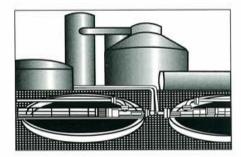
Refinery



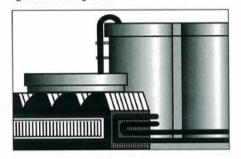
Heavy Machinery Engineering e.g. Steel Rolling Mills



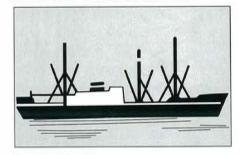
General Industrial Technics Machine Tool Engineering, Hydraulics



Sewage and Water Treatment



Food Industry



Ship Building

Other TUSHACO Designs of Rotary Pumps:

External Gear, Internal lobe (Trichoidal), Shuttle Block, Vane, Three screw, Twin screw, progressive cavity.

Performance proven positive pumping power!

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