

Hydrau vision



Diesel-driven Hydraulic Power Unit with a maximum engine power output of 494 kW. Pressure or flow output values are variable up to a maximum effective hydraulic power of 410 kW. Equipped with a boost pump.

HPU with extra cooling and filtration systems. The internal and additional oil/air cooling systems are temperature controlled.

The HydrauPack 500+ is assembled in a Lloyd's Register certified 20 feet offshore high cube container according D.N.V. rules 2.7-1 and EN 12079 including rigging. The container is provided with both 4 lifting points and integrated forklift-trays to ensure easy handling.

HydrauPack 500+ H.P.U. in 20 ft HC container

Technical Specification

Max. working pressure	: 350 bar
Max. output flow	: 950 liter/min (variable up to 250 bar)
Max. output flow @ 350 bar	: 680 liter/min
Total engine power	: 494 kW (25°C)
Effective hydraulic power	: approx. 410 kW (25°C)
Operational temperature	: -15 up to + 40 °C
Boost pump	: 195 liter/min @ 25 bar
Hydraulic fluid	: H(V)L/ISO VG 46 (or on request)

Additional to standard HydrauPack 500:

Frequency drive oil/air cooler	: 270 kW @ T air = 40 °C
Circulation pump	: 400 liter/min @ 5 bar
Return filtration set	: 10 micron, 2 x 2600 liter/min

Overall length	: 6060 mm
Overall width	: 2440 mm
Overall height	: 2890 mm (excl. exhaust pipe)
Total weight excl. / incl. fluids	: 14000 kg / 18500 kg
Hydraulic oil tank capacity	: 3500 liter
Fuel tank capacity	: 1300 liter

Fluid connections	
Pressure (P)	: 3 pcs Q.C. Snap-tite series 75, 2" (male)
Return oil (T)	: 4 pcs Q.C. Tema T20020, 2" (male)
Drain (L)	: Q.C. Tema T15020, 1½" (male)
Auxiliary (A + B)	: ½" BSP, 16S, 4 pcs
Boost Pressure (PB)	: 2" SAE 3000 psi
Flush (F)	: 1" BSP, 28L
Filling point	: Q.C. flat face acc. ISO 16028, ½" (male)
Power supply nominal	: 400 /440 VAC, 32 A, 50/60 HZ, 3 phase +E
Detailed specifications	: on request

Benefits

- Intelligent electronic control systems
- Connection for electric remote control by Renter
- Offshore certified 20 ft. high cube container and rigging acc. DNV 2.7-1 and EN12079
- Additional temperature controlled cooling and filtration system
- Open hydraulic circuit

Scope of Supply

Included:

- Controller settings to customers specifications
- Remote control
- Power connector 32A-6h, 5-pole
- User manual

Excluded:

- Hydraulic hoses
- Electric power connection cable
- Filter elements
- Transport

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. Hydrau vision reserves the right to change specification without prior notice.

Revision: 04
Date : 28-09-2015

Hydrau vision



www.hydrau vision.com
+31 (0) 88 57 47 000

HydrauRent
HYDRAULIC RENTAL EQUIPMENT

