



Hydrauvision has developed a range of powerpacks to drive hydraulic equipment, such as vibrohammers, impact hammers, winches, etc.

Depending on the customer's request, the powerpack uses a Volvo or Caterpillar engine.

The engine is fitted with a type D1, Danfoss high-pressure industrial pump. An optional pump can be fitted to drive a cutter or auger. The hydraulic pumps are electric displacement types and controlled by pushbuttons to vary the flow from 0-100%. An automatic oil warming function quickly brings the hydraulic oil to working temperature in cold weather.

The enclosure is made from coated steel plating and offers protection in tropical and marine environments. Two doors on each side provide maintenance access, and the roof can be removed easily for large maintenance work or replacement. Exhaust air is directed

upwards to prevent dust blowing around. The enclosure has two lifting eyes. Forklift pockets are available as an option.

The control system consists of a control panel with buttons for the basic functions and an IP 67 touch screen for advanced settings and alarm management. Remote access is an option, providing extra functionality for maintenance and troubleshooting.

Various options are available to match specific requirements. See options list.

These powerpacks are, of course, built according to CE regulations, low noise level, quality management standard ISO9001 and good workmanship.



Technical specifications per product type

With our various powerpack models, we can provide you with the exact solution you need. Our specialists will be happy to answer any questions you may have about our products. Feel free to call us at +31 88 57 47 000.



Type	P300	P400	P600	P800
Description	Diesel driven hydraulic powerpack	Diesel driven hydraulic powerpack	Diesel driven hydraulic powerpack	Diesel driven hydraulic powerpack
Dimensions (mm)	3800 x 1600 x 2150	3800 x 1600 x 2150	4700 x 1800 x 2272	5125 x 1800 x 2320
Total weight (excl. fluid)	5000 kg	5400 kg	7300/7750 kg	8500 kg
Max. oil flow	300 l/min	400 l/min	600 l/min	800 l/min
Max. working pressure	350 Bar	350 Bar	350 Bar	350 Bar
Engine	Volvo Penta D8 / Caterpillar C7.1	Caterpillar C9.3 or C9.3B	Volvo Penta D13 / Caterpillar C13B	Volvo Penta D16 / Caterpillar C18
Exhaust certification (EU)	Stage 3A / Stage V	Stage 3A / Stage V	Stage 3A / Stage V	Stage 3A / Stage V
Engine power (kW)	235 (Volvo) / 205-225 (CAT)	261-290 (CAT)	391-405 (Volvo) / 403 (CAT)	565-596 (Volvo) / 522-597 (CAT)
Noise level	81 dBa @ 7 m	82 dBa @ 7 m	83 dBa @ 7 m	84 dBa @ 7 m
Capacity hydraulic tank	850 L	850 L	1220 L	1800 L
Capacity diesel tank	525 L	525 L	730 L	1070 L
Electronics	PLC based, IP 67 -40 to 85°C	PLC based, IP 67 -40 to 85°C	PLC based, IP 67 -40 to 85°C	PLC based, IP 67 -40 to 85°C
Ambient conditions	-20 to +45°C	-20 to +45°C	-20 to +45°C	-20 to +45°C
Transport	In 20 ft open top container	In 20 ft open top container	In 20 ft open top container	In 20 ft open top container

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 specifications without prior notice.

Revision: 00 Date: 01-07-2020

Option list

- ➔ Tropical or Arctic version
- ➔ Diesel tank for 12 hrs or 16 hrs operation (8 hr operation is standard)
- ➔ Double walled fuel tank
- ➔ Hydraulic tank from SS316
- ➔ Sheet plating enclosure from SS316
- ➔ Offline cooling and filtering
- ➔ DNV 2.7.1 Offshore certified crash frame for offshore lifting
- ➔ Forklift pockets