



TR-TS SERIES™ BY WRIGHT FLOW TECHNOLOGIES
TWIN SCREW PUMP | HYGIENIC PRODUCT LINE



Complete Product Range:
 6 models to fulfill your needs from lab scale 1" size to 6" pumps.



Optional rectangular flange inlet

FEATURES & OPTIONS

- 100% stainless steel pump construction, 316L wet end components
- Single pump for both process conveyance and CIP simplifies equipment and reduces costs
- 100% CIP* at high speeds
- No contact between rotors and / or housing during high pressure duty
- Speeds up to 3,500 rpm (based on application)
- Ideal for achieving pulsation-free metered flow
- Product viscosity range of 1 to 1,000,000 cP
- 100% drainable
- Bidirectional flow and high suction enables recovery of residual product in pipework
- High suction capabilities eliminate low NPSH problems
- Narrow tolerances for vacuum capability
- Certified by EHEDG (n° UT 033018) and 3-A (n° 1805)
- Rectangular flange inlets available for further reduction of NPSHr and handling larger solids
- Available in other materials such as Hastelloy C-276 **

* Only available for mechanical seals

** In all the parts in contact with the product

PERFORMANCE

MODELS

Model	Maximum Capacity (GPM)		Maximum Capacity (LPM)		Port Size (Inches)	Maximum Differential Pressure	
	Process Flow Rate	CIP Flow Rate	Process Flow Rate	CIP Flow Rate		PSI	BAR
TR-TS 25	7 - 5	15	30	60	.5", .75", 1"	150	10
TR-TS 100	35	70	132	265	1.5", 2"	260	18
TR-TS 200	93	185	352	700	2", 2.5", 3"	360	25
TR-TS 300	223	405	844	1,533	3", 4"	360	25
TR-TS 350	399	642	1,510	2,430	3", 4", 6"	360	25
TR-TS 400	570	850	2,158	3,218	4", 6"	360	25



CAPACITY
 to 850 GPM
 (3,218 LPM)



PRESSURE
 to 360 PSI
 (25 BAR)



VISCOSITY
 to 1,000,000 cP



TEMPERATURE
 to +250°F
 (+120°C)

AVAILABLE SEALS



MECHANICAL SEAL

- Longest service life
- Cleaner (EHEDG Approved)
- Can work in vacuum up to -12 psi / 0.83 bar
- High pressure and speed management
- Ideal for abrasive products
- Single or double



O-RING SEAL

- Most economical option
- Fast replacement & easy maintenance
- Ideal for soft products (glycerin, creams, fats, etc.)
- EPDM and FKM



LIP SEAL

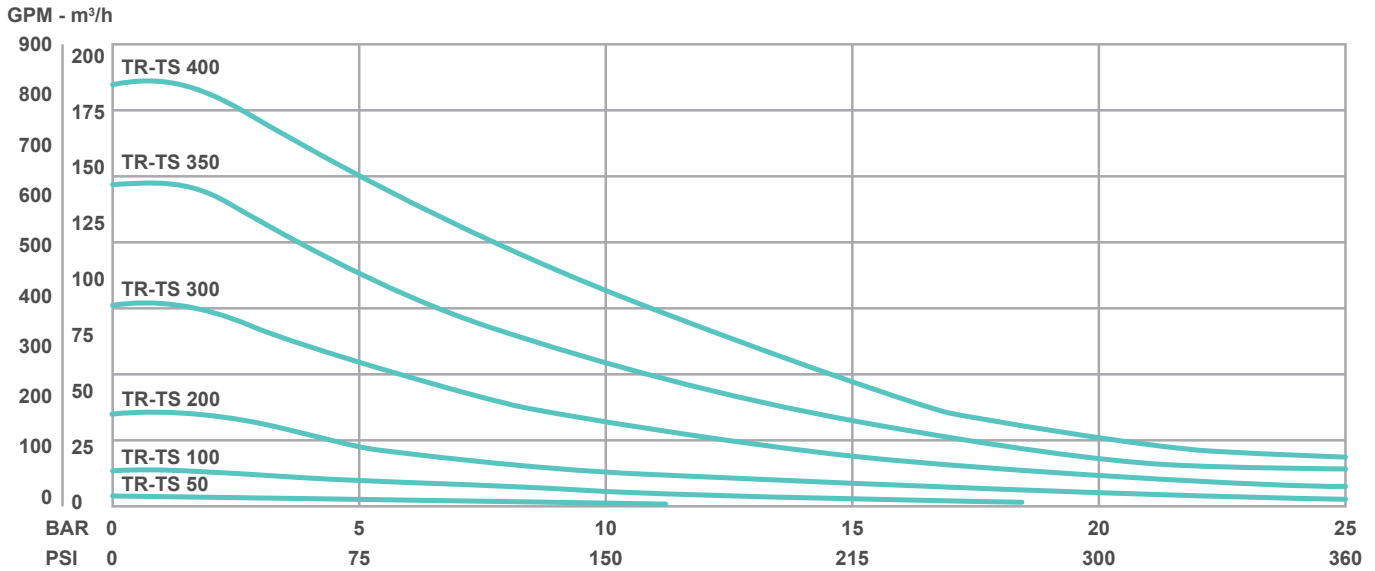
- Handles abrasive products
- Does not require lubrication / ideal for dry running

SCREW OPTIONS

Multiple screw options for solids handling:



PERFORMANCE CURVES



VIKING PUMP, INC.
 A Unit of IDEX Corporation
 406 State Street
 Cedar Falls, Iowa 50613 U.S.A.
vikingpump.com

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