TR-TS SERIES™
TWIN SCREW PRODUCT LINE

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 (nº UT 033018) and 3-A (nº 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

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAXIMUM CAPACITY (GPM)</th>
<th>MAXIMUM CAPACITY (LPM)</th>
<th>PORT SIZE (INCHES)</th>
<th>MAXIMUM DIFFERENTIAL PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>TR-TS 25</td>
<td>7 - 5</td>
<td>15</td>
<td>30</td>
<td>150</td>
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<tr>
<td>TR-TS 100</td>
<td>35</td>
<td>70</td>
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<td>TR-TS 200</td>
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<td>360</td>
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<td>642</td>
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<td>TR-TS 400</td>
<td>570</td>
<td>850</td>
<td>2,158</td>
<td>360</td>
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</tbody>
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Optional rectangular flange inlet

TR-TS SERIES™
Complete Product Range: 6 models to fulfill your needs from lab scale 1” size to 6” pumps.

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CAPACITY to 650 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

CONTACT YOUR STOCKING DISTRIBUTOR TODAY