

Hydraulic power pack



DRAGFLOW
DREDGING • MINING • INDUSTRY

www.dragflow.it

Dragflow srl

Via Pasubio, 40 - 37069 Villafranca (VR) Italy
tel. +39.045.6304521 - fax +39.045.6335758
info@dragflow.it - www.dragflow.it

Hydraulic power pack DP-EP 300

(Diesel and Electrical driven power packs)



Dragflow power packs are specifically designed for use with the Dragflow Pump HY300 with the option of using excavators model EXHY35 or other equipments (such as winches and hoist). The power packs are based on first quality components:

- Caterpillar or IVECO engines for Diesel Power Packs
- CE Electric motor (Siemens) for Electric driven 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*	ELECTRIC VERSION*
Diesel engine (Iveco C10ENTX or CAT C13)	Electric Engine in accordance with CE rules
Continuous power: 310kW @1.800rpm	Power: 132 kW + 1 with 55kW
Cylinder bore: 135mmx150mm	Voltage 380v - 440V
Max torque: 1900 Nm	Frequency 50 Hz - 60Hz
6 cylinders in line	Electric plant: 24V
Fuel consumption: 208gr/kWh	Electric control board
Electric plant: 24V	Kit Voltmeter and Ammeter
Battery: 2x180Ah	Electric control panel
Digital/electronic control panel	
Oil tank: 330 litres	Oil tank
Fuel tank: 1.260 litres**	
Hydraulic oil pumps	Hydraulic oil pumps
- N° 1 OIL PISTON PUMP	- N° 1 OIL PISTON PUMP
Total flow rate: 375 l/min.	Total flow rate: 375 l/min.
Pressure rating: 380bar	Pressure rating: 380bar
Peak pressure: 420bar	Peak pressure: 420bar
Max oil continuous temperature: 80°C	Max oil continuous temperature: 80°C
- N° 1 OR 2 OIL PISTON PUMPS FOR SERVICES (optional)	- N° 1 OR 2 OIL PISTON PUMPS FOR SERVICES (optional)
Total flow rate: 110 l/min.	Total flow rate: 110 l/min.
Pressure rating: 250bar	Pressure rating: 250bar
Peak pressure: 400bar	Peak pressure: 400bar
Max oil continuous temperature: 80°C	Max oil continuous temperature: 80°C
And c/w	And c/w
Sound proof canopy	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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Technical data subjected to changes at design phase.