

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 085E22



Hydraulic power pack especially designed for use with the Dragflow dredging pump models HY50/108 o HY85 with or without two excavators model EXHY20. The power packs are based on Iveco NEF N45 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 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

Diesel engine (IVECO NEF N67 or CAT C6)

Max power: 129kW @2.200rpm	Power: 130kW
Continuous power: 122 kW@1.800rpm	400 – 600 V
Cylinder bore: 104mmx132mm	50 – 60Hz
Max torque: 700Nm@1.400rpm	Digital/electronic control panel
6 cylinders in line	
Fuel consumption: 208gr/kWh@1.400rpm	
Diesel/oil tank: 760 l	
Electric plant: 12V	
Battery: 1x180Ah	
Digital/electronic control panel	

ELECTRIC VERSION

Electric engine (EU Compliant)

Hydraulic oil pumps

- N° 1 OIL PISTON PUMP	- N° 1 OIL PISTON PUMP
Need of oil: 130l/min.	Need of oil: 90l/min.
Pressure rating: 380bar	Peak pressure: 420bar
Peak pressure: 420bar	Pressure rating: 200bar
Max oil continuous temperature: 80°C	Max oil continuous temperature: 80°C

Hydraulic oil pumps

- 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

Integrated digital and hydraulic control panel	Maintenance light
Maintenance light	Service power socket 12V
Service power socket 12V	
Option: Sound Proof Canopy	

And c/w

* Other Diesel engine available on demand
 * Refer to specific commercial offer for details about quotes items

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