STANDARD MACHINERY

PRODUCT DATASHEET

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Flygt 2125.181 High Head Dewatering Pump 13 HP (9.7 kW) with Discharge Elbow & 3 Inch Threaded Outlet – Imported, Refurbished & Tested

FLYGT

SKU
SM-SUB-FLYGT-2125-181-EL

CATEGORY
Industrial Pumps

● In Stock

PRICE (USD)

$999.00 ~~$1,350.00~~

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

Chat on WhatsApp

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

- ✓ Genuine Flygt 2125.181 high head, 2-stage dewatering pump
- ✓ Fitted with bolted discharge elbow and 3 inch male threaded outlet
- ✓ 13 HP (9.7 kW) three phase motor, 380–440 V
- ✓ Rated up to 75 m (246 ft) head and 72,000 LPH
- ✓ Lightweight aluminium build, about 78 kg
- ✓ Submersible up to 20 m depth
- ✓ Handles water with sand, silt and abrasives
- ✓ Imported, refurbished and tested before dispatch

Technical Specifications

Manufacturer	Flygt
SKU	SM-SUB-FLYGT-2125-181-EL
Model	2125.181
Product Type	High Head Submersible Dewatering Pump
Construction	Aluminium

Condition	Imported, Refurbished & Tested
Motor Power	13 HP
Phase	3-Phase
Voltage	380~440 V
Maximum Head	75 M
Maximum Head	246 FT
Maximum Flow	72,000 LPH
Weight	78 KG

Product Description

Flygt 2125.181 High Head Dewatering Pump – 13 HP with Discharge Elbow

The **Flygt 2125.181** is a compact, **high head, 2-stage submersible dewatering pump** from the Flygt 2000 series, built in lightweight aluminium for portable site use. This unit is supplied in **Imported, Refurbished & Tested** condition, and comes **fitted with a bolted discharge elbow and a 3 inch male threaded outlet**, so it is ready to connect to a hose coupling or pipeline as soon as it arrives on site. With a **13 HP (9.7 kW)** motor, the pump is rated for **up to 75 m head** and **up to 72,000 LPH**. Its 2-stage hydraulic design lets a relatively small pump push water to heights and distances that usually need a much larger unit, which makes it a favourite for deep excavations, shafts and long discharge lines.

Why the Discharge Elbow Matters

On a bare pump, the outlet faces sideways and the buyer must source a matching bend or flange adapter before use. This unit already has the elbow and threaded outlet assembled, which means:

- The discharge turns upward, so the hose rises straight out of the pit without kinking
- A standard 3 inch hose coupling or threaded pipe fitting can be screwed on directly
- Less time and cost spent sourcing adapters before the pump can be put to work

Key Specifications

- **Brand / model:** Flygt 2125.181
- **Type:** Submersible high head dewatering pump, 2-stage
- **Construction:** Lightweight aluminium, portable design
- **Motor power:** 13 HP (9.7 kW), 3 phase
- **Voltage:** 380–440 V
- **Maximum head:** 75 m (approx. 246 ft)
- **Maximum flow:** 72,000 LPH (approx. 72 m^3/hr / 20 l/s / 317 US GPM)
- **Discharge:** Bolted elbow with 3 inch male threaded outlet
- **Maximum depth of immersion:** 20 m
- **Maximum liquid temperature:** 40 °C
- **Maximum starts per hour:** 15
- **Weight:** 78 kg (approx. 172 lb)
- **Handling:** Steel lifting bail; bottom strainer inlet
- **Condition:** Imported, Refurbished & Tested

Where This Pump Is Used

- Deep foundation and basement excavations
- Shafts, wells and pits where water must be lifted high
- Tunnels and underground works with long discharge lines
- Mine and quarry sump drainage
- Flooded areas, storm water and emergency pumping
- Water transfer between tanks or ponds over long distances

Industries Served

- Construction and infrastructure contractors
- Mining and quarrying
- Tunnelling and metro projects
- Pump rental and contractor fleets
- Ports, docks and ship repair
- Municipal drainage and disaster relief

Why Buy from Standard Machinery

- **Genuine Flygt pump:** A globally trusted name in dewatering
- **Ready to connect:** Discharge elbow and threaded outlet already fitted
- **Imported industrial equipment:** Sourced from the Alang Ship Breaking Yard and refurbished in Bhavnagar, Gujarat
- **Tested before dispatch:** Each pump is run and checked before it leaves our facility
- **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 runs on a **3 phase, 380–440 V** supply. Flygt's published data for the 2125.181 is for **60 Hz** operation. On a 50 Hz supply, such as standard Indian 415 V, 50 Hz power, the pump runs about 17% slower; by the pump affinity laws, head drops to about 69% (approx. 52 m maximum) and flow to about 83% (approx. 60,000 LPH maximum).

For full rated performance in India, the pump can be run through a **VFD set to 60 Hz output**. Use a DOL starter, star-delta starter or VFD with overload, phase-failure and earth protection, and keep starts within Flygt's limit of 15 per hour.

Safety Note

- This refurbished unit is **not offered as explosion-proof** and must not be used in hazardous areas
- Pump water only, including water with sand, silt and abrasives; **not for oil, fuel, solvents or flammable liquids**
- Do not install deeper than 20 m below the liquid surface; maximum liquid temperature is 40 °C
- Lift and lower the pump only by its lifting bail using a chain or rope, never by the power cable or hose
- Support the discharge hose so its weight does not hang on the threaded outlet
- Always connect the earth conductor before use

Maintenance Tips

- Check the oil in the seal chamber at regular intervals; water in the oil indicates seal wear
- Inspect the impellers and wear parts if head or flow drops
- Keep the strainer clear of mud and debris
- Check the elbow bolts and gasket for leaks after installation
- Check motor insulation resistance before installation
- After pumping abrasive water, flush the pump with clean water where possible

Frequently Asked Questions

What is the Flygt 2125.181 used for?

It is a high head submersible dewatering pump for construction sites, deep excavations, shafts, mines, tunnels and flooded areas, where water must be lifted to a large height or pushed through long pipelines.

How much head and flow does the Flygt 2125.181 give?

This unit is rated for up to 75 m head and up to 72,000 LPH. Maximum head and maximum flow occur at different points on the pump curve, not at the same time.

What is the outlet size?

The pump is fitted with a bolted discharge elbow ending in a 3 inch male threaded outlet, ready for a hose coupling or threaded pipe fitting.

Is the Flygt 2125.181 a 2-stage pump?

Yes. The 2125.181 is the 3 inch high head, 2-stage version in the Flygt 2125 range, which is how it reaches high heads from a 13 HP motor.

Will it work on Indian 415 V, 50 Hz power?

Yes, on a 3 phase supply. Flygt's data for this model is for 60 Hz, so on 50 Hz it runs about 17% slower with reduced head and flow. A VFD set to 60 Hz output restores full performance.

How deep can it be submerged?

The maximum depth of immersion is 20 m.

How heavy is it?

The pump weighs about 78 kg and has a steel lifting bail for handling with a chain hoist or crane.

Do you export Flygt pumps?

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

Looking for a ready-to-connect Flygt 2125.181 high head dewatering pump? 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: 3 phase, 380–440 V; Flygt data for this model is 60 Hz
- Indian 415 V, 50 Hz: runs about 17% slower; VFD at 60 Hz output recommended for full output
- Starter: DOL starter, star-delta starter or VFD with overload, phase-failure and earth protection
- Starts: Maximum 15 starts per hour
- Discharge: 3 inch male threaded outlet on bolted elbow; suits standard 3 inch hose couplings
- Liquid: Water with sand, silt and abrasives, up to 40 °C
- Installation: Submersible up to 20 m depth; lower by the lifting bail, never by the cable
- Not suitable for: Oil, fuel, solvents, flammable liquids or explosive atmospheres

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