STANDARD MACHINERY

PRODUCT DATASHEET

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Flygt 2201 HT Aluminium Submersible Dewatering Pump – 58 HP / 43 kW (Portable)

FLYGT

SKU

SM-FLY-2201HT-58HP

CATEGORY

Industrial Pumps

● In Stock

Chat on WhatsApp

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

- ✓ Flygt 2201 HT high-head submersible dewatering pump
- ✓ Lightweight aluminium body — portable and easy to handle
- ✓ 58 HP / 43 kW, 3-phase 380–440 V, 2945 RPM
- ✓ Maximum head up to 90 m
- ✓ Maximum capacity up to 2,18,000 LPH (218 m³/hr)
- ✓ 4" discharge outlet
- ✓ High-head wear-resistant impeller with DuraSpin
- ✓ Double mechanical shaft seal (tungsten carbide / silicon carbide)
- ✓ Runs directly on Indian 415/440 V supply — no transformer needed
- ✓ Imported, inspected and tested by Standard Machinery

Technical Specifications

Manufacturer	Flygt
SKU	SM-FLY-2201HT-58HP
Brand	Flygt (Xylem)
Model	Flygt 2201 HT
Variant	HT – High Head
Pump Type	Submersible Dewatering Pump
Body Material	Aluminium

Condition	Imported, Refurbished & Tested
Motor Power	43 kW
Motor Power	58 HP
Voltage	380–440 V
Phase	3 Phase
Frequency	50 / 60 Hz
Maximum Head	90 m
Maximum Capacity	218 m^3/hr
Made In	Sewden

Product Description

The **Flygt 2201 HT (Aluminium)** is a lightweight, portable high-head submersible dewatering pump from Flygt's proven 2000 (BIBO) series by Xylem. Rated at **58 HP / 43 kW** and running at **2945 RPM** on a **3-phase 380–440 V** supply, it moves dirty, abrasive water out of deep and demanding sites. Imported and tested, supplied by Standard Machinery, Bhavnagar, for buyers across India and export markets.

Overview

This is the **aluminium-body, portable** build of the Flygt 2201 — light enough to carry and reposition easily, yet tough enough for continuous dewatering duty. The **HT (High Head)** configuration uses a high-head wear-resistant impeller with DuraSpin to reach high lift while resisting sand, grit and drilling fines. A double mechanical shaft seal and rugged construction give it long, reliable service life on site.

Performance

- **Maximum head:** up to 90 m
- **Maximum capacity:** up to 2,18,000 LPH (218 m^3/hr)
- **Discharge:** 4" outlet

Note: The 90 m head and 218 m^3/hr are the two ends of the pump curve (maximum head and maximum flow), not a single duty point. A 43 kW motor cannot deliver both at once. Share your site head and we will confirm the actual flow you will get.

Applications

- Construction site water removal and quick-deploy dewatering
- Mine and quarry dewatering (abrasive water)
- Tunnel and shaft dewatering
- Deep excavation and foundation dewatering
- High-lift sump and pit drainage
- Flood and emergency water removal

Industries Served

Construction and infrastructure, mining, tunnelling, quarrying and aggregates, civil contracting, heavy engineering and industrial water handling.

Why Buy This Pump

- Lightweight aluminium body — easy to carry, lower and reposition on site
- Portable design ideal for contractors and multi-site work

- High-head HT build for deep and difficult dewatering
- DuraSpin wear protection and double mechanical seal for long life
- 3-phase 380–440 V — runs directly on Indian supply, no transformer needed
- Imported, inspected and tested by Standard Machinery

Maintenance Tips

- Check the seal-chamber oil regularly; milky oil indicates seal wear — act early.
- Inspect the impeller, DuraSpin and wear plate when pumping sandy or gritty water.
- Verify cable and cable-entry condition before submerging.
- Use correct motor protection (overload + phase-failure) sized to full-load current.
- Never run dry or against a fully closed valve.
- Confirm rotation direction on 3-phase before commissioning.

Buying Advice

For a 58 HP submersible pump, plan a matching starter panel (star-delta / soft starter / VFD) and correctly rated armoured cable. Size the pump to your actual head, not just the maximum rating, to get the flow you expect. For heavily silt-laden water, confirm impeller and wear-part condition before ordering.

Frequently Asked Questions

What is the Flygt 2201 HT used for?

It is a high-head submersible dewatering pump for removing dirty, abrasive water from construction sites, mines, tunnels, quarries and deep excavations.

How much head and flow does it give?

Up to about 90 m head and up to 2,18,000 LPH (218 m^3/hr) — at opposite ends of the pump curve. Actual flow depends on your working head.

Is this pump easy to move around site?

Yes. The aluminium body makes it lightweight and portable, so it is easy to carry, lower into pits and shift between locations.

What power supply does it need?

3-phase, 380–440 V, 50 Hz. It runs directly on Indian supply, so no step-down transformer is required.

Can it handle sandy or muddy water?

Yes. The DuraSpin, wear-resistant impeller is designed for abrasive, solids-laden water, which is why the Flygt 2201 is widely used in mining and construction.

Do you supply across India and for export?

Yes. Standard Machinery supplies pan-India and to export markets including Africa, the Middle East and Southeast Asia.

Need this pump or a different rating? Contact Standard Machinery for price, availability and duty-point confirmation.

Compatibility

- **Power supply:** 3-phase, 380–440 V, 50 Hz — compatible with Indian supply.
- **Recommended starter:** star-delta / soft starter / VFD sized for 43 kW (58 HP).
- **Cable:** 4-core armoured cable, sized for full-load current and run length.
- **Protection:** overload relay plus phase-failure / single-phasing protection.
- **Discharge:** 4" outlet — match hose/pipe and coupling accordingly.
- **Duty liquids:** abrasive, solids-laden water; max liquid temperature 40°C; max density 1100 kg/m^3; max immersion 20 m.

Standard Machinery

NEAR IMAMWADA OPP SIDI TAKIYA, NATHWALI SHERI, Bhavnagar, Gujarat, 364001, India

Phone: 8866669293

Email: info@standardmachinery.store

GSTIN: 24AIVPB7954RIZA

PAN: AIVPB754R

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