

# *Hydraulic power pack*



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## **Dragflow srl**

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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 a 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*	ELECTRIC VERSION*
<b>Diesel engine (Caterpillar CAT C18)</b>	<b>Electric Engine in accordance with CE rules</b>
<b>Max power: 560 kW @ 1.800 rpm</b>	Power: 132 kW (n° 3)
<b>Cylinder bore: 145mmx152mm</b>	Voltage 380v - 440V
<b>Max torque: 2.250 Nm</b>	Frequency 50 Hz - 60Hz
<b>V 8 cylinders</b>	Electric plant: 24V
<b>Fuel consumption: 208gr/kWh</b>	Electric control board
<b>Electric plant: 24V</b>	Kit Voltmeter and Ammeter
<b>Battery: 2x180Ah</b>	
<b>Digital/electronic control panel</b>	
<b>Oil tank: 330 litres</b>	Oli tank
<b>Fuel tank: 1.260 litres**</b>	
Hydraulic oil pumps	Hydraulic oil pumps
<b>- N° 1 OIL PISTON PUMP</b>	<b>- N° 1 OIL PISTON PUMP</b>
<b>Total flow rate: 605 l/min.</b>	Total flow rate: 605 l/min.
<b>Pressure rating: 300bar</b>	Pressure rating: 300bar
<b>Peak pressure: 420bar</b>	Peak pressure: 420bar
<b>- N° 1 OIL PISTON PUMPS FOR SERVICES (OPTIONAL)</b>	<b>- N° 1 OIL PISTON PUMPS FOR SERVICES (OPTIONAL)</b>
<b>Total flow rate: 110 l/min.</b>	Total flow rate: 110 l/min.
<b>Pressure rating: 250bar</b>	Pressure rating: 250bar
<b>Peak pressure: 400bar</b>	Peak pressure: 400bar
<b>Max oil continuous temperature: 80°C</b>	Max oil continuous temperature: 80°C
And c/w	And c/w
<b>Sound proof canopy</b>	Maintenance light
<b>Maintenance light</b>	Service power socket
<b>Service power socket</b>	Hydraulic and Digital control panel
<b>Hydraulic and Digital control panel</b>	

\*\* 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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Technical data subjected to changes at design phase.