

SOLIDS HANDLING VORTEX PUMPS

DESIGNED TO EFFICIENTLY MANAGE
LARGE SOLIDS (TRASH)
WHILE PUMPING LIQUIDS

- Cast iron housing, volute and impeller for longer life
- Vortex design reliably passes 3" solids
- Based on 30+ years experience designing pumps for extreme environments
- Available with MSHA and CSA approvals



STANCOR™

Pump & Control Solutions

BUILDING TRADES | CONSTRUCTION | MINING | UTILITIES | WASTEWATER

SOLIDS HANDLING VORTEX PUMPS

Stancor pumps are known for reliable performance in demanding applications. The newly designed and US manufactured line of Solids Handling Vortex Pumps will simultaneously pump liquids and manage debris up to three inches in size and can run at 50 Hz.

The simple, robust construction offers reliability and an ease of maintenance. At the product's core is unyielding commitment to the right materials for performance that exceeds expectations—cast iron elbow, housing, impeller and volute combined with lubricated-for-life bearings and high performance mechanical seals. A heavy-duty GG-C cable is standard to offer additional abrasion resistance.

The components are assembled utilizing Stancor's flexible manufacturing and modular design approach to customize each pump for specific application needs. An ability to achieve MSHA (explosion proof) and CSA (Canada) certifications further adds to the broad range of applications for which the product line is suitable.

A full portfolio of pumps, and accompanying controls allows Stancor to evolve product needs into customized solutions that create efficiencies, reduce maintenance costs, protect the environment and improve operator profitability.

To learn more about the Solids Handling Vortex Pumps, please consult a Stancor authorized distributor. To find a distributor, or ask technical questions, contact Stancor at **203-268-7513** or via email **office@stancorpumps.com**.

PRODUCT FEATURES

Stainless steel:
motor shaft,
seal cover,
strainer

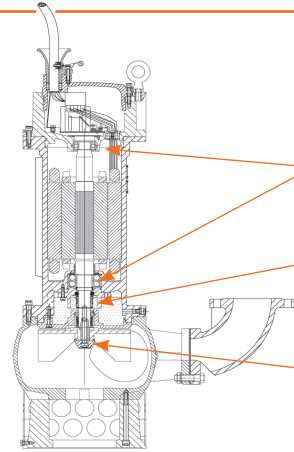
Cast iron:
discharge elbow,
motor housing,
impeller, volute

Available with CSA
or MSHA approvals

Lubricated-for-life
bearings

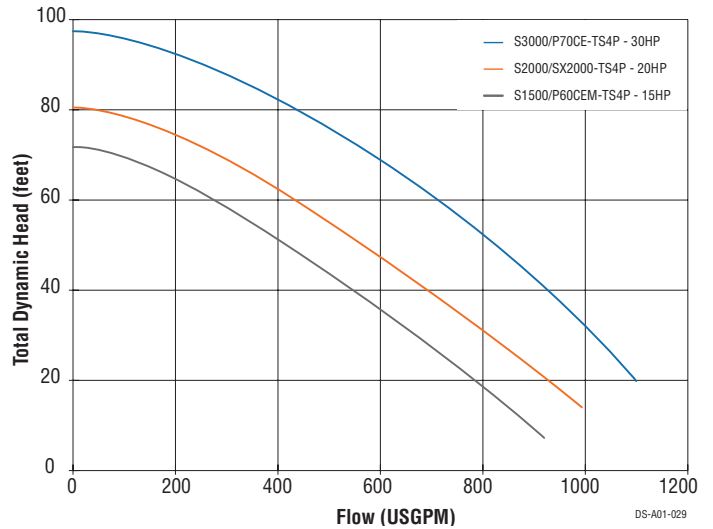
Triple-seal system

Fully trimmable
vortex impeller



Designed with 1.15 service factor to extend life in difficult operating environments.

PERFORMANCE CURVES (60HZ)



| Pump Designation | | | HP | Volts | Full Load Amps | Pole/Speed (RPM) | Discharge (inches) | Height (inches) | Width (inches) | Weight (lbs.) | Power Cable | Cable Length |
|------------------|------------|-------------|----|-------|----------------|------------------|--------------------|-----------------|----------------|---------------|-------------------------------|--------------|
| Standard | CSA | MSHA | | | | | | | | | | |
| S1500-TS4P | S1500-TS4P | P60CEM-TS4P | 15 | 460 | 20 | 4/1,750 | 4" ANSI | 41 | 30 | 543 | SOOW 10/5, 8/3, 6/3, 4/3 G-GC | 50' Standard |
| | | | | | 14 | | | | | | | |
| | | | | | 12 | | | | | | | |
| S2000-TS4P | S2000-TS4P | SX2000-TS4P | 20 | 460 | 24.5 | 4/1,750 | 4" ANSI | 41 | 30 | 563 | SOOW 8/3, 6/3, 4/3 G-GC | 50' Standard |
| | | | | | 17.5 | | | | | | | |
| | | | | | 13 | | | | | | | |
| S3000-TS4P | S3000-TS4P | P70CE-TS4P | 30 | 460 | 39 | 4/1,750 | 4" ANSI | 45 | 30 | 582 | SOOW 6/3, 4/3, 2/3 G-GC | 50' Standard |
| | | | | | 30 | | | | | | | |
| | | | | | 20 | | | | | | | |



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