



solutions

MOIVAC

Compact vacuum cleaner
for

Rig cleaning

2 ea. Skid design - **Special**

STD. - Skid design (4. Generation)



STD. skid design - WPT480 Moivac

Dimension:

Weight: 2.200 kg
Length: 1.900 mm
Width: 1.400 mm
Height: 2.100 mm
Tank: 1100 liter

Technical specifications:

Engine: ABB 22-**25** kW, ExnA, IP56,
Multivoltage
Pump, max pressure: 1.5 Bar
Pump, max vacuum: 0.80 Atm
Pump WPT480 Capacity max : **9.700** liter
Air capacity/consumption max: 9.700 ltr/min

STD. skid design - Wpt720 Moivac

Dimension:

Weight: 2.400 kg
Length: 1.900 mm
Width: 1.400 mm
Height: 2.200 mm
Tank: 1100 liter

Technical specifications:

Engine: ABB 30-**35** kW, ExnA, IP56,
Multivoltage
Pump, max pressure: 1.5 Bar
Pump, max vacuum: 0.80 Atm
Pump WPT720 Capacity max : **14.200** liter
Air capacity/consumption max: 14.200 ltr/min

Moivac features:

- Compact unit; easy to move and install
- High capacity; 60 meters horizontal and 15 meters vertical (more if using air-technique)
- Multiple utility Unit; cleaning of deck spillage, pits, shaker room, sack-store, etc.

Standard mechanical equipment:

- Compressor w/complete cooling-system (WPT 480 or WPT 720)
- Internal lifting or on spec according DNV 2.7.1. – both for lifting on offshore installations
- Painted according to NORSOK w/red Carboline 1290 – tank galvanised
- Equipped made according to Zone 2 - on costumer spec. according to zone 1

Standard EX equipment:

- Control panel according to Sone 2, Multipower
- "Low-level-alarm", automatic stop engine if oil level on compressor reaches minimum
- Temperature transmitter stops motor if "high-high temp" on compressor

Extra equipment:

- Automatic emptying of the tank when full
- Automatic start/stop of unit when suction valve is open/closed
- Automatic shut-down with time-relay

References:

Moivac is installed/utilized to 60-70 ea. offshore installations and onshore bases around the world, and there are delivered over **90 ea. Units** total.

Last years there are delivered to: Ekofisk K, Sleipner A, Snorre A, Deep Sea Bergen (Odfjell), Scarabeo 5, 6 (Saipem), Wildcat (Transocean), Oseberg C (Prosafe), Kvitebjørn, Gullfaks A, B, C & Statfjord A, B, C (Statoil), Ringhorn (Heerema), Stena Don (Swaco), West Navion (Oiltools), British sector (2 ea.), Danish sector (Maersk), Caspian sea (2 ea.), Australian sector (2 ea.) etc.



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MOIVAC Unit's (rig cleaning system)

The Moivac unit was developed to satisfy the growing market in offshore installations cleaning decks and pits.

1. Generation MOIVAC (1991)

- From the start all the units were mechanical controlled.

They had a tank volume of 3000 litre, electrical power of 17,5kW and an air cooled compressor with Maximum effect 6,5m³/min.

To avoid alignment user problems belts were Used. The frame was simple flat without any kind of lifting certification.



2. Generation MOIVAC (1997)

- The need for free deck space became more important offshore, as all installations were loaded with more equipment onboard.

The next Moivac had a protecting lifting frame and the tank volume reduced from 3000 – 1500 liter. Compressor and motor were the same, but the unit was now delivered with a EX control panel for zone 2.



3. Generation MOIVAC (2001)

- More power, stronger, reduced design and less weight was the limit to brake.

The new design was a step forward.

Effect increase with 50% more than previous model. Motor increased from 17,5 to 21kW, compressor speed increased for 650 – 830rpm, new cooling system and a new noise dampener system. This reduced the noise down under offshore requirements for the first time. The new type control cabin with made it possible to make a complete automatic unit, for both zone 1 and zone 2.

The Moivac unit was now competing with all other vacuum units in all categories, but still to a lower price than our competitors.



4. Generation MOIVAC (2009)

- Last generation Moivac.

Reducing volume and increasing effect, using a bigger motor and compressor.

The last generation unit has increased the effect with 100% since the last model, and the concept has a lot of smart equipment to use in the vacuuming process.

This Moivac unit is the best ever made, and meets all the customer and NORSOK requirements.



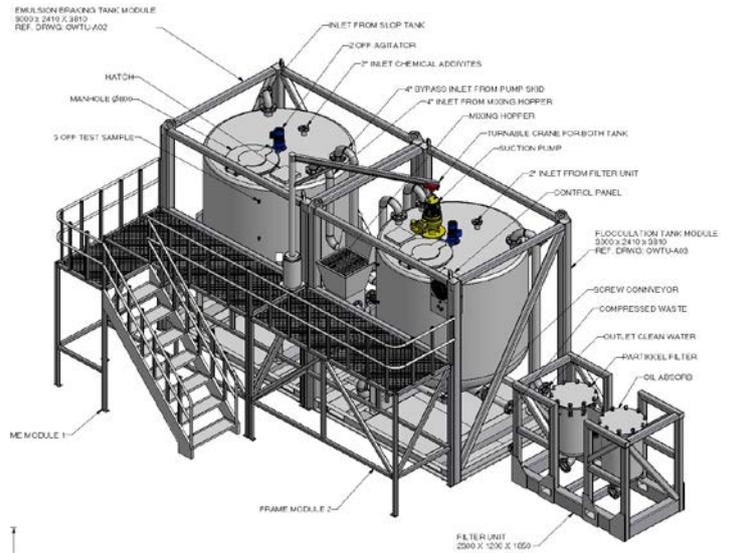
OE solutions AS

was started in des. 2008, and are a split up of earlier Moi AS offshore department. Experienced engineers and development of new smart products and are main focus for the company.

New more efficiency and reliable products, handled by less personnel are OE solutions main purposes.

Qualified according to;

- Qualified in Achilles (10999)
- Working in accordance to ISO9001
- All equipments are according to;
- CE-marked
- ATEX products



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