

60Hz

Flygt 2620 sludge pump

MEET THE MEMBER OF YOUR DEWATERING TASK FORCE

Versatility for maximum uptime

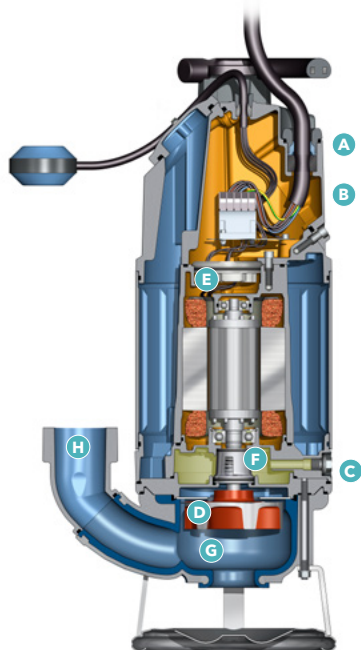
Built on the Flygt 2600 series platform, the Flygt 2620 pump transports sludge and other liquids containing solids up to 2" (50 mm) in diameter with ease.

This portable solids-handling pump features a Hard-Iron™ (60 HRC) vortex impeller and polyurethane-lined pump housing. It is ideal for dewatering in construction, mining, industrial and municipal applications.

Cutting-edge design with fewer components makes maintenance quick and easy. A removable cover provides fast access to the junction box, and external oil and inspection plugs facilitate maintenance enabling seal-condition checks and oil change without dismantling the pump. The Flygt Plug-In™ seal provides a perfect fit and fast, simple replacement.

The Flygt 2620 sludge pump shares the drive unit and parts with other Flygt 2600 drainage pumps so you can easily interchange the hydraulic ends and streamline your spare parts inventory.

This advanced technology is backed by our outstanding support and service in over 140 countries worldwide.



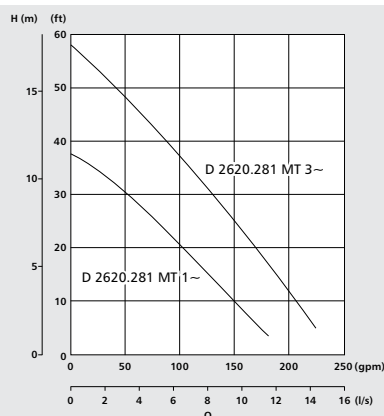
- A Air valve**
The cooler the motor, the better performance.
- B Inspection cover**
- C External inspection and oil plugs**
- D Hard-Iron™ (60 HRC)**
Vortex impeller handles solids and reduces wear.
- E Sealed off terminal board**
- F Aluminum Plug-In™ seal**
- G Polyurethane-lined pump housing**
provides high wear resistance and allows larger solids passage
- H Adjustable side discharge**
Allows larger solids passage and easy hose connection.



FLYGT
a xylem brand

Submersible pump for various demanding dewatering applications in mining, construction, tunneling, industrial and municipal uses. The typical media handled may include sludge, light slurry, solidsladen water and wastewater.

Performance



Rating

2.4 hp (1.8 kW) / 3405 rpm / 1-phase

Voltage V	Rated current A	Starting current A
220	10	35
230	9.9	37
240	9.8	39

3.5 hp (2.6 kW) / 3410 rpm / 3-phase

Voltage V	Rated current A	Starting current A
200 Y	11	61
208 Y	10	71
220 D	9.6	65
220D //	9.4	59
220Y //	9.4	59
230 D //	9.2	62
230 Y //	9.5	65
240 Y //	10	67
380 Y	5.6	37
380 Y //	5.4	34
400 Y	5.5	37
400 Y //	5.4	36
400 D SER	4.7	29
440 Y	4.6	26
440 Y SER	4.7	29
460 D SER	4.6	31
460 Y	4.4	28
460 Y SER	4.7	32
480 Y	4.4	29
480 Y SER	4.9	34
575 Y	3.5	22
600 Y 0	3.5	23

xylem
Let's Solve Water

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Denomination

Product code	2620.281
Product code, MSHA approved	2620.581
Installation	Portable
Discharge connection	3"
Impeller characteristics	- Wear resistant, vortex, medium head MT (1- and 3-phase performance)

Process data

Liquid temperature	Max. 104°F (40°C)
Depth of immersion	Max. 66 ft (20 m)
Liquid density	Max 10 lbs per US gal (1200 kg/m ³)
Solids passage Ø	2" (50 mm)
pH level of liquid, range	pH 5-8

Motor data

Squirrel cage	1/3-phase induction motor, 2-pole
Frequency	60 Hz
Insulation class	H 360°F (180°C)

Voltage variation

- continuously running	Max. ± 5%
- intermittent running	Max. ± 10%
Voltage imbalance	Max. ± 2%
No. of starts/hour	Max. 30

Monitoring equipment

Thermal contacts	284°F (140°C) opening temperature
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Cables

SUBCAB®	Submersible cable
SUBCAB® Screened	Heavy duty submersible cable

Materials

Outer casing	Aluminum
Shaft	Stainless steel
Vortex impeller	Hard-Iron™ (60 HRC)
Stator housing	Aluminum
Pump housing	Aluminum
Pump housing lining	Polyurethane
O-rings	Nitrile rubber

Mechanical face seals

Pre-assembled double mechanical cartridge seal with oil compartment in between for cooling and lubricating	
Inner seal, Active seal™	Tungsten carbide/ceramic
Outer seal	Tungsten carbide/tungsten carbide

Weight and dimensions

Weight (excl. cable)	75 lbs (34 kg)
Height	29" (730 mm)
Width	14" (375 mm)

Options and accessories

Outlets/quick couplings/hoses	3"
Controllers and level float controls	
Protective zinc anodes	
Starters	