



**FLUFAB**  
SINCE 1991  
PUMP SOLUTIONS MANUFACTURER



# INDUSTRIAL

**GO WITH THE FLOW!**

# We are a leading manufacturer specializing in pump solutions



***With a rich history dating back to 1981, we have established ourselves as a trusted and innovative player in the fluid handling industry. We specialize in designing, manufacturing, and distributing a comprehensive range of pumping systems, valves, and related equipment.***

Renowned for our commitment to excellence, we have become synonymous with quality, reliability, and customer satisfaction. Our products cater to a diverse range of industries, including commercial, residential, industrial, and municipal sectors. From HVAC systems and water treatment to industrial processes and more, our solutions are designed to meet the specific demands of each application.

What sets us apart is our dedication to continuous improvement and innovation. Through substantial investments in research and development, we consistently deliver cutting-edge solutions that address evolving market needs. Our skilled team of engineers, technicians,

and professionals ensures that each product meets stringent quality standards and performs at its best.

In addition to our product offerings, we provide expert guidance, technical assistance, and personalized solutions to ensure that clients make informed decisions and achieve optimal results. With a global presence, our influence extends beyond Canada, serving customers internationally and contributing to fluid management solutions around the world.

Overall, we're enduring legacy of excellence, innovation, and customer-centric approach positions us as a respected industry leader, dedicated to shaping the future of fluid handling technology.





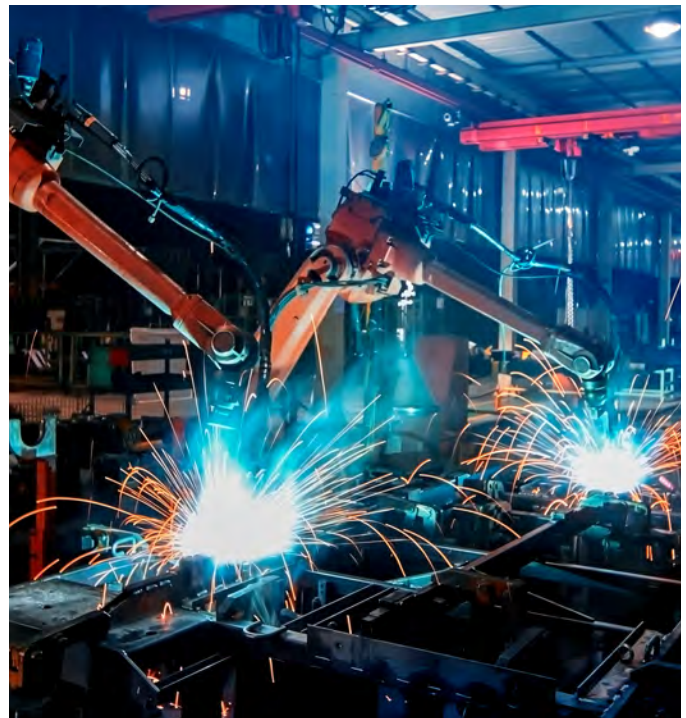
## **Our Products Cater A Diverse Range Of Pumps In The Industrial Sectors.**

### **QUALITY ASSURANCE**

Each product undergoes rigorous testing and quality assurance procedures before leaving the factory. This meticulous approach ensures that every unit meets the highest standards of reliability and performance.

### **COMPLIANCE AND CERTIFICATIONS**

Our commitment to reliability is underscored by our compliance with industry standards and certifications. Our products meet or exceed stringent regulations, providing customers with the assurance of reliable performance.

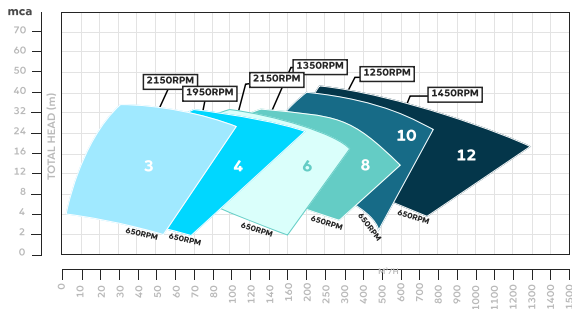


# SELF PRIMING TRASH & PROCESS PUMPS




## FFMCST

Self Priming Trash Pumps



### TECHNICAL DATA

<b>Capacities</b> Max Flow	<b>234 US GPM</b> 54 m <sup>3</sup> /hr
<b>Head</b> Max	<b>43 ft</b> 14 m
<b>Maximum</b> Pressure	<b>145 PSI</b> 999 kPa
<b>Temperature</b>	 <b>220°F</b> 104°C

### APPLICATIONS

- Municipal
- Marine
- Industrial sewage water treatment
- Agriculture irrigation
- Drainage/Construction

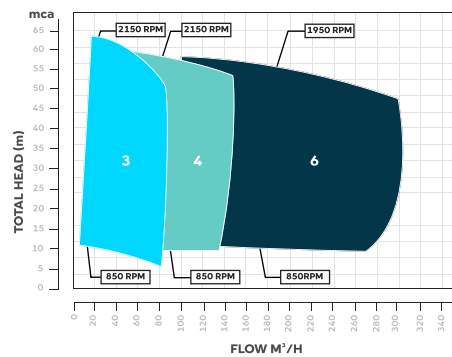
### FEATURES & BENEFITS

- Proven design
- Excellent performance
- Non-clogging design
- Excellent self priming function
- Installation and maintenance




## FFMCSU

High Head Self Priming Trash Pump



### TECHNICAL DATA

<b>Capacities</b> Max Flow	<b>234 US GPM</b> 54 m <sup>3</sup> /hr
<b>Head</b> Max	<b>43 ft</b> 14 m
<b>Maximum</b> Pressure	<b>145 PSI</b> 999 kPa
<b>Temperature</b>	 <b>220°F</b> 104°C

### APPLICATIONS

- Municipal
- Marine
- Industrial sewage water treatment
- Agriculture irrigation

### FEATURES & BENEFITS

- Proven design
- Excellent & reliable performance
- Non-clogging design
- Excellent self priming function
- Installation and maintenance
- Excellent trash handling capability



## FFMCN-G

Chemical Process Pump  
ANSI

### TECHNICAL DATA

**Capacities** 6164 US GPM  
Max Flow 27 140 m<sup>3</sup>/hr

**Head** 466 ft  
Max 142 m

**Maximum Pressure** 363 PSI  
2502 kPa

**Temperature** 284°F  
140°C

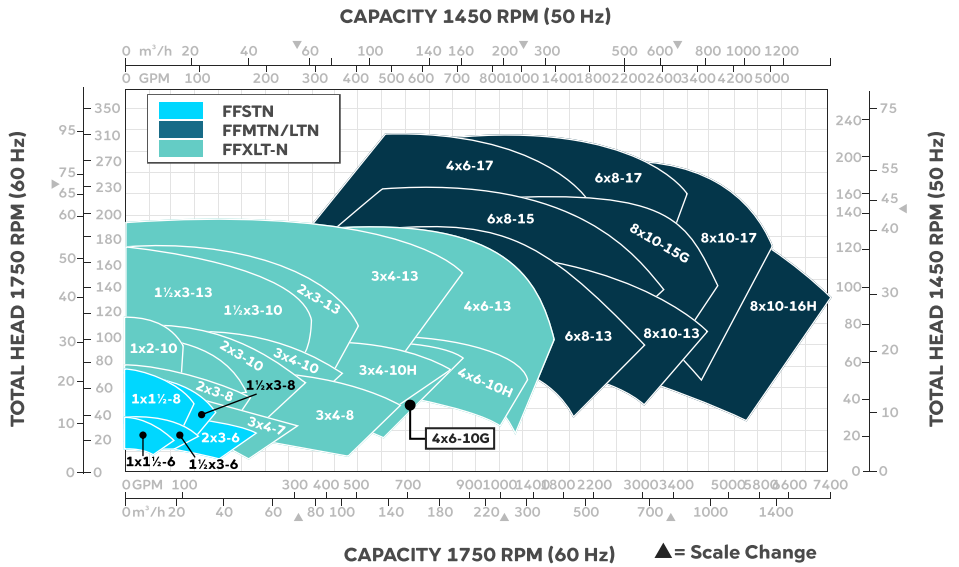
### APPLICATIONS

- Chemical Engineering
- Paper and pulp
- All process industries
- Petrochemical

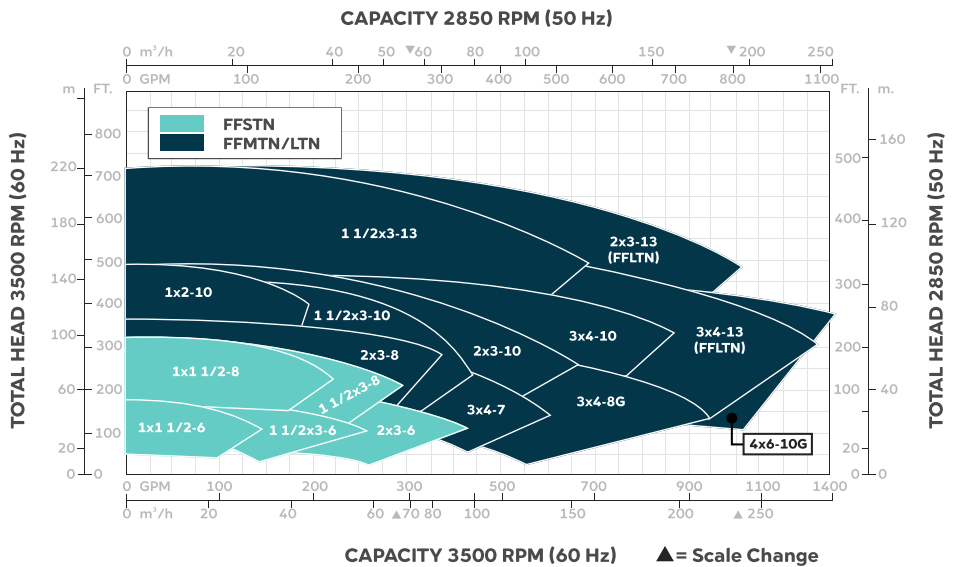
### FEATURES & BENEFITS

- Robust structure
- Can handle the pressure and environmental changes
- Complies with ANSI B73.1
- Open impeller
- High efficiency & energy saving
- Wide operation range

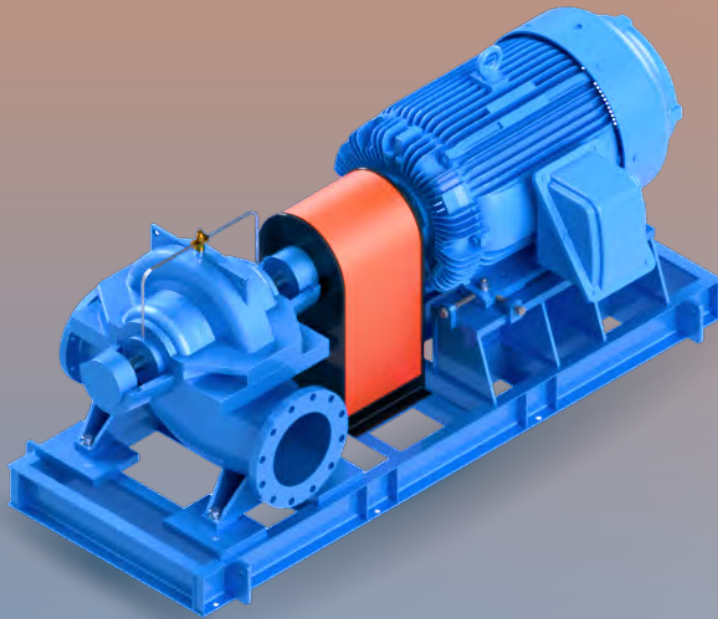
## 1750/1450 RPM



## 3500/2850 RPM



# Horizontally Mounted, Single Stage, Double Suction Split Case



## 4800/4800H/4900

*Designed with efficiency, reliability, and space-saving in mind, these pumps offer exceptional performance for a wide range of applications.*

### COMPACT DESIGN


The Compact In-Line Centrifugal Pump Series features three models: the 4800, 4800H, and 4900. Each model is engineered with precision and built to meet the demands of modern industries. These pumps are characterized by their compact design, making them ideal for installations where space is limited or when a streamlined footprint is desired.

### DURABLE

All models in the Compact In-Line Centrifugal Pump Series are engineered with durability in mind. They feature high-quality materials, corrosion-resistant components, and precise manufacturing processes. This ensures longevity and reliable operation even in demanding environments.

### LOW MAINTENANCE

In addition to their compact design and exceptional performance, these pumps offer easy installation and maintenance. They are designed for hassle-free integration into existing systems, and routine maintenance tasks can be completed quickly, minimizing downtime and optimizing system performance.

<b>Capacities</b> Max Flow	<b>12 700 US GPM</b> 2884 m <sup>3</sup> /hr
<b>Head</b> Max	<b>625 ft</b> 190 m
<b>Maximum Pressure</b>	<b>600 PSI</b> 4136 kPa
<b>Temperature</b>	 <b>300°F</b> 149°C

### APPLICATIONS

- Commercial Systems
- Industrial Systems
- Water Distribution
- Irrigation

### FEATURES & BENEFITS

- High efficiency
- Low noise level
- Easy to service

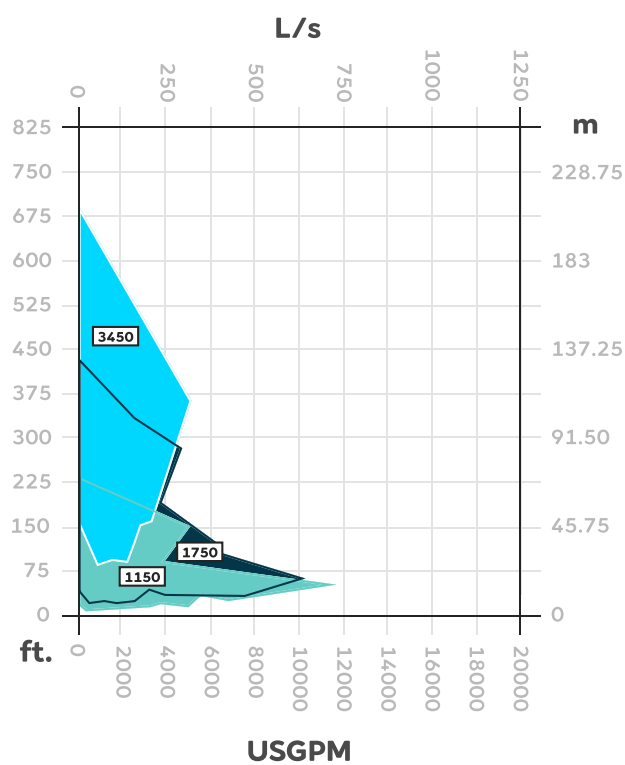


Experience the power of the Compact In-Line Centrifugal Pump Series by contacting Flo Fab today. Our team of experts will assist you in selecting the ideal pump model for your specific requirements.

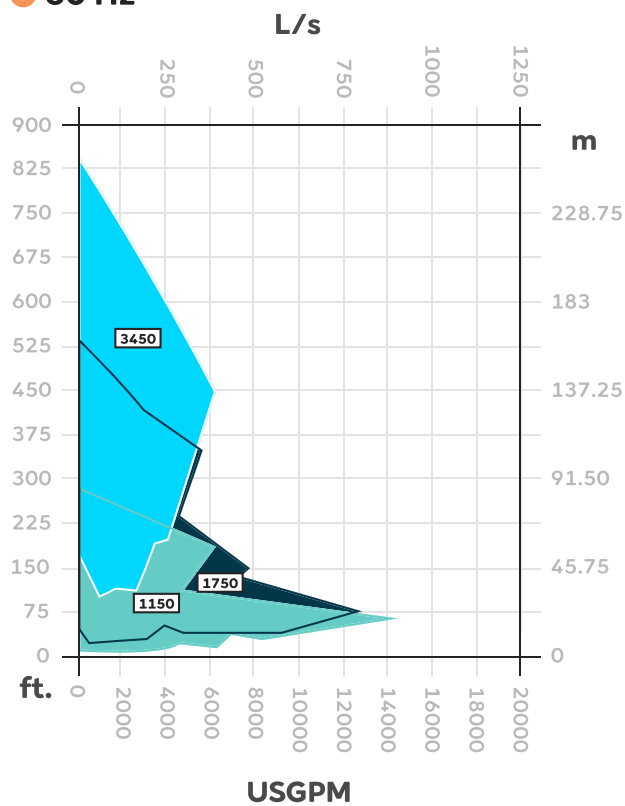


## PERFORMANCE CURVES

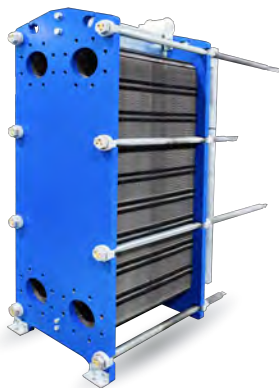
50 Hz



60 Hz



# ○ PLATE & FRAME HEAT EXCHANGERS



## FFW AHRI

Plate and Frame Heat Exchangers

*Steam to Water, Water to Water, Glycol to Water*

**Capacities** **10000 US GPM** **250 PSI**  
Max Flow 2271 m<sup>3</sup>/h Steam

**Maximum** **300 PSI**  
Pressure 2068 kPa

**Temperature**  **300°F**  
144°C

### APPLICATIONS

- Marine/offshore industry
- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Pulp and paper industry
- Heavy industry
- Mining industry
- Petrochemical industry
- Chemical industry
- Electronics

### FEATURES & BENEFITS

- Expandable
- Compact size
- Easy cleaning

### OPTIONS

- Carbon steel
- Titanium
- Stainless steel
- Other materials




## BR

Braze Heat Exchangers

*Steam to Water, Water to Water, Glycol to Water*

**Capacities** **400 US GPM** **150 lbs**  
Max Flow 91 m<sup>3</sup>/h Steam

**Maximum** **300 PSI**  
Pressure 2068 kPa

**Temperature**  **300°F**  
144°C

### APPLICATIONS

- Marine/offshore industry
- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Pulp and paper industry
- Heavy industry
- Mining industry
- Petrochemical industry
- Chemical industry
- Electronics

### FEATURES & BENEFITS

- Simple installation
- High thermal efficiency
- Multiple duties in a single unit

### OPTIONS

- Titanium
- Stainless steel
- Other materials



## W, S

Shell & Tube Heat Exchangers

W	S
Water to water Glycol to water	Steam to water

**Capacities** **3000 US GPM**  
Max Flow 681 m<sup>3</sup>/h

**Maximum** **250 PSI**  
Pressure 1724 kPa

**Temperature**  **300°F**  
144°C

### APPLICATIONS

- Marine/offshore industry
- Dairy/food/beverage industry
- Sugar industry
- Biogas industry
- Pulp and paper industry
- Heavy industry
- Mining industry
- Petrochemical industry
- Chemical industry
- Electronics

### FEATURES & BENEFITS

- Cheap compared to plate & heat exchangers
- Relatively simple design and easy to manipulate
- Easy to install

### OPTIONS

- Carbon steel
- Stainless steel with stainless steel tubes



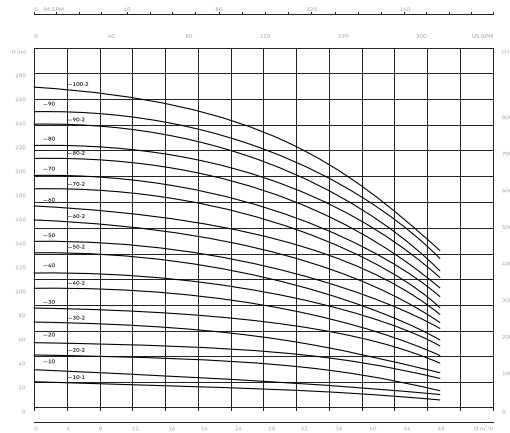



## Heat Exchangers Benefits

- A short pay-back period on investment
- High thermal efficiency due to knowledge, experience and the design
- Simple installation
- Each heat exchanger is individually designed and configured the specific application
- Expandable - saves time and money
- High efficiency - due to the corrugation, very high turbulence is achieved at a relatively low fluid velocity
- Compact size
- Multiple duties in a single unit – can be built in sections, separated with intermediate plates or more complicated intermediate frames
- Easy cleaning

## PSM

### Vertical Multistage



<b>Capacities</b> Max Flow	<b>390 US GPM</b> 89 m <sup>3</sup> /hr
<b>Head</b> Max	<b>930 ft</b> 283 m
<b>Maximum</b> Pressure	<b>430 PSI</b> 2964 kPa
<b>Temperature</b>	 <b>5-248°F</b> -15-120°C

### APPLICATIONS

- Boiler water supply and condensing system
- Water treatment, filtration system
- Food and beverage industries
- Pressure boosting in high-rise buildings
- Industry cleaning system

### FEATURES & BENEFITS

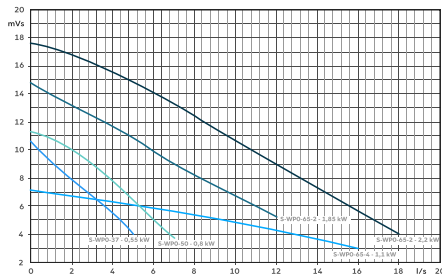
- High efficient
- Low noise
- Compact structure
- Light weight
- Good seal performance

# WASTERWATER PUMPS



## S-WP0

Wastewater Pump



### TECHNICAL DATA

Capacities **300 US GPM**  
Max Flow **68 m³/hr**

### APPLICATIONS

- Waste water where many households or companies are attached

### FEATURES & BENEFITS

- Cartridge seal
- Moisture sensors
- Designed for easy maintenance

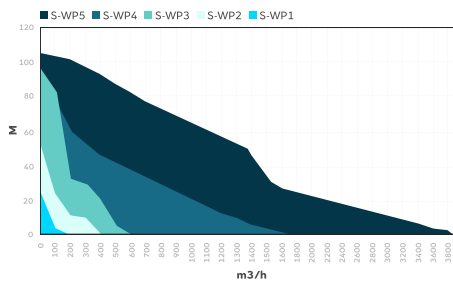
### OPTIONS

- Motor, class H as an option



## S-WP1

Wastewater Pump



### TECHNICAL DATA

Capacities **792 US GPM**  
Max Flow **180 m³/hr**

### APPLICATIONS

- Light industrial effluents to heavy duty
- Cities and industries

### FEATURES & BENEFITS

- Different types of impellers fit in the same volute
- Unique motor cooling system
- Maximum temperature of liquids: 45°C

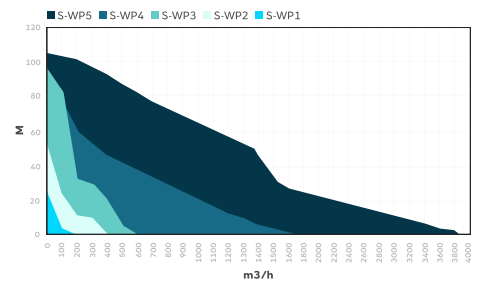
### OPTIONS

- Dry, wet or portable installations
- Choice of a vortex, a B-tween or a channel impeller



## S-WP2

Wastewater Pump



### TECHNICAL DATA

Capacities **1673 US GPM**  
Max Flow **380 m³/hr**

### APPLICATIONS

- Light industrial effluents to heavy duty
- Cities and industries

### FEATURES & BENEFITS

- Cartridge seal
- Moisture sensors
- Designed for easy maintenance

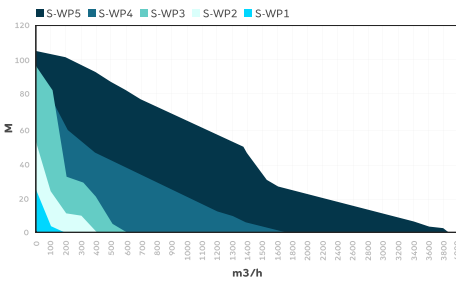
### OPTIONS

- Dry, wet or portable installations
- Choice of a vortex, a B-tween or a channel impeller



## S-WP3

Wastewater Pump



### TECHNICAL DATA

<b>Capacities</b>	<b>2642 US GPM</b>
Max Flow	600 m <sup>3</sup> /hr

### APPLICATIONS

- Light industrial effluents to heavy duty
- Cities and industries

### FEATURES & BENEFITS

- Different types of impellers fit in the same volute
- Unique motor cooling system
- Maximum temperature of liquids: 45°C

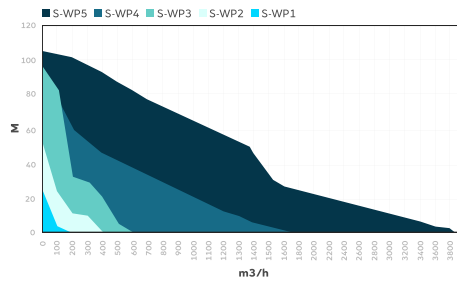
### OPTIONS

- Dry, wet or portable installations
- Choice of a vortex, a B-tween or a channel impeller



## S-WP4

Wastewater Pump



### TECHNICAL DATA

<b>Capacities</b>	<b>7045 US GPM</b>
Max Flow	1600 m <sup>3</sup> /hr

### APPLICATIONS

- Light industrial effluents to heavy duty
- Cities and industries

### FEATURES & BENEFITS

- Cartridge seal
- Moisture sensors
- Designed for easy maintenance

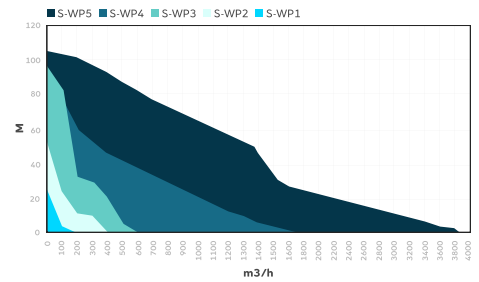
### OPTIONS

- Dry, wet or portable installations
- Choice of a vortex, a B-tween or a channel impeller



## S-WP5

Wastewater Pump



### TECHNICAL DATA

<b>Capacities</b>	<b>16 730 US GPM</b>
Max Flow	3800 m <sup>3</sup> /hr

### APPLICATIONS

- Light industrial effluents to heavy duty
- Cities and industries

### FEATURES & BENEFITS

- Different types of impellers fit in the same volute
- Unique motor cooling system
- Maximum temperature of liquids: 45°C

### OPTIONS

- Dry, wet or portable installations
- Choice of a vortex, a B-tween or a channel impeller



# WASTEWATER PUMPS

The FloFab S-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 FloFab S-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 FloFab dry pit wastewater pumps can be delivered with IEC standard motors S-WN type.

## EXCEPTIONAL COOLING

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

## UNIQUE CARTRIDGE SEALS AND EASY MAINTENANCE

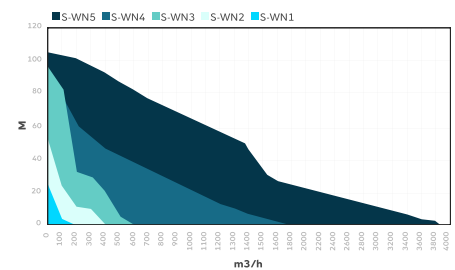
Our unique double-mechanical seals are installed in a user-friendly cartridge. This makes it possible to change the seal without using any special tools and eliminates any risk of improper installation. Also the fast lock latch bolts makes it easy to separate the pump from the motor. This in combination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

## CUSTOMIZED IMPELLERS

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.

## S-WN

### Wastewater Pump Dry



## TECHNICAL DATA

Capacities	17 612 US GPM
Max Flow	4000 m <sup>3</sup> /hr
Temperature	167°F 75°C

## APPLICATIONS

- Residential
- Commercial
- Aqua cultural

## FEATURES & BENEFITS

- Easy maintenance
- Dry-installed, therefore no risk of contamination
- Cartridge seal
- Easy removal of the motor without disconnecting the pump

## OPTIONS

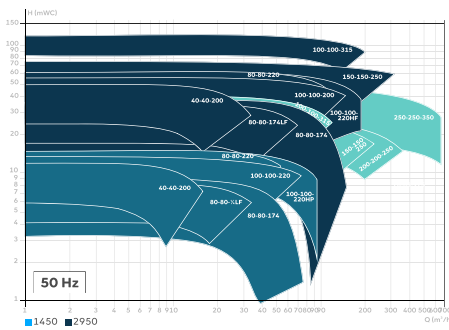
- Vertical or horizontal
- Choice of a vortex, a B-tween or a channel impeller

# IN-LINE/MARINE



## S-IP/S-MP 2L.

In-Line/Marine



### TECHNICAL DATA

Capacities	2862 US GPM
Max Flow	650 m³/hr

### APPLICATIONS

- General industry everywhere
- Marine & Offshore
- Pump stations
- Fish farming
- Firefighting systems

### FEATURES & BENEFITS

- Easy to install and maintain due to the pull-out design that facilitates quick access
- High-efficiency motor
- Directly coupled to electric motor
- Suitable for almost all indoor applications due to its low headroom requirements

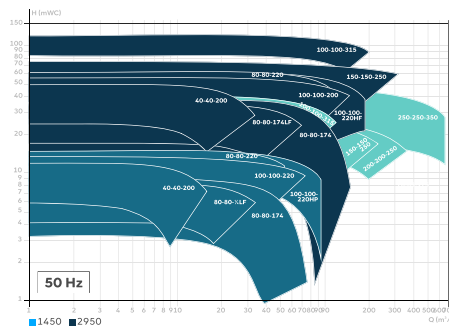
### OPTIONS

- ATEX approved



## S-IP/S-MP

In-Line/Marine



### TECHNICAL DATA

Capacities	2862 US GPM
Max Flow	650 m³/hr

### APPLICATIONS

- General industry everywhere
- Marine & Offshore
- Pump stations
- Fish farming
- Firefighting systems

### FEATURES & BENEFITS

- Easy to install and maintain due to the pull-out design that facilitates quick access
- High-efficiency motor
- Directly coupled to electric motor
- Suitable for almost all indoor applications due to its low headroom requirements

### OPTIONS

- ATEX approved

### DESIGNED FOR INDUSTRIAL AND MARINE APPLICATIONS

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

### A COMPREHENSIVE PUMP PORTFOLIO

The FloFab 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 inline pumps can be delivered with a frequency converter and a space heater.

### EASY MAINTENANCE AND SAFE OPERATION

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

## ○ SANITARY PUMPS

*The sanitary pumps offer exceptional levels of hygiene as the pumps are some of the most trouble-free and hygienic pumps on the market today. 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 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 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 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.

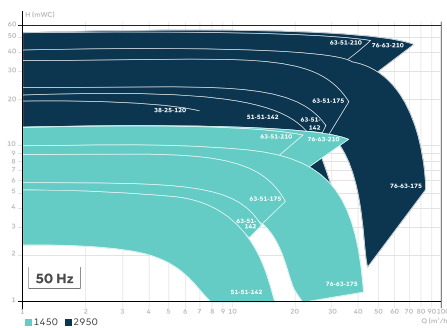






## S-FP

### Sanitary Pump



### TECHNICAL DATA

<b>Capacities</b>	<b>440 US GPM</b>
Max Flow	100 m <sup>3</sup> /hr

### APPLICATIONS

- Chemicals
- Pharmaceutical/cosmetics
- Brewing
- Biotechnology
- Sugar
- Food & Beverage
- Dairy

### FEATURES & BENEFITS

- Great energy efficiency
- CIP: Cleaning In Place
- Capable of complete emptying
- Minimum of downtime
- Supporting leg designed to grant support during operation and maintenance

Our centrifugal pumps are designed by the best technical engineers in the market with many years of experience. This ensures that S-FP range of pumps is the top of the art and a surface roughness of less than 0,8 RA. With optimized internal geometry and special o-rings, our centrifugal pumps are designed for Cleaning in Place (CIP) and offer exceptional levels of hygiene. All have been designed in accordance with EHEDG requirements.

### EASY SERVICE AND HIGH-TECH SEAL DESIGN

One of the aims when designing the new range of pumps was to obtain an easy service of the pumps and this has been fully achieved. Front-loaded shaft seals and without special tools a fast and simple change of the seal is possible. Holes through the impeller serves to equalize the pressure on both sides of the impeller. This will minimize wear of the mechanical shaft seal and the bearings in the motor.

As a special feature, the supporting leg of the pump is designed to grant perfect support during operation and a stable set-up of the pump. Before service, the supporting leg is moved under the motor making the service of the pump considerably easier than for other pumps.

The seal can be a single or a double mechanical seal, in a variety of material combinations. The double mechanical seal is designed as a flushed seal in case preventing the pump from running dry. To simplify the spare parts inventory our pumps share the same mechanical shaft seal. This together with the easy service reduces the maintenance costs.

### IMPELLER AND VOLUTE DESIGN

Our impellers and volutes are designed with the newest design tools for optimum performance and high efficiency. The special design of the volute ensures gentle product handling. The volute and the backplate are designed so, that the outlet connection can be turned into any position without affecting the efficiency of the pump.

### MOTOR SIZE AND FLEXIBILITY

The shaft and backplate design make it easy to change to a bigger or smaller norm. motor, if the pump duty should be changed. This makes S-FP pump the most flexible pump on the market.

### NOISE LEVEL AND NPSH

S-FP pump is designed with a low noise level and a good NSPH securing a good suction capacity and gentle product treatment. The risk of cavitations is minimized due to the good NSPH value. S-FP pumps secure a gentle product treatment and high energy efficiency. The aim of the S-FP pump range was to present the most trouble-free and hygienic pumps on the market ever.

