



ITT

Water & Wastewater

Flygt 2610 dewatering pump



Designed without compromise

The Flygt 2600 series from ITT Water & Wastewater represents a major breakthrough in dewatering pump technology. Radically engineered from the ground up, these robust pumps deliver unmatched wear resistance, consistent performance over time, and ease of service. The result is lower overall cost of ownership.

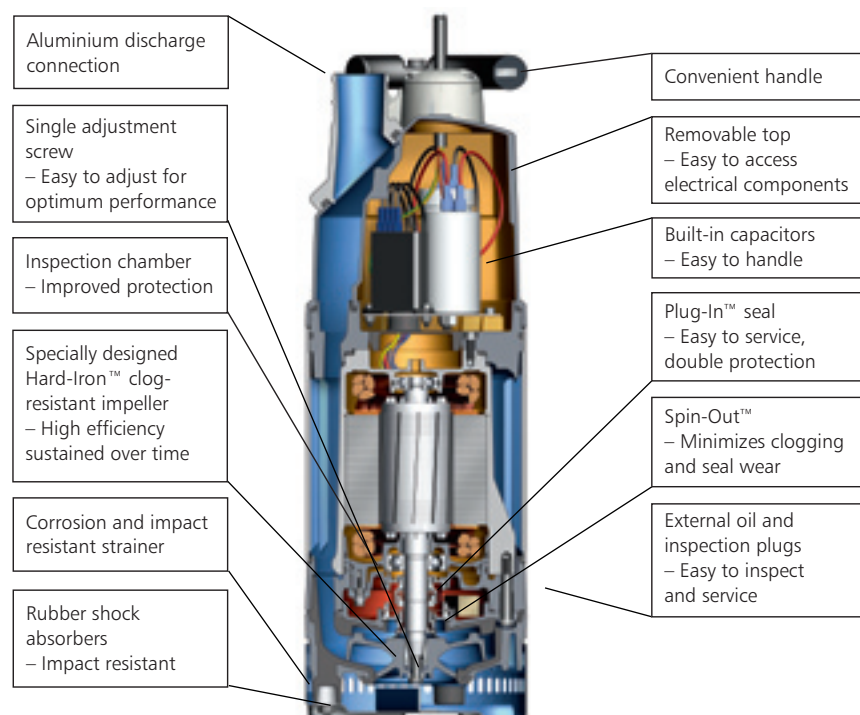
The smallest pump in the range, the Flygt 2610 delivers impressive performance for smaller-scale applications. Its open impeller design minimizes clogging, giving sustained performance over time. It's easy to adjust the impeller for optimum performance, with just one adjustment screw.

Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique one-piece Plug-In™ seal provides superior protection and is easy to replace.

This advanced technology is backed by ITT Water & Wastewater's outstanding support and worldwide presence. Operating in over 140 countries, we bring many years of experience to bear in order to keep your business moving.

Engineered for life

60Hz

**2610.171**

Submersible pump for dewatering of construction sites, mines, draining of flooded areas and other similar applications where the liquid may contain abrasive particles.

Denomination

Product code	2610.171
Installation	Portable
Impeller characteristics	

Medium head (MT)
Clog resistant (K)

Discharge connection 2"

Process data

Liquid temperature	max +104°F / +40°C
Depth of immersion	max 65.62 ft / 20 m
Liquid density	max 1100 kg/m ³
Strainer hole size	0.24" x 0.53" / 6 mm x 13.5 mm
The pH of the pumped liquid	pH 5–8

Motor data

Squirrel cage 1-phase and 3-phase induction motor	
Frequency	60Hz
Insulation class	F (+311°F / +155°C)
Voltage variation	
– continuous running	max ± 5%
– intermittent running	max ± 10%
Voltage imbalance	
between phases	max 2%
No. of starts/hour	max 30

Cables

SUBCAB®	Submersible cable
SUBCAB® Screened	Heavy duty rubber submersible cable

Monitoring equipment

Thermal contacts	
opening temperature	+257°F / +125°C

Materials

Outer casing	Aluminum alloy
Impeller	Hard-Iron™ white cast iron
Wear parts	Nitrile rubber
Stator housing	Aluminum alloy
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber
Discharge connection	Aluminum

Mechanical face seals

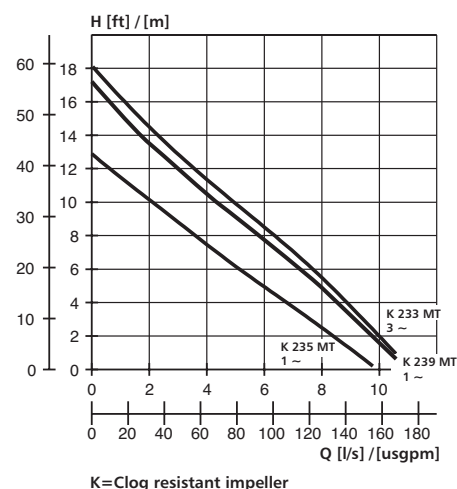
Inner	Tungsten carbide/Ceramic
Outer	Tungsten carbide

Weight

Total (excl. cable)	
1~ 1.3 hp	42 lbs / 19 kg
1~ 1.8 hp	49 lbs / 22 kg
3~ 1.9 hp	42 lbs / 19 kg

Dimensions

Height	23.4" / 594 mm
Diameter	7.7" / 195 mm

Performance**Options**

Warm liquid version	max 158°F / +70°C
Quick couplings	2"
Starters	

Zinc anodes

Low suction collar

Accessories

Adapters, hose connections and other mechanical accessories. Electrical accessories such as pump controller, control panels and monitoring relays.

Rating

1~, 3~	
Rated output	1~ 1.3 hp / 1.0 kW 1~ 1.8 hp / 1.3 kW 3~ 1.9 hp / 1.4 kW
Speed of rotation	1~ 1,3 hp 3410 rpm 1~ 1.8 hp 3475 rpm 3~ 1,9 hp 3335 rpm

~	Voltage V	Rated current A	Starting current A
1~1,3	115	12	49
1~1.3	220	6.0	23
1~1,3	230	5.8	24
1~1.3	240	5.7	26
1~1.8	115	15	74
1~1.8	220	7.5	35
1~1.8	230	7.4	37
1~1.8	240	7.5	39
3~1.9	220 D	5.4	29
3~1.9	230 Y	5.2	27
3~1.9	380 Y	3.1	17
3~1.9	460 Y	2.6	14
3~1.9	480 Y	2.6	14
3~1.9	575 Y	2.0	10
3~1.9	600	2.0	10