

Flygt 2201 Submersible Dewatering Pump - 43 kW / 58 HP, 90 m Head

FLYGT

SKU

SM-FLY-2201-43KW

CATEGORY

Industrial Pumps



● In Stock

PRICE (INR)

₹300,000.00 ~~₹525,000.00~~

* Prices are exclusive of GST and subject to change without notice.

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Use WhatsApp for pricing and availability with the product details pre-filled.

Heavy-duty Flygt 2201 submersible dewatering pump, 43 kW / 58 HP, 440 V, 2945 RPM. Delivers up to 90 m head and 2,18,000 LPH. Built for abrasive, high-solids water in mining, tunnelling and construction dewatering. Tested and export-ready from Standard Machinery.

- ✓ High-power submersible motor - 43 kW / 58 HP for heavy, continuous dewatering.
- ✓ High-head performance - lifts water up to 90 m, ideal for deep sumps and deep-pit dewatering.
- ✓ High flow capacity - up to 2,18,000 LPH (218 m³/hr) at low head for fast site clearing.
- ✓ Built for abrasive water - Flygt 2201 hydraulics are designed for sand, silt, grit and drilling fines.
- ✓ Robust Flygt BIBO construction - proven design known for long service life in tough conditions.
- ✓ 440 V, 3-phase, 50 Hz - matched to Indian and most export supplies.
- ✓ Tested before dispatch by Standard Machinery.

Technical Specifications

Manufacturer

Flygt

SKU

SM-FLY-2201-43KW

Brand	Flygt (Xylem)
Model	2201
Pump Type	Submersible Dewatering Pump
Motor Power	43 KW
Motor Power	58 HP
Voltage	440 V
Phase	3 Phase
Frequency	50 / 60 Hz
Speed	2945 RPM
Maximum Head	90 M
Maximum Capacity	218 m³/hr
Maximum Capacity	218000 LPH

Product Description

Flygt 2201 Submersible Dewatering Pump – 43 kW / 58 HP

The Flygt 2201 is one of the most trusted heavy-duty submersible dewatering pumps in the world, part of Flygt's proven 2000 (BIBO) series from Xylem. It is engineered to run continuously in dirty, abrasive water that would quickly wear out an ordinary drainage pump — which is why it is a standard choice on mine sites, tunnels, quarries and large construction projects.

This unit is a 43 kW / 58 HP, 440 V model running at 2945 RPM (2-pole, 50 Hz), with a maximum head of 90 m and maximum capacity of 2,18,000 LPH (218 m³/hr). It suits deep sumps and high-lift dewatering duties where water has to be pushed a long vertical distance. Standard Machinery supplies this pump tested and ready for service, with support for buyers across India and export markets.

Important — head vs. flow: The 90 m head and 218 m³/hr are the two ends of the pump curve (maximum head and maximum flow), not a single operating point. A 43 kW motor cannot deliver both at the same time. Actual delivered flow depends on the head at your site — share your head and we'll confirm the true duty point.

- Applications

- Mine and quarry dewatering
- Tunnel and shaft dewatering
- Deep excavation and foundation dewatering
- Construction site water removal
- Handling silty, sandy and abrasive water
- Sump and pit drainage in heavy industry
- Emergency flood and water-removal duties

Industries Served

Advantages

Handles water that clogs or wears out lesser pumps

Long, reliable service life in abrasive, high-solids conditions

High head suits deep and difficult dewatering

Globally recognised, spares-supported platform

Submersible design saves space and needs no priming

Maintenance Tips

Check the seal-chamber oil periodically; milky oil means seal wear — address early.

Inspect the impeller and wear parts for abrasion when pumping sandy or gritty water.

Verify cable and cable-entry condition before submerging — a common site failure point.

Use correct motor protection (overload + phase-failure) sized to full-load current.

Never run the pump dry or against a fully closed valve.

Confirm rotation direction on 3-phase supply before commissioning.

Buying Advice

For a 58 HP three-phase submersible pump, plan for a matching starter panel (star-delta / soft starter / VFD) and correctly rated armoured cable — usually bought together. Size the pump to your actual head, not just the maximum rating, to get the flow you expect. For heavily silt- or sand-laden water, confirm impeller/wear-part condition before ordering. Export buyers should confirm voltage, frequency and documentation up front.

Frequently Asked Questions

What is the Flygt 2201 used for?

It is a heavy-duty submersible dewatering pump for removing dirty, abrasive water from mines, tunnels, quarries and construction sites.

How much water can this 43 kW Flygt 2201 pump?

Up to about 2,18,000 litres per hour (218 m³/hr) at low head. Flow reduces as head increases, up to a maximum lift of 90 m.

What power supply does it need?

440 V, 3-phase, 50 Hz. It draws high starting current, so a properly sized starter and cable are required.

Can it handle sandy or muddy water?

Yes — the Flygt 2201 is specifically designed for abrasive, high-solids water, which is why it is widely used in mining and construction.

Do you supply the starter panel and cable too?

Yes, Standard Machinery can advise on and supply matching starter panels and cables — share your site details for a correct recommendation.

Do you export this pump?

Yes. Confirm your country's voltage/frequency and documentation needs when enquiring.

Keywords / Features (tags)

Compatibility

Power supply: 440 V, 3-phase, 50 Hz industrial supply

Recommended starter: Star-delta / soft starter / VFD sized for ~43 kW / 58 HP

Cable: Correctly rated 3-phase (4-core) armoured cable, sized for full-load current and run length

Protection: Overload relay + phase-failure / single-phasing protection

Discharge coupling / hose: To suit outlet size (confirm outlet size — see note below)

Duty: Abrasive, high-solids water (dewatering); not for clean potable water systems

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