

Hydrau vision



Diesel-driven Hydraulic Power Unit with a maximum engine power output of 3 x 261 kW, combined engine power output is 783 kW. The hydraulic output of 3 x 195 kW can be combined in one connection, but also has 3 separate connections with quick connectors.

Special option: Beside the standard temperature controlled air cooling, an extra built-in seawater cooling system is available for operating in extreme warm (offshore) circumstances. If required three separate flush connections for external equipment are available.

The HydrauPack 750+ is assembled in a Lloyd's Register certified 20 feet offshore high cube container according D.N.V. rules 2.7-1, CSC and EN 12079 including rigging. The container is provided with both 4 lifting points and integrated forklift-trays to ensure easy handling.

HydrauPack 750+ 20 ft. HC container

Technical Specification

Max. working pressure	: 350 bar
Max. output flow	: 3 x 450 liter/min (variable up to 240 bar)
Max. output flow @ 350 bar	: 3 x 310 liter/min.
Total engine power	: 3 x 261kW @ 1800 rpm (25°C)
Effective hydraulic power	: 3 x 195 kW (25°C) approx.
Flush capacity	: 3 x 45 liter/min @ 30 bar
Cooling capacity air / oil	: 3 x 100 kw @ dT= 25 °C
Cooling capacity water / oil	: 300 kW @ seawater Tmax.= 30 °C
Operational temperature	: -20 up to 50 °C
Hydraulic fluid	: H(V)LP ISO VG 46, 68 (or other on request)

Overall length	: 6060 mm
Overall width	: 2440 mm
Overall height	: 2900 mm (excl. exhaust pipe)
Total weight excl. / incl. fluids	: 18000 kg / 22500 kg
Hydraulic oil tank capacity	: 3500 liter
Fuel tank capacity	: 3 x 500 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 (D)	: Q.C. Tema T15020, 1½" (male)
Filling point	: Q.C. flat face acc. ISO 16028, ½" (male)
Load sense (LS)	: G ½" BSP (plugged), 3 pcs
Flush (F)	: G 1" BSP (plugged), 3 pcs
System tank connection	: DIN Flange, DN 150, PN16
Seawater cooler	: 2,5" SAE 3000 psi, 2 pcs

Detailed specifications : on request

Benefits

- Intelligent electronic control system
- Connection for electric remote control by Renter
- Offshore certified 20 ft. high cube container and rigging acc. DNV 2.7-1 CSC and EN12079
- Air or / and water hydraulic cooling systems
- Flush connections for external equipment
- Open hydraulic circuit with pressure and load sense control
- For transport purposes exhaust pipe can be replaced by blinding plate and stored in HPU

Scope of Supply

Included:

- Controller settings to customers specifications
- User manual

Excluded:

- Hydraulic hoses with counter quick connectors
- Remote control
- 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.

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www.hydrau vision.com
+31 88 57 47 000

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