

# Hydrau vision



## HydrauPack 1150 20 ft. HC container

### Technical Specification

Max. working pressure	: 350 bar
Max. output flow	: 4 x 475 = 1900 liter/min (variable up to 260 bar)
Max. output flow @ 350 bar	: 4 x 365 = 1460 liter/min.
Total engine power	: 2 x 565 kW @ 1900 rpm (25°C)
Effective hydraulic power	: 2 x 425 kW (25°C) approx.
Fuel consumption	: approx. 2 x 199g/kWh or 133 l/h at full power
Cooling capacity air / oil	: 2 x 150 kW @ dT= 25 °C
Operational temperature	: -20 up to 45 °C
Hydraulic fluid	: H(V)L/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	: 18.760 kg / 25.610 kg
Hydraulic oil tank capacity	: 5000 liter
Fuel tank capacity	: 2700 liter

Fluid connections	
Pressure (P1-P3)	: 3 pcs Q.C. Snap-tite 75N32-32RP, 2" (male)
Return oil (T1-T3)	: 3 pcs Q.C. Snap-tite 75C32-32RP, 2" (female)
Return oil Auxiliary (T)	: 2 pcs Q.C. Tema 2" T20010 (female)
Drain (D)	: 1 pcs Q.C., Tema 1-1/2" T15020 (male)
Filling point	: 1 pcs Q.C. flat face acc. ISO 16028, 1/2" (male)
Load Sense (LS)	: 1 pcs G 1/2" BSP 12S
System tank connection	: 2 pcs DIN Flange, DN 150, PN16

Detailed specifications : on request

### Benefits

- Intelligent electronic control system with remote control box
- Connection for electric remote control by Renter
- Offshore certified 20 ft. high cube container and rigging acc. DNV 2.7-1 CSC and EN12079
- Powerpacks can be coupled in master/slave configuration with a max. of 4 powerpacks
- Proportional adjustable pretension return line
- Air cooling systems and additional oil/air cooling
- Open hydraulic circuit with electronic flow, pressure and load sense control
- For transport purposes exhaust pipe can be replaced by blinding plate and stored in HPU
- External emergency stop connection
- Easy maintenance due to multiple access doors
- Modular panels

### Scope of Supply

#### Included:

- Controller settings to customers specifications
- User manual
- Remote control box

#### 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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Diesel-driven Hydraulic Power Unit with a maximum engine power output of 2 x 565 kW Volvo TAD Tier 2; China Stage III, combined engine power output is 1130 kW.

Each engine comprises 2 x Danfoss D1P 260cc and 2 x 45cc variable pressure controlled PTO pumps for the fan drive.

The hydraulic output of approx. 2 x 425 kW is combined in three pressure connections with quick connectors.

Via a large tank connection a levelling hose can be connected to have more HydrauPacks coupled to increase the hydraulic power.

With the feature flow control proportional pressure control and Load Sense control, the HydrauPack 1150 can be used for a wide range of applications.

Beside the standard temperature controlled air cooling, an external air/oil cooler is optional for operating in extreme warm (offshore) circumstances.

The HydrauPack 1150 is assembled in a noise damped 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-pockets to ensure easy handling.

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[www.hydrau vision.com](http://www.hydrau vision.com)  
+31 88 57 47 000

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