STANDARD MACHINERY

PRODUCT DATASHEET

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Flygt 2201 Submersible Dewatering Pump 58 HP (43 kW) – 440 V, 90 m Head, 2.18 Lakh LPH, Imported, Refurbished & Tested

FLYGT

SKU
SM-SUB-FLYGT-2201-58HP

CATEGORY
Industrial Pumps

● In Stock

Chat on WhatsApp

Request pricing and availability on WhatsApp with the product details pre-filled.

- ✓ Genuine Flygt 2201 heavy-duty submersible dewatering pump
- ✓ 43 kW (58 HP) motor, 440 V, 3 phase
- ✓ Rated up to 90 m (295 ft) head
- ✓ Rated up to 2.18 lakh LPH (approx. 218 m³/hr)
- ✓ Handles water with sand, silt, clay and abrasives
- ✓ Bottom strainer and top threaded discharge
- ✓ Suited to mining, quarrying, tunnelling and construction
- ✓ Imported, refurbished and tested before dispatch

Technical Specifications

Manufacturer	Flygt
SKU	SM-SUB-FLYGT-2201-58HP
Brand	Flygt
Model	2201
Product Type	Submersible Dewatering Pump
Condition	Imported, Refurbished & Tested
Motor Power	43 kW
Motor Power	58 HP

Voltage	440 V
Phase	3 Phase
Maximum Head	90 m
Maximum Head	295 ft
Maximum Flow	2.18 Lakh LPH
Maximum Flow	218 m³/hr
Maximum Flow	960 US GPM
Inlet	Bottom Strainer
Discharge	Top Threaded Outlet

Product Description

Flygt 2201 Submersible Dewatering Pump – 58 HP (43 kW), 440 V

This is an **imported Flygt 2201 submersible dewatering pump**, rated **43 kW (58 HP) at 440 V, 3 phase**. The Flygt 2201 is a well-known heavy-duty drainage pump, widely used in mining, quarrying, tunnelling and construction dewatering. It is built to handle water containing sand, silt, clay and other abrasive solids. This unit is supplied by Standard Machinery in **Imported, Refurbished & Tested** condition.

The pump is rated for **up to 90 m head** and **up to 2.18 lakh LPH (approx. 218 m³/hr)**. These are the two ends of its performance range: maximum head is reached at low flow, and maximum flow at low head. The actual duty point depends on your pipeline length, size and lift height.

Key Specifications

- **Brand / model:** Flygt 2201
- **Type:** Submersible drainage / dewatering pump
- **Motor power:** 43 kW (58 HP)
- **Voltage:** 440 V, 3 phase
- **Maximum head:** 90 m (approx. 295 ft)
- **Maximum flow:** 2.18 lakh LPH (approx. 218 m³/hr / 60 l/s / 960 US GPM)
- **Inlet:** Bottom strainer for protection against large solids
- **Discharge:** Top threaded discharge outlet
- **Condition:** Imported, Refurbished & Tested

Applications

- Mine and quarry pit dewatering
- Construction site and foundation excavation dewatering
- Tunnel and shaft drainage
- Flood water removal and emergency pumping
- Dock, basement and sump drainage
- High-head transfer of water from deep pits

Industries Served

- Mining and quarrying
- Construction and infrastructure

- Tunnelling and metro projects
- Ports, dockyards and ship repair
- Municipal and disaster-relief pumping
- Industrial plants with deep sumps

Why Buy from Standard Machinery

- **Genuine Flygt pump:** A respected heavy-duty dewatering brand
- **Imported industrial equipment:** Sourced from the Alang Ship Breaking Yard and refurbished in Bhavnagar, Gujarat
- **Tested before dispatch:** Each pump is checked and run before it leaves our facility
- **Cost-effective:** High-power dewatering capability at a lower cost than a new unit
- **Experience since 2008:** Supplying pumps, motors, winches and electrical panels to industrial buyers
- **Pan-India and export supply:** Dispatch across India and to buyers in Africa, the Middle East and Southeast Asia

Voltage & Power Note

This pump is rated **440 V, 3 phase, 43 kW (58 HP)**. In Flygt's published data, the 43 kW / 58 HP rating corresponds to the **60 Hz** version of the 2201, so this unit is best matched to a 440 V, 60 Hz supply, as used on ships and in many export markets.

On an Indian **415 V, 50 Hz** supply, a 60 Hz pump runs about 17% slower. By the pump affinity laws, this gives roughly:

- Head: about 69% of the rated value (approx. 62 m instead of 90 m)
- Flow: about 83% of the rated value (approx. 1.8 lakh LPH instead of 2.18 lakh LPH)
- Power drawn: lower than the rated 43 kW

These 50 Hz figures are estimates. For full rated performance in India, the pump can be run through a **VFD set to 60 Hz output**. Use a **star-delta starter or soft starter** of suitable rating, with overload protection, phase-failure protection and correctly sized cable.

Safety Note

- This is a **refurbished unit; it is not offered as explosion-proof** and must not be used in hazardous or explosive atmospheres
- Pump water only, including water containing sand, silt and abrasives; **not for oil, fuel, solvents or flammable liquids**
- Always lift and lower the pump by its lifting handle using a chain or rope, never by the power cable
- Connect the earth conductor and protect the circuit with suitable overload and phase-failure protection
- Do not run the pump dry for long periods

Maintenance Tips

- Check the oil in the seal chamber at regular intervals; water in the oil indicates seal wear
- Inspect the impeller and wear parts when performance drops, and adjust or replace as needed
- Keep the strainer clear of mud and debris
- Check insulation resistance of the motor and cable before installation
- Inspect the power cable for cuts and damage before every use
- After pumping abrasive water, flush the pump with clean water where possible

Frequently Asked Questions

What is the power and voltage of this Flygt 2201?

The pump is rated 43 kW (58 HP), 440 V, 3 phase.

What head and flow can it deliver?

It is rated for up to 90 m head and up to 2.18 lakh LPH (approx. 218 m^3/hr). Maximum head and maximum flow occur at different points on the pump curve, not at the same time.

Will it work on Indian 50 Hz supply?

The 43 kW / 58 HP rating matches Flygt's 60 Hz version. On 50 Hz, it will run about 17% slower, with roughly 62 m head and 1.8 lakh LPH flow. A VFD set to 60 Hz output can restore full performance.

Can it pump muddy or sandy water?

Yes. The Flygt 2201 is designed for dewatering water containing sand, silt, clay and other abrasives. It is not for oil or flammable liquids.

Is this pump explosion-proof?

No. This refurbished unit is not offered as explosion-proof and should not be used in hazardous areas.

Do you export?

Yes. Standard Machinery supplies across India and exports to Africa, the Middle East and Southeast Asia. Contact us for export packing and shipping details.

Need a heavy-duty Flygt dewatering pump for mining or construction? Contact Standard Machinery, Bhavnagar, Gujarat, at +91 88 6666 9293 / +91 73837 39400 or info@standardmachinery.store for price, photos and availability.

Compatibility

- Power supply: 440 V, 3 phase (rating matches Flygt's 60 Hz version)
- Indian 415 V, 50 Hz: runs about 17% slower with reduced head and flow; VFD at 60 Hz recommended for full output
- Starter: Star-delta starter, soft starter or VFD of suitable rating
- Protection: Overload, phase-failure and earth protection required
- Liquid: Water, including water with sand, silt and abrasive solids
- Not suitable for: Oil, fuel, solvents, flammable liquids or explosive atmospheres
- Installation: Submersible, lowered by its lifting handle; never hang by the cable

Standard Machinery

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