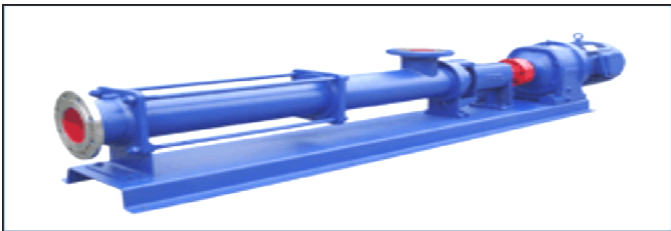


# Progressive Cavity Pumps

For all your  
pumping needs since 1968...



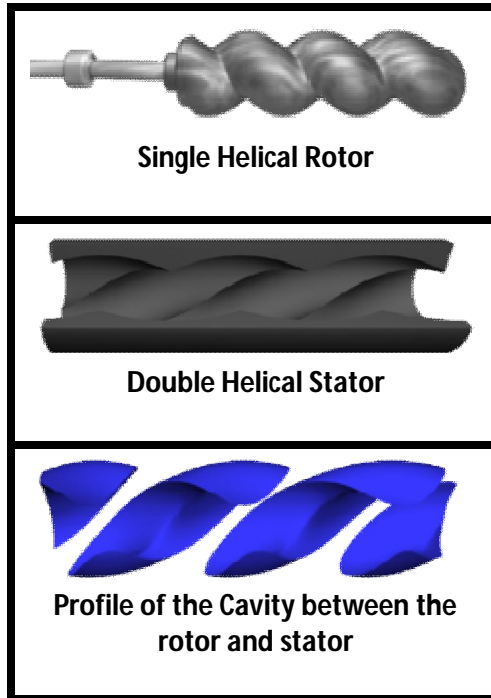
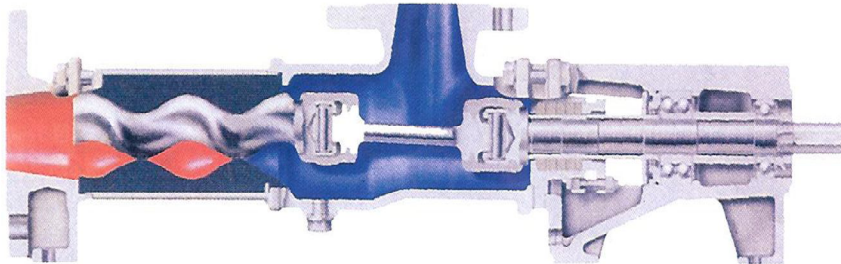
## DIS SERIES – SINGLE SCREW PUMP

[www.deltapdpumps.com](http://www.deltapdpumps.com)

[info@deltapdpumps.com](mailto:info@deltapdpumps.com)

**Progressive Cavity (Single Screw) Fundamental:**

The progressive cavity pump consists of a helical rotor and a twin helix, twice the wavelength and double the diameter helical hole in a rubber stator. The rotor seal tightly against the rubber stator as it rotates, forming a set of fixed-size cavities in between. The cavities move when the rotor is rotated but their shape or volume does not change. The pumped material is moved inside the cavities.



**D1S SERIES – PROGRESSIVE CAVITY PUMP**

**Max .Capacity:** 140 m<sup>3</sup>/hr                      **Max.Pressure:** 24 bar  
**Max.Viscosity:** 1,00,000 cSt                      **Max.Temperature:** 150 Degree

**Material of Construction:**

Body	Cast Iron / Carbon Steel / Stainless Steel
Rotor:	Stainless Steel / Tool Steel
Stator	Nitrile Rubber, Natural Rubber, Viton, EPDM, Hypalon, Neoprene
Sealing	Gland Packing / Mechanical Seal

**POSSIBLE DRIVE ARRANGEMENT INCLUDE**

- A) Direct Drive with Geared Motor
- B) Through Gear Box
- C) V-Belt & Pulleys
- D) Variable Frequency Drive

INDUSTRIAL SECTOR	APPLICATIONS	HANDLING FLUIDS
WASTE WATER MANAGEMENT / MUNICIPAL INDUSTRIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• SERVICE</li> <li>• SAMPLING</li> <li>• DEWATERING</li> <li>• CENTRIFUGE</li> <li>• CHEMICAL FEED</li> <li>• POLYMER FEED</li> <li>• DOSING, METERING</li> </ul>	<ul style="list-style-type: none"> <li>• GENERAL SEWAGE &amp; SLURRY</li> <li>• EFFLUENT SLURRY</li> <li>• ACTIVATED SLUDGE</li> <li>• DE-WATER SLUDGE / CAKE</li> <li>• OILY WATER / SLUDGE</li> <li>• RAW EFFLUENT</li> <li>• BIO EFFLUENT</li> <li>• CARBON SLURRY</li> </ul>
CHEMICAL INDUSTRIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• PROCESS</li> <li>• DOSING</li> <li>• METERING</li> <li>• LOADING</li> <li>• UNLOADING</li> <li>• COLLECTING</li> </ul>	<ul style="list-style-type: none"> <li>• ACIDS , ADHESIVES</li> <li>• COLOURS,COSMETICS</li> <li>• DETERGENTS, GLUE</li> <li>• RESINS,HAND WASHING</li> <li>• PAINTS,WAXES</li> <li>• SHAMPOOS, LACQUERS</li> </ul>
FOOD PROCESS INDUSTRIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• PROCESS</li> <li>• DOSING</li> <li>• FEEDING</li> <li>• LOADING</li> <li>• UNLOADING</li> </ul>	<ul style="list-style-type: none"> <li>• VEGETABLE OIL , SAUCES</li> <li>• KETCHUP, JAM, CHOCOLATE</li> <li>• BISCUIT,FATS,BEVERAGES</li> <li>• WINE, BEER, MILK MUSTARD</li> <li>• HONEY, SYRUPS, CREAM</li> <li>• FRUIT PULP, VITAMINS</li> </ul>
PAPER INDUSTRIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• CENTRIFUGE</li> <li>• PROCESS</li> <li>• FILTER PRESS</li> <li>• DOSING</li> <li>• FEEDING</li> <li>• LOADING</li> <li>• UNLOADING</li> </ul>	<ul style="list-style-type: none"> <li>• PULP</li> <li>• BLACK LIQUOR</li> <li>• LIME SOLUTION</li> <li>• STARCH, DYES</li> <li>• TALCUM, ALUM</li> <li>• LATEX,ALUM</li> <li>• CHINA CLAY &amp; KITCHEN COATING SLURRY</li> </ul>
SUGAR INDUSTRIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• CENTRIFUGE</li> <li>• PROCESS</li> <li>• FILTER PRESS</li> <li>• DOSING</li> <li>• LOADING</li> <li>• UNLOADING</li> </ul>	<ul style="list-style-type: none"> <li>• MOLASSES</li> <li>• MAGMA</li> <li>• MESSECUITE</li> <li>• MILK OF LIME</li> <li>• FLOCULENT DOSING</li> <li>• PHOSPHERIC ACID</li> <li>• SULPHITED SYRUP</li> </ul>
GENERAL INDUSTRIES & UTILITIES	<ul style="list-style-type: none"> <li>• TRANSFER</li> <li>• CENTRIFUGE</li> <li>• PROCESS</li> <li>• FILTER PRESS</li> <li>• DOSING</li> <li>• LOADING</li> <li>• UNLOADING</li> </ul>	<ul style="list-style-type: none"> <li>• ACID, ADHESIVES, INKS</li> <li>• FUEL OIL, COAL &amp; OIL SLURRY</li> <li>• MORTAR,LYES</li> <li>• WATER SLURRY</li> <li>• OILY WATER</li> <li>• PLASTERS</li> <li>• DYE LIQUOR</li> </ul>

# Special Feature

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- ✓ **Solid Design provide strength for continuous application**
- ✓ **High Efficiency**
- ✓ **Reversible Flow Direction**
- ✓ **Constant Flow**
- ✓ **Low Wear & Tear**
- ✓ **Self Priming**
- ✓ **Low Power Consumption**
- ✓ **Stator available in wide range of elastomers**

## We also manufacture:

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**Rotary Trochoidal Pumps, Shuttle Block Pumps, Internal Gear Pumps, External Gear Pumps, Twin Screw Pumps, Three screw Pumps, Centrifugal Pumps, Filters & Lubricating Systems**

**We can able to provide better engineering solution for your pumping needs; for inquiries, please contact us with application details:**

<p><b>DELTA P D Pumps Pvt. Ltd.</b> <b>(A Delta Corporation group of Companies)</b></p>	
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<p>201, Wadala Udyog Bhavan, Naigaum Cross Road, Wadala, Mumbai-400031 Phone No : 91-022-24153185 Fax No : 91-022-24143299 E-mail: <a href="mailto:info@deltapdpumps.com">info@deltapdpumps.com</a> Website: <a href="http://www.deltapdpumps.com">www.deltapdpumps.com</a></p>	
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