

Hydraulic power pack



DRAGFLOW
DREDGING • MINING • INDUSTRY

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Hydraulic power pack

DP-EP 400

(Diesel and Electrical driven power packs)



Dragflow power packs are specifically designed for use with the Dragflow Pump HY400 with the option of using excavators model EXHY35 or other services. The power packs are based on first quality components:

- Caterpillar engines for Diesel Power Packs
- Rexroth Hydraulic oil pumps

and designed in order to provide the following advantages:

- Enhanced cooling of hydraulic plant
- Adaptability to different hydraulic applications
- Full control from an electronic and hydraulic control unit

Every Power Pack can be adapted to better fit customer needs with:

- Additional oil source to drive ancillary equipments (such as winches or water pumps)
- Remote control via Hydraulic line or Wireless connection
- Operator cabin for additional comfort
- Container style design

All Power Packs are manufactured and tested by Dragflow and are supplied with training and supervision of a technician from Italy.

DIESEL VERSION*

Diesel engine (Caterpillar CAT C18)

Max power: 560 kW @ 1.800 rpm

Cylinder bore: 145mmx152mm

Max torque: 2.250 Nm

V 8 cylinders

Fuel consumption: 208gr/kWh

Electric plant: 24V

Battery: 2x180Ah

Digital/electronic control panel

Oil tank: 330 litres

Fuel tank: 1.260 litres**

ELECTRIC VERSION*

Electric Engine in accordance with CE rules

Power: 132 kW (n° 3)

Voltage 380v - 440V

Frequency 50 Hz - 60Hz

Electric plant: 24V

Electric control board

Kit Voltmeter and Ammeter

Oli tank

Hydraulic oil pumps

Hydraulic oil pumps

- N° 1 OIL PISTON PUMP

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Total flow rate: 605 l/min.

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Pressure rating: 300bar

Pressure rating: 300bar

Peak pressure: 420bar

Peak pressure: 420bar

- N° 1 OIL PISTON PUMPS FOR SERVICES (OPTIONAL)

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Total flow rate: 110 l/min.

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Pressure rating: 250bar

Pressure rating: 250bar

Peak pressure: 400bar

Peak pressure: 400bar

Max oil continuous temperature: 80°C

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And c/w

And c/w

Sound proof canopy

Maintenance light

Maintenance light

Service power socket

Service power socket

Hydraulic and Digital control panel

Hydraulic and Digital control panel

** In case of full Dredger fuel tank will be built inside the hull for high capacity and stability

* Refer to the relevant commercial offer for details of specific offer

* Other Diesel engine available on demand

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