



SONDEX

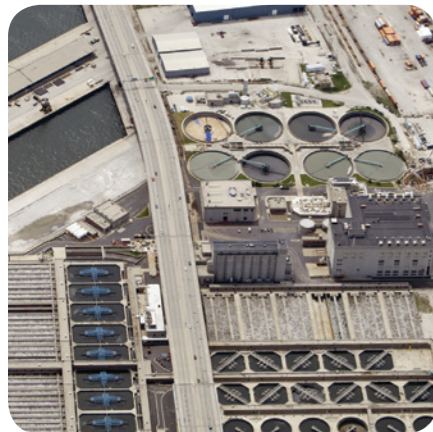
Sondex Pumps

For All Applications





Unique Cartridge Seal



S-WP0



S-WP1



S-WP2



S-WP3



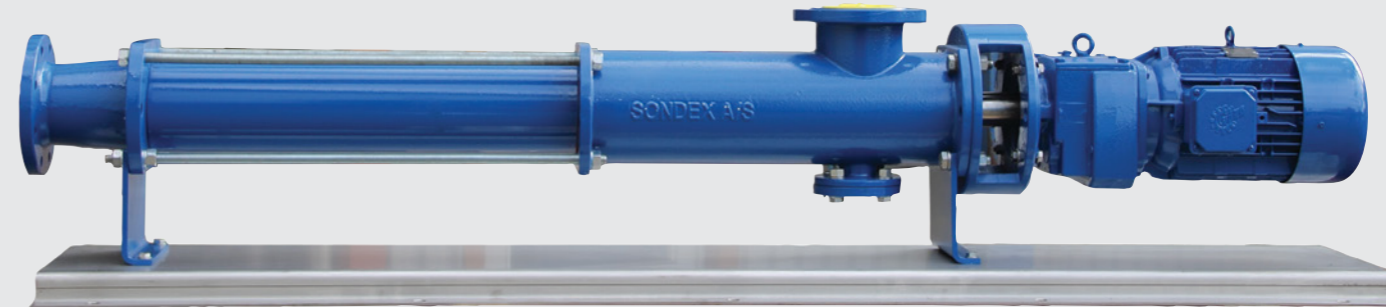
S-WP4



S-WP5



S-WN



S-CP



S-DP

Extended Sondex Pump Product Programme

The Sondex Wastewater Programme

The Sondex-WP-range is the combination between high efficiency, intelligent design and practical features. This gives you a user-friendly pump with a long life cycle. The WP range covers complete series of high quality and userfriendly wastewater pumps. From the smallest S-WP0 - suitable for light industrial effluents to the S-WP5 - capable of handling heavy duty wastewater jobs from cities and industries.

Dry, Wet and Portable Wastewater Pumps

The Sondex WP product programme is delivered for dry, wet or portable installations and with the choice of a vortex, a B-tween or a channel impeller. As an option all Sondex dry pit wastewater pumps can be delivered with IEC standard motors S-WN type.

High-efficiency Motors with Unique Heating and Moisture Protection

The motors are classified according to IE2. All Sondex-WP motors also have class H insulation, three thermal overload switches and a moisture sensor to alert the owner of moisture intrusion before damage is caused to the motor.

Exceptional Cooling

The cooling jacket from Sondex ensures optimal cooling of the motor in most operating conditions such as converter drive, dry installations and low level sump where overheating is otherwise likely to occur.

Sondex dry and portable wastewater pumps are delivered with a cooling jacket as standard. For the Sondex wet pit pumps the cooling jacket is an optional choice.

Unique Cartridge Seals and Easy maintenance

Our unique double-mechanical seals are installed in a user-friendly cartridge. This makes it possible to change the seal without using any special tools and eliminates any risk of improper installation. Also the fast lock latch bolts makes it easy to separate the pump from the motor. This in combination with the easy service of the oil tap drain reduces maintenance downtime considerably without any use of special tools.

Customized Impellers

Sondex Pumps have a wide variety of Channel 1, Channel 2, Vortex and B-tween impellers. They are delivered standard in ductile cast iron GJS-400-15 (GGG40) or in stainless steel (AISI 316) as an option. All the impellers are designed for non-clogging and all the impellers fit in the same volute and will be trimmed according to customer demands.

Higher Efficiency with Adjustable Wear-ring

Sondex Pumps uses an axially adjustable wear-ring to reduce

the hydraulic loss between the impeller and the wear-ring. With this feature the wear-ring can be regularly adjusted to optimize the pump efficiency when the pump starts to be affected by wear.

Sondex Cavity Pump

The progressive cavity pump from Sondex is suitable for high viscous medias. The Sondex-CP pump has a constant high pressure and flow which makes it especially suitable for biogas or other applications where high viscous medias with solids require transportation.

Sondex Drainage Pump

The Sondex-DP is a high-efficient lightweight drainage pump built in aluminium. The pump is suitable for pumping water and dirty water mixed with soil and any risk of overheating is avoided since the pumped media continuously cools the pump. The Sondex-DP is the ideal choice for plug-in operations and is ready for use when delivered on site.



Sondex Inline Pumps

Designed for Industrial and Marine Applications

The Sondex Pump programme for industrial and marine applications covers inline pumps in sizes from DN40-DN250. The pumps are delivered with housing in either cast iron for industrial applications or bronze for harsh medias and for the marine industry.

Designed for Any Application

All Sondex pumps are designed according to the specifications and rules within the industry securing high quality and with long lifetime.

A Comprehensive Pump Portfolio

The sondex inline product programme includes pumps with one and two bearings ensuring some of the most reliable and steady pumps in their class. As an additional option Sondex inline pumps can be delivered with a frequency converter and a space heater.

Easy Maintenance and Safe Operation

The Sondex pumps are easy to install without any use of special tools and are designed as a plug in solution with the process plants. All Sondex Inline pumps are based on a unique hydraulic design, delivering the maximum efficiency.



Sondex Sanitary Pump

Gentle Product Treatment and High Energy Efficiency

The Sondex sanitary pumps offer exceptional levels of hygiene as the pumps are some of the most trouble-free and hygienic pumps on the market today. Sondex centrifugal pumps are designed with a surface as top of the art and are specially designed for CIP (Cleaning in Place). The extremely low noise level and good NPSH is securing a good suction capacity and a gentle product treatment through the unique internal geometry. All sanitary pumps from Sondex have been approved according to the EHEDG guidelines.

Easy maintenance and Pipe Connections

The supporting legs are designed for easy service as they are moved under the motor during service. This in combination

with the easy removal of the front-loaded seals without any use of special tools means, that the Sondex sanitary pumps are among the most service-friendly on the market today.

Another useful feature is the outlet, which can be freely mounted 360° making the installation of the Sondex pump easy adaptable to any pipe system.

The Most Flexible Modular System on the Market

The unique shaft and back plate design enables all motors to fit into all pumps through a modular system which makes it easy to change to a bigger or smaller motor if the pump duty needs to be changed.

About Sondex

Sondex is a Danish company specialized in development, production of pumps, plate heat exchangers, units and freshwater distillers. Since the very start in 1984 Sondex has grown into one of the leading companies on the world market and has one of the biggest range of plate heat exchangers known on the market today.

The complete pump programme from Sondex is in constant development and the option of supplying the market with customized solutions makes Sondex one of the most flexible suppliers.

Subsidiaries and a global net of highly educated suppliers take care of sale and marketing of our products. Sondex has daughter companies and agents throughout the world making assembling and service for our customers.

Additional Products from Sondex

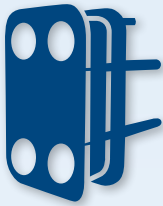
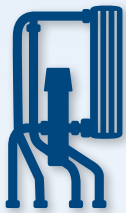


Plate Heat Exchangers

Standard	Brazed
Semi-Welded	Plate & Shell
All-Welded	Spiral Heat Exchanger
Sonder Safe	Evaporator
Free Flow	Condenser



Unit Solutions

- District Heating Solutions
- Sondex Steam Units
- Sondex Solar Units
- Customized Solutions
- Aqua Hygia



Freshwater Distiller

- Single Stage
- Multi Stage



SONDEX

Sondex A/S
Jernet 9
DK-6000 Kolding
Denmark

Tel. +45 76 306 100
Fax +45 75 538 968
Fax +45 75 505 019

info@sondex.dk
www.sondex.net

