



HIGH PRESSURE PITOT TUBE PUMPS

MODEL 2300

OIL LUBRICATED



MULTI-STAGE PERFORMANCE WITH THE COST ADVANTAGES, SIMPLICITY, AND RELIABILITY OF A SINGLE-STAGE PUMP

KEY FEATURES & BENEFITS OF THE ROTO-JET® 2300 PUMP

IMPROVED DESIGN

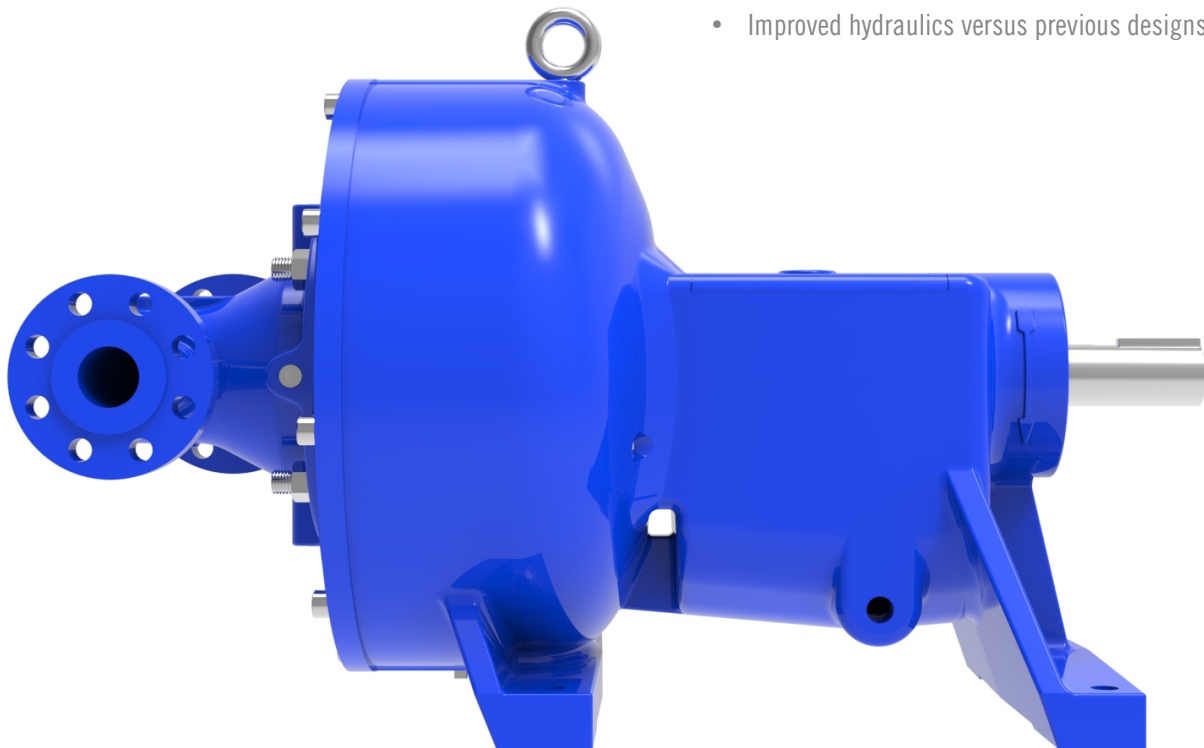
- **Flexible Installation:**
Interchangeable footprint between Roto-Jet® models 2100, 2200, 2300, & RG
- **Low Maintenance Cost:**
Simplified design means less maintenance

ENHANCED RELIABILITY

- **Seal Only Exposed to Suction Pressure:**
Improves overall seal life
- **Isolated Bearing Pedestal:**
Minimizes risk of bearing contamination

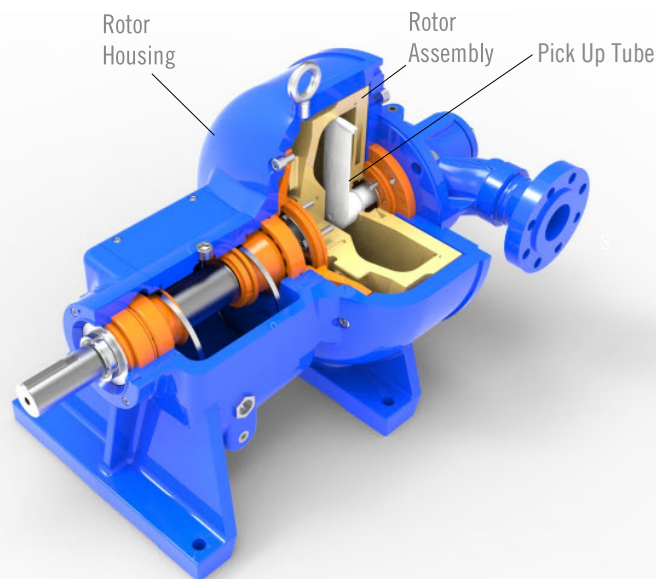
UNMATCHED PERFORMANCE

- Built to perform in multi-pump systems including parallel operations
- Broad range of speed, flow, and pressure capabilities
- Hydraulically stable along the entire performance curve and beyond BEP
- Improved hydraulics versus previous designs

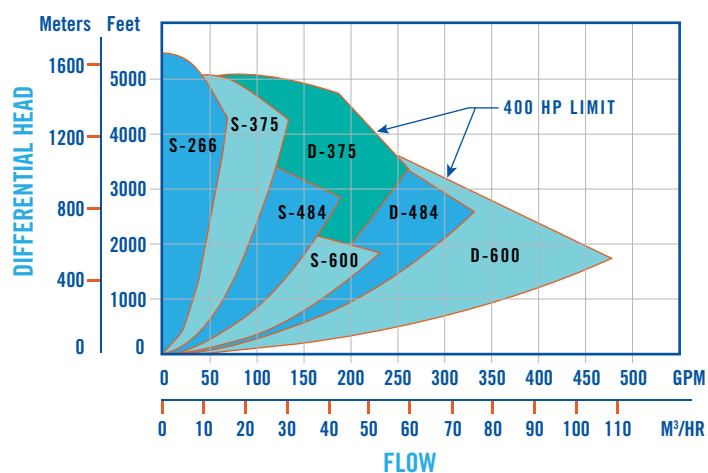


TYPICAL ROTO-JET® MODEL 2300 APPLICATIONS

- Food and beverage cleaning systems
- Reverse osmosis systems
- NOX suppression
- Spraying/washing systems
- High-pressure paper shower
- Circuit board wash systems
- Water/process injection systems
- Boiler feed/cleaning systems
- Desuperheating/condensate return



PERFORMANCE CURVE



SPECIFICATIONS: ROTO-JET® MODEL 2300

Maximum temperature	121°C / 250°F
Max temperature - with flush	288°C / 550°F
Maximum suction pressure	400 psig / 28 bar
Maximum head	2600 ft / 792 m
Maximum speed	4380 rpm
Maximum flow	450 gpm / 102 m³/h
Maximum horsepower	400 hp / 300 kw
Weight	1,175 lbs / 533 kg
Lubrication	Oil

MATERIALS OF CONSTRUCTION

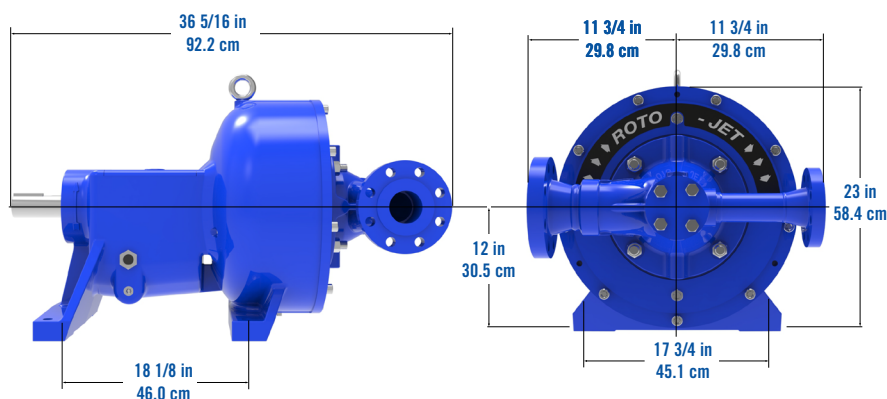
STAINLESS STEEL PUMP

DUCTILE IRON PUMP

Rotor	316. SS	Ductile Iron
Rotor cover	316. SS	Ductile Iron
Manifold	316. SS	Steel / Ductile Iron
Endbell	Ductile Iron	Ductile Iron
Pickup tube	17-4 PH	17-4 PH
Shaft	AISI-4140	AISI 4140

Dimensions are for general reference only and will vary with actual model selected.

Available as a 2x2 or 3x2 threaded and 3X2 flanged manifold.



TRILLIUM PUMPS USA

2495 S. Golden State Boulevard
Fresno, CA 93706 USA

Tel: +1 559 442 4000
Fax: +1 559 442 3098
email: rotojet@trilliumflow.com
www.trilliumflow.com

