



ITT

Flygt 2640 dewatering pump



Designed without compromise

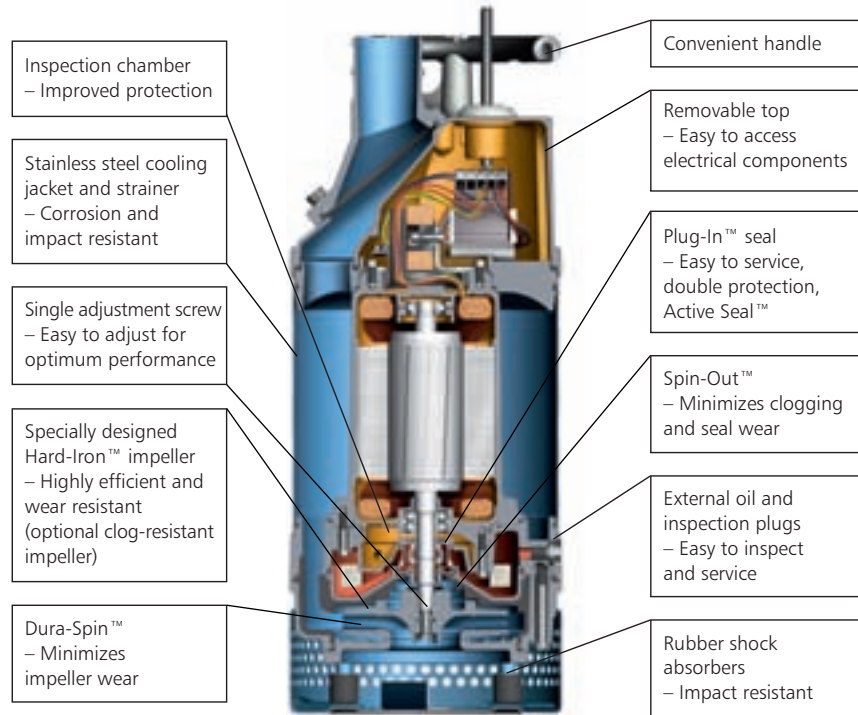
The Flygt 2600 series represents a major breakthrough in dewatering pump technology. Radically engineered from the ground up, these robust pumps deliver unmatched wear resistance, consistent performance over time, and ease of service. The result is lower overall cost of ownership.

When you need a portable pump with extra performance, the Flygt 2640 fits the bill. Its patented Dura-Spin™ hydraulic system and newly designed high-chrome cast iron impeller significantly improve wear resistance and sustain performance over time. It's easy to adjust the impeller for optimum performance, with just one adjustment screw.

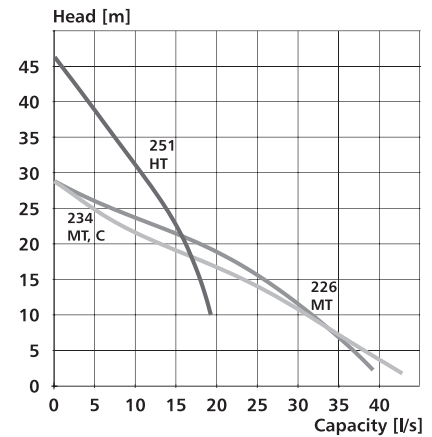
Cutting-edge design with fewer components makes this pump simple and quick to maintain. A removable top gives effortless access to the junction box, and external oil and inspection plugs facilitate maintenance. The inspection chamber improves protection and extends service intervals. The unique one-piece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

This advanced technology is backed by our 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



Performance



HT= High head
 MT= Medium head
 B = Wear resistant impeller
 K = Clog resistant impeller (option)

2640.05.Eng.03.09 896178 Trosa Tryckeri AB 11084

2640.180

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	2640.180
Installation	Portable
Impeller characteristics	
Wear resistant, medium head (B 226, MT)	
Wear resistant, high head (B 251, HT)	
Optional clog resistant (K 234, MT)	
Discharge connection	4", 3"

Process data

Liquid temperature	max +40°C
Depth of immersion	max 20 m
Liquid density	max 1100 kg/m ³
Strainer hole dimension	10 mm
The pH of the pumped liquid	pH 5–8

Motor data

Squirrel cage 3-phase induction motor	
Frequency	50 Hz
Insulation class	H (+180°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	+140°C
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Materials

Outer casing	Stainless steel
Impeller	Hard-Iron™
Wear parts	Nitrile rubber, Hard-Iron™
Stator housing	Aluminum
Strainer	Stainless steel
Shaft	Stainless steel
O-rings	Nitrile rubber

Mechanical face seals

Inner Active Seal™	Tungsten carbide
Outer	Tungsten carbide

Weight

Total (excl. cable)	51 kg
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Dimensions

Height	759 mm
Diameter	286 mm

Options

Warm liquid version	max +70°C
Quick couplings 4", 3"	
Starters	
Zinc anodes	
Clog-resistant impeller	

Accessories

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

Rating

	3~
Rated output	5.6 kW
Speed of rotation	2895 rpm

Voltage D	Rated current A	Starting current A
220 D	19	123
230 D	19	129
240 D	19	135
380 D	11	73
400 D	11	78
415 D	10	67
440 D	10	71
500 D	8.7	59
550 D	7.9	55
660 Y	6.4	43
690 Y	6.3	45
1000 Y	4.3	30

Environmental Product Declaration

EPD-declared product

