

Hydraulic power pack



DRAGFLOW
DREDGING • MINING • INDUSTRY

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Hydraulic power pack

DP-EP 050E22



Hydraulic power pack especially designed for use with the Dragflow dredging pump models HY50 with or without two excavators model EXHY20. The power packs are based on Iveco NEF N67 or CAT C6 diesel engines, that complies with latest European emission requirements, or Electric engine.

Power packs are based on first quality components 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* NEF N67 or CAT C6)	Electric engine (EU Compliant)
Continuous power: 89kW @1800rpm	Power: 90kW
N.2 valves per cylinder	400 – 600 V
4 cylinders in line	50 – 60Hz
Fuel consumption: 230gr/kWh	Digital/electronic control panel
Electric plant: 12V	
Battery: 1x180Ah	
Digital/electronic control panel	
Hydraulic oil pumps	Hydraulic oil pumps
- N° 1 OIL PISTON PUMP	- N° 1 OIL PISTON PUMP
Need of oil: 90l/min.	Need of oil: 90l/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 OIL PISTON PUMP	- N° 1 OIL PISTON PUMP
Need of oil: 70l/min.	Need of oil: 70l/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
Maintenance light	Maintenance light
Service power socket 12V	Service power socket 12V
Optional: Sound proof canopy	

* Other Diesel engine available on demand

* Refer to specific commercial offer for details about quotes items

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Technical data subjected to changes at design phase.