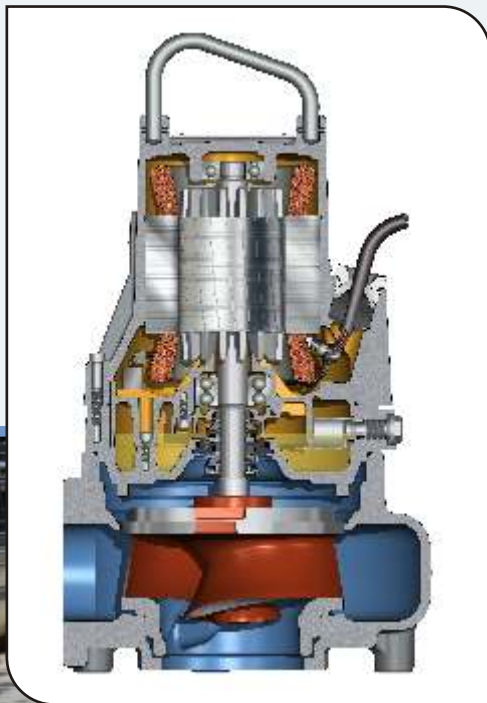


WATER AND WASTEWATER PRODUCTS





OUR LINE OF READY PUMPS (ON SINGLE PHASE POWER)

Ready 4 and 8

Weighing only 10 and 12.5 kilos respectively, the Ready 4 and 8 submersible pumps are highly reliable, compact pumps designed for dewatering of construction sites, flood cleaning operations and similar applications. They can handle abrasive and corrosive liquids in the range of pH 3-9 and particle sizes up to 5 mm.



Ready 8S

Our latest in the line of Ready pumps, the Ready 8S, is a solids-handling pump designed for contaminated water and water containing sand, gravel and debris with particle sizes up to 38 mm. It can handle liquids in the range of pH 3-9.



Accessories

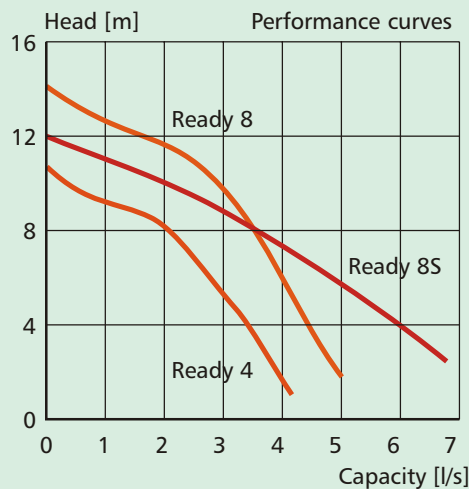
- Level regulator. Depending on the water level, our level regulator will turn the pump on and off.
- Low suction collar. A low suction collar (Ready 4 and 8 only) enables water to be pumped to a very low level.
- Various discharge connections.

Simplicity in service

Simplicity in service is at the core of our maintenance philosophy. Our spare parts kits with easy-to-follow assembly instructions make it fast and easy to perform basic services yourself.

Your choice of three spare parts kits:

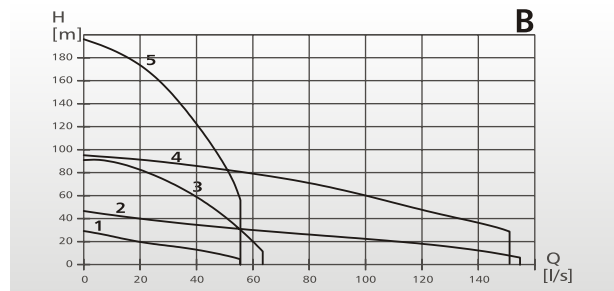
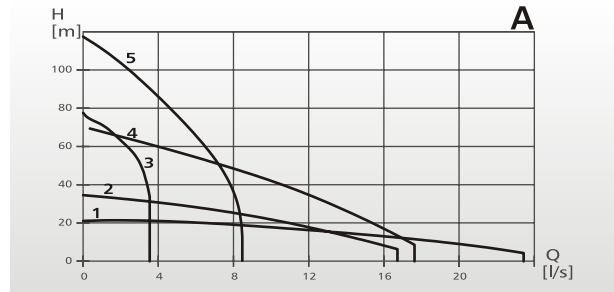
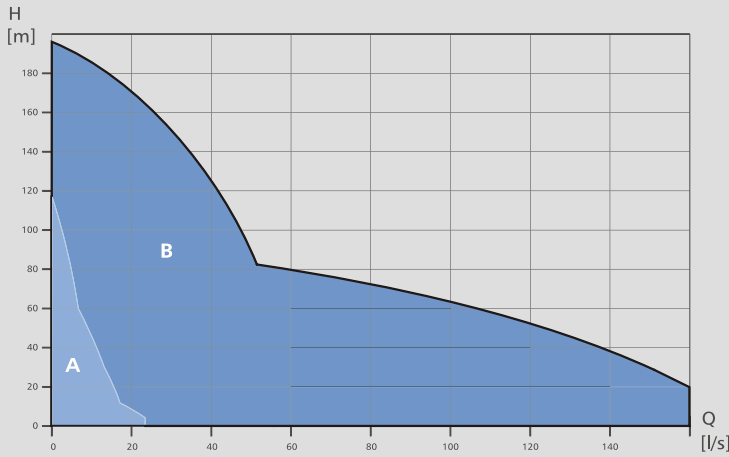
- Impeller kit
- Outer seal kit
- Diffuser kit



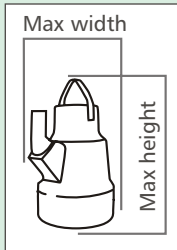
| 50 Hz | Ready 4 | Ready 8 | Ready 8S |
|-----------------|---------|---------|----------|
| Phase | 1 | 1 | 1 |
| Power (kW) | 0.4 | 0.75 | 0.9 |
| Outlet | 2" | 2" | 2" |
| Throughlet (mm) | 5 | 5 | 38 |
| pH range | 3-9 | 3-9 | 3-9 |
| Weight (kg) | 10 | 12.5 | 15 |
| Height (mm) | 400 | 430 | 510 |
| Diameter (mm) | 185 | 185 | 280 |

CAST IRON, ALLUMINIUM AND STAINLESS STEEL PUMPS

Cast iron Flygt Bibo pumps are designed for use in corrosive or abrasive liquids. All the cast iron pumps are available as explosion proof version.



| Curve | A:1 | A:2 | A:3 | B:1 | A:4 | A:5 | B:2 | B:3 | B:4 | B:5 |
|-------------------|----------|---------|----------|----------|---------|---------|----------|----------|----------|----------|
| Rated power, kW | 3.7 | 3.7 | 5.5 | 8 | 8 | 13.5 | 37 | 7 | 90 | 90 |
| Curve no, type | 231 MT | 233 HT | 271 ST | 231 MT | 233 HT | 231HT | 231 MT | 233 HT | 231 MT | 243 HT |
| Voltage, V/phase | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ | 400,3~ |
| Rated current,A | 7.1 | 7.1 | 11 | 15 | 15 | 24 | 65 | 65 | 149 | 149 |
| Weight, kg | 73 | 73 | 90 | 150 | 165 | 250 | 445 | 350 | 900 | 985 |
| Max height, mm | 565 | 565 | 575 | 830 | 830 | 940 | 1140 | 1050 | 1180 | 1245 |
| Max width, mm | 445 | 415 | 405 | 485 | 465 | 362 | 500 | 435 | 770 | 770 |
| Discharge DN, mm | 100 (4") | 75 (3") | 100 (4") | 100 (4") | 75 (3") | 50 (2") | 200 (8") | 100 (4") | 150 (6") | 100 (4") |
| Strainer hole, mm | 8x8 | 8x8 | 8x50 | 6x50 | 6x50 | 6x6 | 15x45 | 10x10 | 10x10 | 10x10 |
| Strainer hole, mm | 12 | 12 | 18 | 15 | 15 | 45 | 120 | 120 | 270 | 270 |
| * warm liquid | * | * | * | | | | * | * | | |



IN THIS MODEL

| | | | |
|----------------------------|---------------------------|----------------------------|-------------------------------|
| Maximum Head 185 meters | Maximum Power KW 90 kw | Maximum Power HP 120 hp | Maximum Discharge 8400 lpm |
|----------------------------|---------------------------|----------------------------|-------------------------------|

Mumbai Office: Ajay Industries, 19-A, Ground Floor, Udyog Mandir Industrial Estate, Building No. 1, Bhagoji Keer Marg, Mahim (West), Mumbai - 400 016.
 Email: ajaygrop1@yahoo.co.in • qesales@rediffmail.com • Phone: + 91 9223 52 55 93 • Telefax: + 91 22 2446 7399 • Cell: 94220 52009

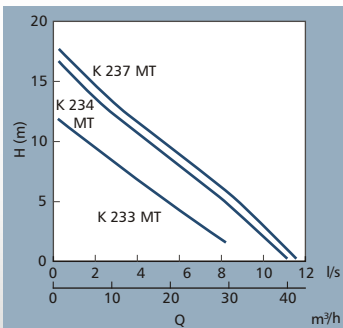
LONG-TERM PERFORMANCE

Technical Data

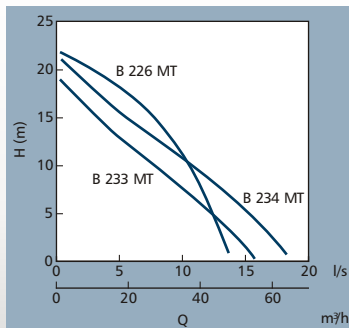
Flygt 2600 pumps cover low, medium, high and super-high pressures to handle most any application for worksites of every size.



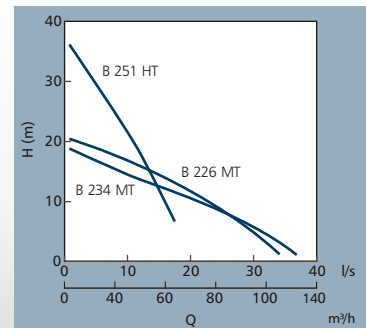
2610



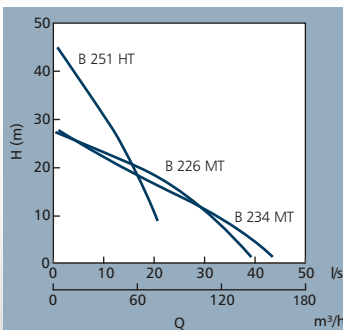
2620



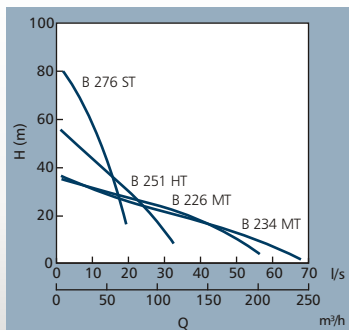
2630



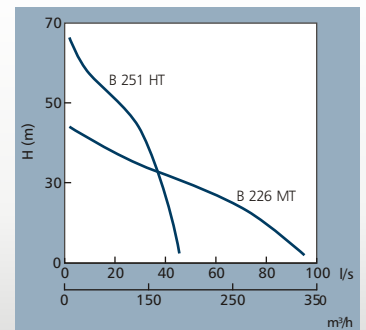
2640



2660



2670



B = Wear-resistant impeller, K = Clog-resistant impeller, HT = High head, MT = Medium head, ST = Super high head

| Model | 2610 | 2620 | 2630 | 2640 | 2660 | 2660 ST | 2670 |
|-------------------------|------------|------------|------------------|------------------|-------------------|-------------|-------------------|
| Phase | 1~/3~ | 1~/3~ | 3~ | 3~ | 3~ | 3~ | 3~ |
| Power kW | 0.85 / 1.2 | 1.5 / 2.2 | 3.7 | 5.6 | 10 | 10 | 18 |
| Height mm | 594 | 617 | 759 | 759 | 832 | 855 | 955 |
| Diameter mm | 195 | 240 | 286 | 286 | 286 | 346 | 395 |
| Weight kg | 24 | 28 | 49 | 51 | 78 | 96 | 140 |
| Discharge connection mm | 50 (2") | 80 (3") | 100/80 (4/3") | 100/80 (4/3") | 150/100 (6/4") | 100 (4") | 150/100 (6/4") |
| Strainer holes mm | 7.5 | 9 | 10 | 10 | 12 | 12 | 12 |

IN THIS MODEL

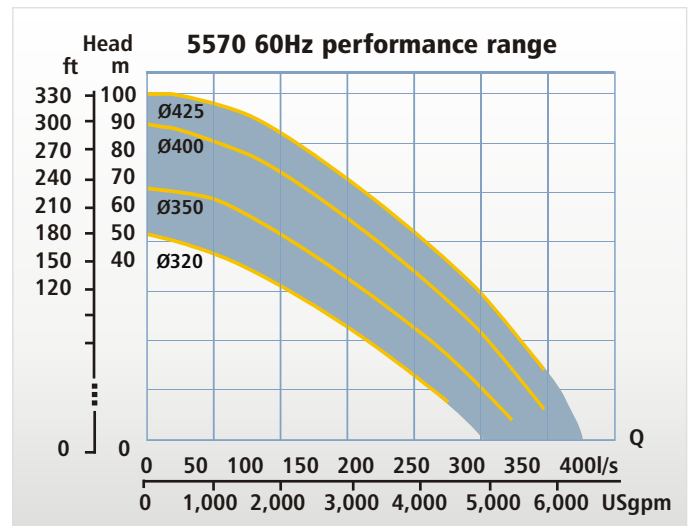
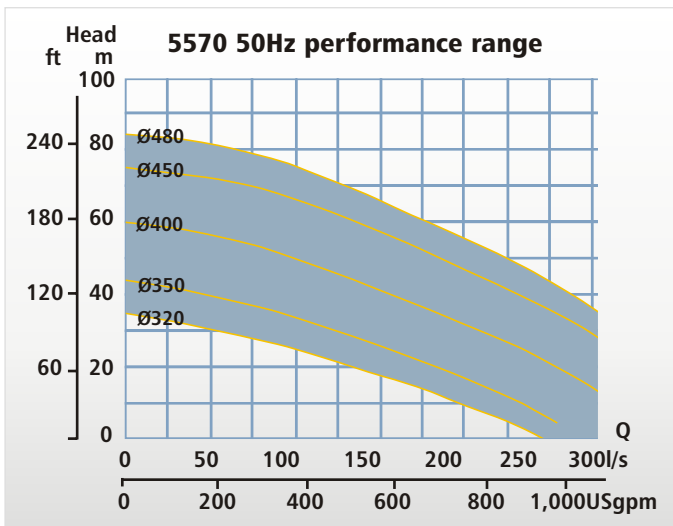
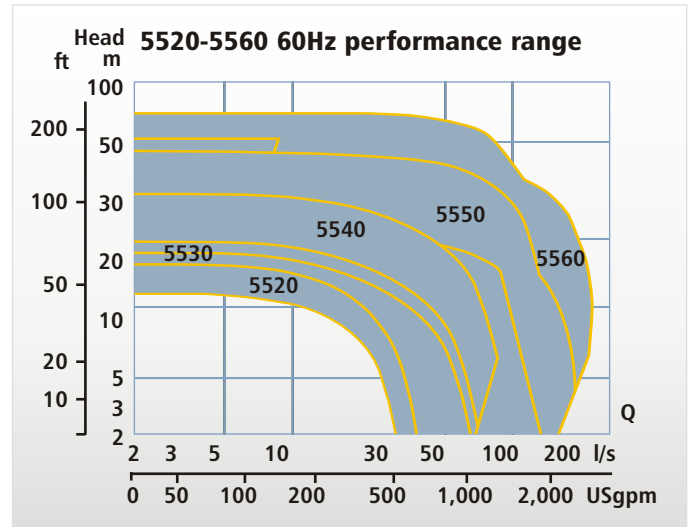
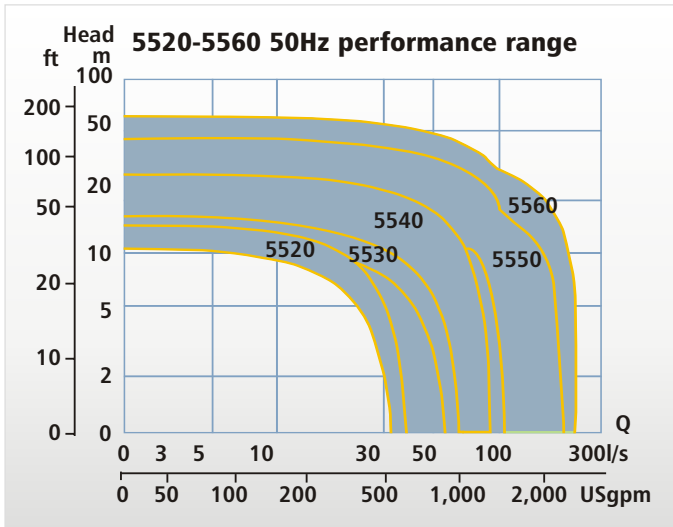
Maximum Head
80 meters

Maximum Power KW
18 kw

Maximum Power HP
24 hp

Maximum Discharge
5400 lpm

A FULL RANGE OF SLURRY PUMPS FOR ANY NEED



| Model | 5520 | 5530 | 5540 | 5550 | 5560 | 5570 |
|-----------|-------------------------|---------------|----------------|--------------|--------------|-------------------|
| Rating | 4 pole 50 Hz, 3.1 kW | 50 Hz, 5.9 kW | 50 Hz, 13.5 kW | 50 Hz, 30 kW | 50 Hz, 54 kW | 50 Hz, 70-215 kW |
| | 6 pole | | | 50 Hz, 22 kW | 50 Hz, 44 kW | 50 Hz, 58-180 kW |
| | 4 pole | 60 Hz, 10 hp | 60 Hz, 20 hp | 60 Hz, 45 hp | 60 Hz, 85 hp | 60 Hz, 100-335 hp |
| | 6 pole | | | 60 Hz, 35 hp | 60 Hz, 75 hp | 60 Hz, 90-280 hp |
| Discharge | 100 mm/4" | 150 mm/6" | 150 mm/6" | 200 mm/8" | 200 mm/8" | 200 mm/8" |



IN THIS MODEL

| | | | |
|----------------------------|----------------------------|----------------------------|--------------------------------|
| Maximum Head 100 meters | Maximum Power KW 215 kw | Maximum Power HP 290 hp | Maximum Discharge 21000 lpm |
|----------------------------|----------------------------|----------------------------|--------------------------------|

AGITATOR PUMPS

Pumps fitted with an agitator below the impeller to pump out very thick slurries.

Agitator for coarser slurries

When pumping coarser slurries, like sand, an agitator mounted on the pump shaft secures maximum resuspension of settled particles. This makes them easier to transport and ensures a clean sump.

Internal cooling reduces sediment build-up

An optional internal cooling system means that the pump can continue pumping down to low slurry levels. This also helps to prevent sediment build-up in the sump.



THE CLEAN SUMP TECHNOLOGY



Side-mounted mixer for the really tough jobs

For large sumps with very coarse and heavy particles and/or the need for homogenous slurry, a side-mounted mixer is available. This works in combination with the agitator for the toughest jobs where the agitator alone cannot prevent sediment build-up.

Portable and easy to install

The ideal solution for most applications

Standardized for portable, wet installation, 5100/5150 slurry pumps are versatile and easy to install. Each pump is supplied with a built-in support stand and is free-standing, requiring no additional support structure. The Victaulic flange and coupling allows fast, easy connection to a wide range of commonly available fittings.

IN THIS MODEL

| | | |
|---------------------------|---------------------------|---------------------------|
| Maximum Head 70 meters | Maximum Power KW 45 kw | Maximum Power HP 60 hp |
|---------------------------|---------------------------|---------------------------|

PUMPS FOR LARGE VOLUMES AND LOW HEADS

Flygt submersible propeller pumps operate directly in the liquid being pumped, with electrical controls and switch gear being the only items placed above water. They are smaller than non-submersible counterparts as the motor and hydraulics are integrated into one compact unit, resulting in smaller pumping stations that are less complex to build. Operating submerged they take up less space, and noise and cooling problems are virtually eliminated.

This series of pumps has an extensive performance range and can be used in a variety of applications such as:

- Storm water
- Raw water
- Flood control

Low installation and construction costs

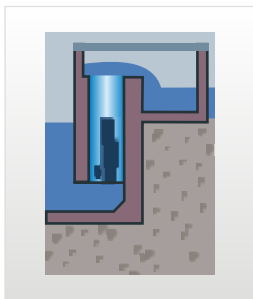
The submersible concept means that station superstructure can be omitted or made smaller and simpler in design. To reduce the cost of installation, ITT Flygt has standardized many of the main elements of pumping stations so that they can be combined to match specific site conditions. Pumps in stations of this kind can be installed and removed in minutes. No fastening bolts are required.

The examples illustrated here show the flexibility of

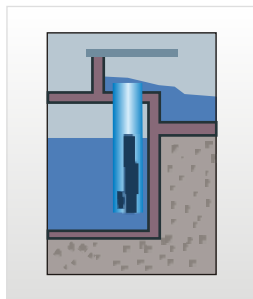
the system, and provide some guidelines for optimizing the design of your own station.

Most of these pumps can be equipped with the self-cleaning N-technique to prevent clogging in applications such as:

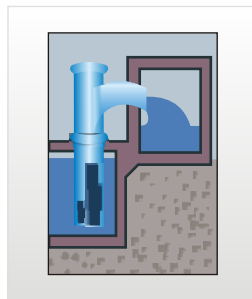
- Return sludge
- Waste water in treatment plants



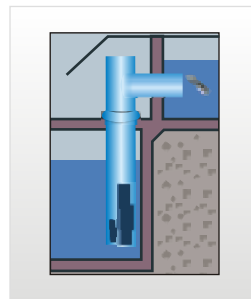
For pumping to e.g. a channel where the water level is nearly constant. The pump is placed in a concrete column. A shut-off valve is not needed.



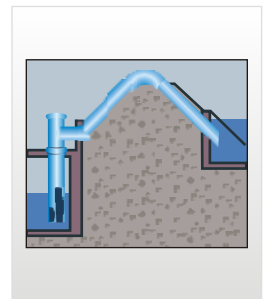
The basic design is the same as in previous illustration, but the pump is placed in a steel column that rests on a support frame.



A closed system with either a free discharge, as shown, or with a flap valve.



When the water level on the outlet side varies considerably, a flap valve is installed.



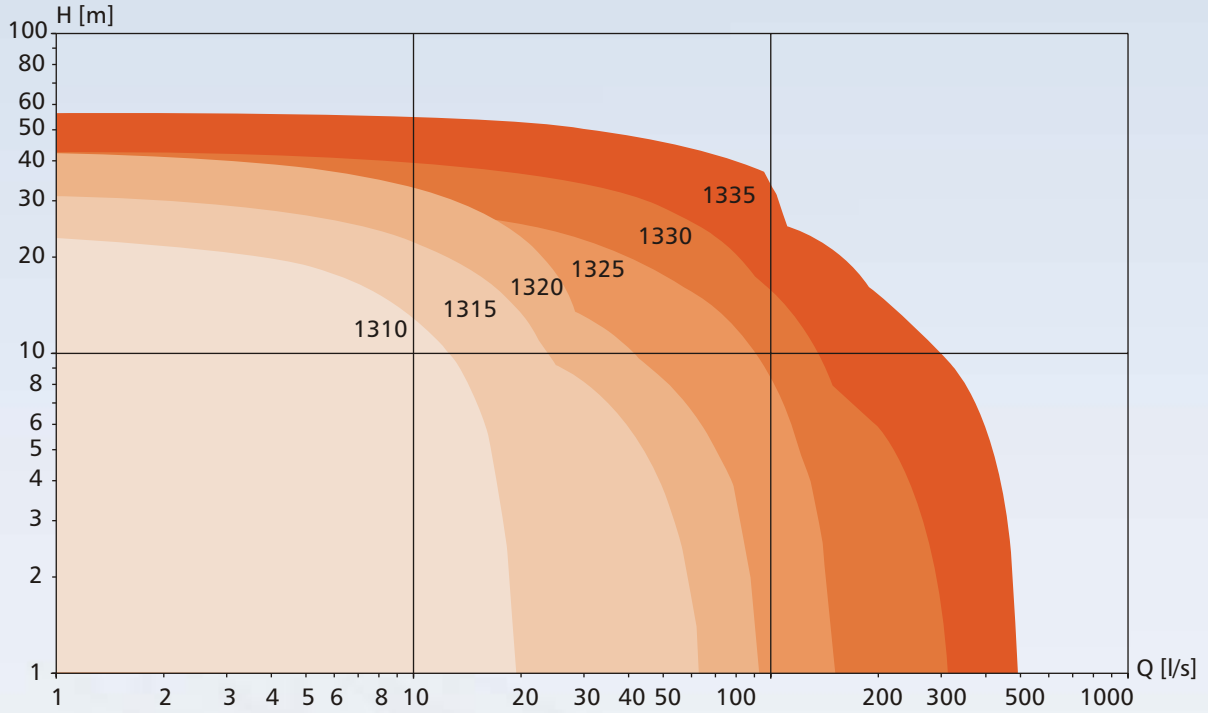
This construction allows the pump to work in combination with a siphon or discharge line.

IN THIS MODEL

| | | | |
|---------------------------|----------------------------|----------------------------|---------------------------------|
| Maximum Head 12 meters | Maximum Power KW 460 kw | Maximum Power HP 618 hp | Maximum Discharge 300000 lpm |
|---------------------------|----------------------------|----------------------------|---------------------------------|

CAST IRON PUMPS FOR SEWAGE AND DEWATERING

Performance chart Steady Flygt 1300 series



Steady Flygt 1310

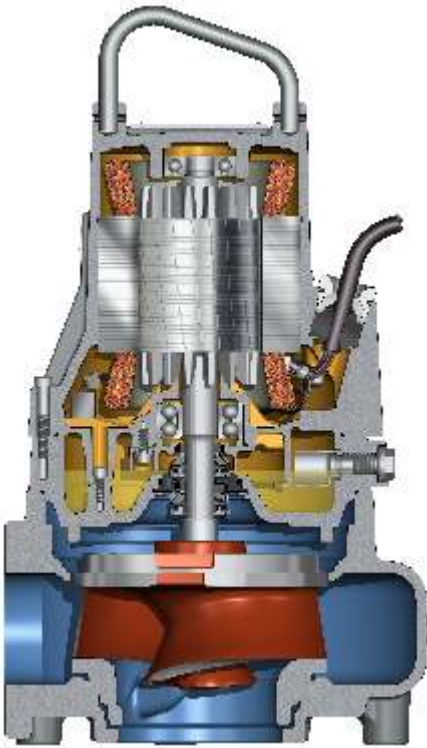


Steady Flygt 1325

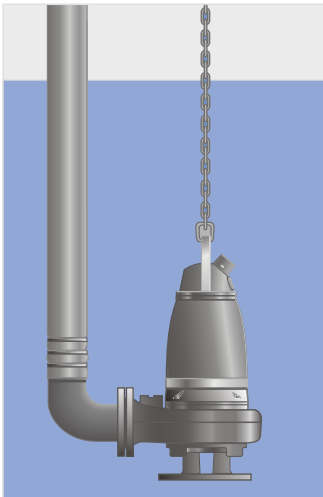
IN THIS MODEL

| | | | |
|---------------------------|---------------------------|---------------------------|--------------------------------|
| Maximum Head 55 meters | Maximum Power KW 45 kw | Maximum Power HP 60 hp | Maximum Discharge 28800 lpm |
|---------------------------|---------------------------|---------------------------|--------------------------------|

HEAVY DUTY PUMPS FOR PUMPING STATIONS



NS



A semi-permanent, free-standing installation. Transportable version with pipe or hose connection.

NP



For semi-permanent wet well installations. The pump is installed with twin guide bars on a discharge connection.

NT



A vertically-mounted, permanent dry well or in-line installation with flange connections for suction and discharge pipe work.

IN THIS MODEL

| | | | |
|---------------------------|----------------------------|----------------------------|---------------------------------|
| Maximum Head 75 meters | Maximum Power KW 680 kw | Maximum Power HP 912 hp | Maximum Discharge 360000 lpm |
|---------------------------|----------------------------|----------------------------|---------------------------------|

COMPACT MIXERS



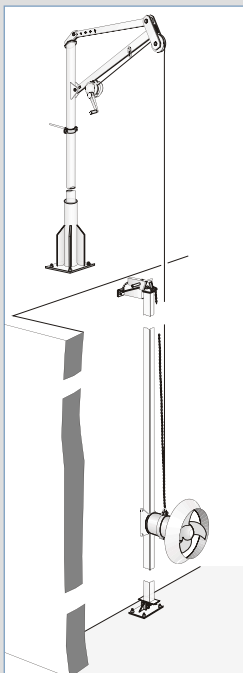
For mixing of liquids and slurries in tanks and basins. Flygt mixers give better mixing and reduced power consumption.

Submersible mixers mean more efficient bulk flow. A submersible mixer offers more flexibility in positioning and orientation.

Mixers are easy and quick to install.

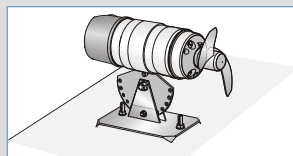
BANANA BLADE AGITATOR / MIXER

For mixing in tanks containing thicker slurries.



Guide bar mounting

The most common installation method. The mixer is lowered or raised along a guide bar located on the tank wall.



Floor mounting

Often used in shallow tanks and ponds. The mixer is fixed to a stand on the bottom.



IN THIS MODEL

| | | |
|--------------------------------|---------------------------|---------------------------|
| Maximum Thrust 6400 Newtons | Maximum Power KW 25 kw | Maximum Power HP 33 hp |
|--------------------------------|---------------------------|---------------------------|

THESE PUMPS ARE ALSO AVAILABLE ON RENTAL BASIS



Highly Wear resistant and extremely reliable diesel engine driven dewatering pumps.

Ideal for use in Mines and Quarries.

As the pumps are driven by a diesel engine, they can be used where power is not available or supply of power is difficult for electric pumps.

IN THIS MODEL

Maximum Head 185 meters

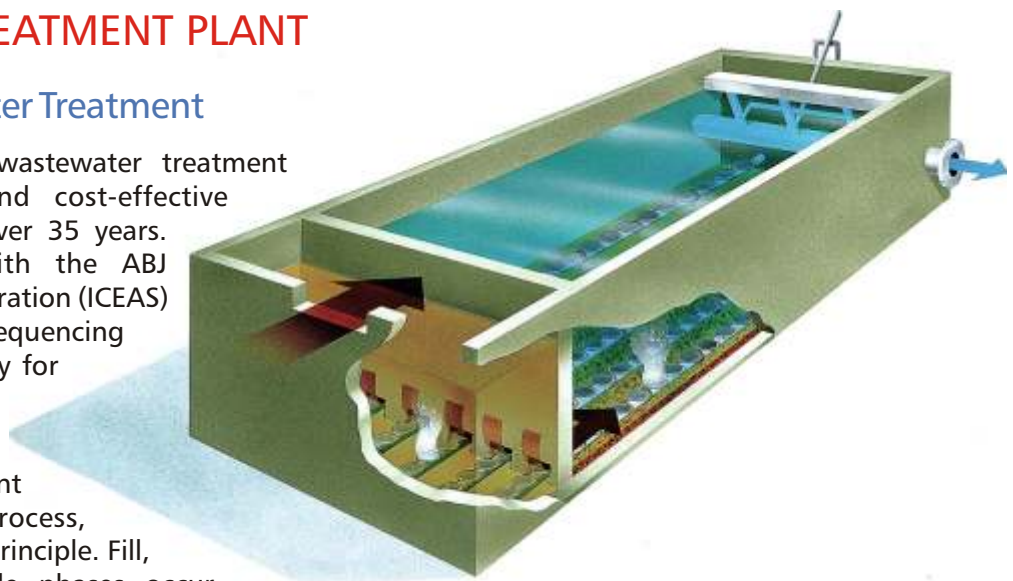
Maximum Discharge 1000000 lpm

ABJ[®] SEWAGE TREATMENT PLANT

Cost-Effective Wastewater Treatment

Sanitaire has provided the wastewater treatment industry with innovative and cost-effective treatment technologies for over 35 years. This tradition continues with the ABJ Intermittent Cycle Extended Aeration (ICEAS) process, which is an advanced sequencing batch reactor (SBR) technology for municipal and industrial wastewater treatment.

The conventional SBR, a variant of the activated sludge process, operates on the fill and draw principle. Fill, react, settle, decant and idle phases occur sequentially on a cyclic basis. In the conventional SBR configuration, flow is diverted from the basin during settling and decanting and requires two or more basins or an influent equalization tank to receive flow when

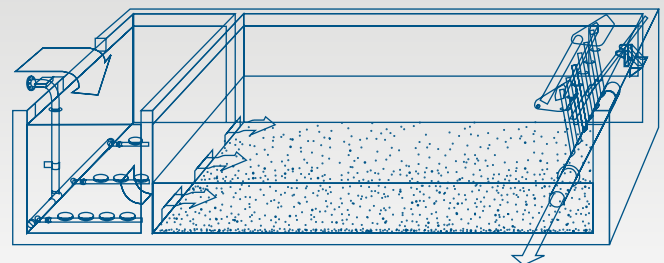


settling and decanting. Sanitaire can provide a conventional SBR but recommends the superior flexibility of the ICEAS design, which does not require any flow diversion.

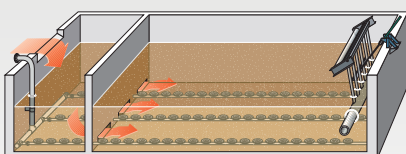
The ICEAS Process

The advanced ABJ ICEAS process is a fully automated and simple to operate biological treatment system that:

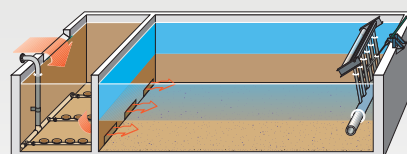
- Operates as a time-based control system allowing continuous inflow of wastewater during all phases of the cycle.
- Responds to flow and load variations.
- Can achieve processes of biological oxidation, nitrification, denitrification, phosphorus removal and liquid/solids separation continuously in a single basin.
- Easily expands and produces a high quality effluent.
- Provides two treatment zones (pre-react and main-



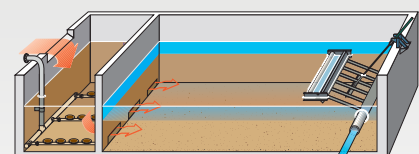
- react) separated by a non-hydrostatic baffle wall.
- Utilizes the pre-react zone as a biological selector for enhancing the growth of desirable organisms.
- Offers flexibility for meeting specific application needs with custom engineered process cycles.



React



Settle



Decant

React - Periods of aeration and/or mixing are applied to achieve the desired biological treatment.

Settle - Aeration and/or mixing are discontinued allowing solids to settle to the bottom of the basin leaving a layer of clear, treated water at the top.

Decant - The clear, treated water is removed by an automated, time-controlled decant mechanism.

Ready made plants available in capacities from 110 cubic meter per day to 2300 cubic meter per day.

DIFFUSER AERATORS

Diffuser aerators provide a uniform fine bubble aeration with a tapered flow.

Low operating costs, excellent process control and a long operating life are the main criteria why our aeration systems are preferred by customers.



FLYGT JET AERATORS



Mechanical aeration systems from Flygt provide an affordable alternative to our highly efficient diffused aeration systems. Convenient lift-in, lift-out solutions, submersible Flygt jet aerators provide reliable, low-cost oxygen transfer for small to medium-sized sludge tanks, retention tanks and bio-reactors.

Quick, low-cost installation

Convenience doesn't come easier than with Flygt jet aerators, Simply lift and position these stand-alone aeration systems into any small to medium-sized tank without having to empty it, using the Flygt pump lift and chains. Installation is complete. Then plug in Flygt jet aerators and let them work. No blowers, special housing or superstructures are required.

MANUFACTURING, FABRICATION AND TURNKEY PROJECTS

ACCESSORIES AND CONTROL SYSTEMS

- Switchgear Starter Panels for all pumps and mixers
- PLC Control Panels
- Spares for pumps and mixers
- Valves, Flowmeters and Instrumentation
- Pipes, Flanges and Pipe Fittings

TURNKEY PROJECT ERECTION INSTALLATION AND COMMISSIONING

- Construction, Installation, Commissioning of Pumping Stations
- Pipeline Fabrication and Erection.
- Fabrication of Tanks in Mild Steel and Stainless Steel.
- Installation of Pumps and Mixers

SERVICES FOR PUMPS AND MIXERS

- In house Repairs of pumps and mixers.
- Commissioning on site.

SPECIALITY MANUFACTURING

- Manufacturing of cast and Machined Spare parts as per customer requirements.
- Fabrication of Parts and Assemblies as per customer requirements.

FACTORY:

Ajay Industries,
146, Pimpli khurd,
Taluka: Chiplun, District: Ratnagiri,
Maharashtra, 415605.

CHIPLUN OFFICE:

Ajay Industries,
A-5, Gajanan Plaza,
Behind Bandal School, Kavitali,
Chiplun, District: Ratnagiri. 415605.
Phone: +91 9226 921880.
Telefax: +91 2355 250935.



**IT'S NOT JUST THE PURCHASE.
IT'S THE SERVICE AFTER THE SALE.
IT'S THE FLYGT DIFFERENCE.**

When it comes to the finest products and services, your best source by far is Flygt. Our pumps, mixers and aerators have long set the industry standard. Plus, that same Flygt quality extends to system monitoring and control, bypass and dewatering equipment and all kinds of retrofits.

But we're not just about impeccable product quality alone. In fact, the key to Flygt's difference is the service and support we provide long after the sale has been made.

For consulting engineers and plant operators, your stream of Flygt advantages begin with state of the art product design and innovative engineering. What's more, our products are delivered by teams of experienced professionals. Their expert system design ensures that our products are paired most efficiently with your specific applications.

Along the way, we offer the industry's largest network of skilled service facilities, so onsite help is nearby and ready 24/7, should you ever need it.

For over 50 years, Flygt has been acknowledged as the industry leader in the world. It's no accident. The Flygt difference is this. We stand by our products and our customers.