

Hydraulic power pack



DRAGFLOW
DREDGING • MINING • INDUSTRY

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Hydraulic power pack

DP-EP 035E22



Hydraulic power pack especially designed for use with the Dragflow dredging pump models HY35B with or without two excavators model EXHY20. The power packs are based on Iveco NEF N45 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 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 N45 or CAT C6)

| | |
|----------------------------------|----------------------------------|
| 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 | |

ELECTRIC VERSION

Electric engine (EU Compliant)

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 |

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

| | |
|------------------------------|------------------------------|
| Maintenance light | Maintenance light |
| Service power socket 12V | Service power socket 12V |
| Optional: Sound proof canopy | Optional: Sound proof canopy |

And c/w

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