

# Hydraulic power pack



**DRAGFLOW**  
DREDGING • MINING • INDUSTRY

[www.dragflow.it](http://www.dragflow.it)

**Dragflow srl**

Via Pasubio, 40 - 37069 Villafranca (VR) Italy  
tel. +39.045.6304521 - fax +39.045.6335758  
[info@dragflow.it](mailto:info@dragflow.it) - [www.dragflow.it](http://www.dragflow.it)

# Hydraulic power pack

# DP-EP 85/160

(Diesel and Electrical driven power packs)



Dragflow power packs are specifically designed for use with the Dragflow Pump HY85/160 with the option of using excavators model EXHY20 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 or Brevini 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*                                  |
|---|--|
| <b>Diesel engine (Iveco Cursor C87 or CAT C9)</b> | <b>Electric Engine in accordance with CE rules</b> |
| <b>Continuous power: 230kW @1.800rpm</b>          | Power: 132 kW + 1 with 55kW                        |
| <b>Cylinder bore: 117mmx136mm</b>                 | Voltage 380v - 440V                                |
| <b>Max torque: 1400 Nm</b>                        | Frequency 50 Hz - 60Hz                             |
| <b>6 cylinders in line</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>                           | Electric control panel                             |
| <b>Digital/electronic control panel</b>           |  |
| <b>Oil tank: 330 litres</b>                       | Oil 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: 240 l/min.</b>                          | Total flow rate: 240 l/min.                                 |
| <b>Pressure rating: 380bar</b>                              | Pressure rating: 380bar                                     |
| <b>Peak pressure: 420bar</b>                                | Peak pressure: 420bar                                       |
| <b>Max oil continuous temperature: 80°C</b>                 | Max oil continuous temperature: 80°C                        |
| <b>- N° 1 OR 2 OIL PISTON PUMPS FOR SERVICES (optional)</b> | <b>- N° 1 OR 2 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>                  | Roof-up side canvas                 |
| <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 |

\*\* 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

**DRAGFLOW**  
DREDGING • MINING • INDUSTRY

www.dragflow.it