Outstanding Performance at a Reasonable Price
Progressing Cavity Pumps & Parts
Outstanding Performance at a Reasonable Price

Titan SX progressing cavity pumps are high-quality, general purpose industrial pumps that satisfy extensive application requirements across a broad range of industries that include chemical processing, water and wastewater, oil and gas, pulp and paper and general industrial. Titan SX pumps can easily handle fluids from thin, flowable liquids to highly viscous materials and solids in suspension. Flow capacities are available up to 800 GPM (182 m3/hr) with pressures to 175 psi (12 bar).

Titan SX pumps are available in close coupled configuration or the manufacturer can cost-effectively unitize the pump with a gearmotor and base plate, ready for drop-in service.

Titan SX pumps were engineered from over 25 years of experience in designing, manufacturing and marketing alternative progressing cavity pumps and replacement parts. Success has been built upon a solid foundation of high standards, exceptional service and readily available inventories of both pumps and parts. Process downtime costs money. Why wait for replacement pumps and parts to come from unresponsive suppliers? Titan SX components are manufactured in the U.S.A. and an extensive network of stocking distributors are located throughout North America to ensure that you receive the pumps and parts you need, fast.

Titan SX Performance Range

---

**Titan SX Performance Range**

---

800-854-1879
### Design Characteristics

**Rotor**
- Conventional designs and long lead configurations to satisfy application requirements
- Double the industry standard of industrial hard chrome plating thickness on either carbon steel or stainless steel to withstand abrasive and corrosive pumping conditions
- Non-plated stainless steel rotors available
- Rotor heads manufactured separately for maximum mechanical strength

**Stator**
- Conventional designs and long lead configurations deliver volumetric and mechanical efficiencies
- Molded in long lengths, cut to exact dimensions and machine finished for application versatility and cost efficiency
- Minimal power requirements and low starting torques
- Elastomer seal at each end of the stator allows easy, inexpensive replacement without replacing the entire stator
- Materials of construction include nitrile, natural rubber or EPDM with more than 26 different DuraFlo formulations available to suit specific application needs

**Construction Materials**
- Cast iron externals
- Internal materials available in 316 stainless steel or carbon steel
- All components are manufactured and tested in the U.S.A.
- ISO 9001:2008 certified manufacturing system

**Universal Joint**
- Bushed pin joint allows optimal material selection for reduced wear on the connecting rod, rotor head and drive shaft
- Joint sealed with elastomeric boot to keep lubricant “in” and pumpage “out” to prevent contamination of the fluid and to provide long service life

**Block Design**
- Close coupled drive configuration is economical to purchase and maintain
- Compact size and small footprint for installation versatility
- Drive shaft configuration makes maintenance quick and easy

### Typical Applications

- Chemical Dosing
- Grout
- Colorants
- Adhesives
- Sewage and Sludge
- Silicon
- Ink
- Wax
- Scum and Grease
- Sizing
- Bleaching Chemicals
- Wet End Additives
- Clays
- Coatings
- Drilling Mud
- Crude Oil
- Polymers
- Diesel Oil
- Bilge
- Herbicides
- Solvents

[www.tarby.com](http://www.tarby.com)
Why Choose TitanSX Pumps and Parts?

- Block design allows for a close coupled drive configuration that is compact in size and cost-effective to purchase and maintain.
- Replacement parts are interchangeable with the seepex BN* progressing cavity pumps.
- Long lead rotor/stator geometry is available along with conventional rotor/stator configurations to meet a broad range of application requirements.
- Priced attractively as an alternative to other manufacturers’ progressing cavity pumps and parts.
- Dedicated application engineers and support staff ensure proper selection.
- All pumps and replacement parts are manufactured in the U.S.A. rather than imported.
- An extensive inventory of parts are ready for immediate shipment.
- Extensive network of distributors throughout North America guarantees availability, prompt delivery and minimized downtime.
- Warranties are available on pumps and parts.

Bushed pin joint ensures long service life.

TARBY®

2205 E.L. Anderson Boulevard
Claremore, Oklahoma 74017 USA
Telephone: 800-854-1879 or 918-341-8282
Facsimile: 918-341-8297
E-mail: sales@tarby.com

www.tarby.com

© 2012 by Robbins & Myers, Inc.
® Titan is a registered trademark.
* seepex is a registered trademark of seepex GmbH +Co KG.
Titan® is not a distributor or manufacturer for seepex.