Submersible Dredge Pump ESDP250

The Submersible Dredge Pump ESDP250 is a high concentration, efficient, wear resistant and low maintenance dredge pump of the Eureka pump collection. Its use is for underwater purpose in combination with several dredge tools like jet head, cutter, auger, etc.

**General information:**
- Max. capacity mixture: 1250 m³/hr
- Max. pump speed: 850 rpm
- Max. power at shaft: 185 kW
- Power source: Hydraulic/Electric
- Suction diameter: Ø250 mm
- Pressure diameter: Ø200 mm
- Spherical passage: Ø130 mm
- Impeller blades: 3 pcs
- Impeller size: 660 mm
- Wear parts: Nihard 4 ±65 HRL
- Weight (Hydraulic): 2100 kg
- Weight (Electric): ...... kg

* at 4½ bar (water)
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**Dredging Tools**

**Water Jet**
- Jet Pressure: 7 bar
- Water flow: 200 m³/hour
- Water jet pump:
  - Max. power at shaft: 55 kW

**Cutter Drive**
- Max. power at shaft: 31 kW
- Oil flow: 93 l/min
- Oil pressure P at motor: 200 bar

**Flat Barge Head**
- Jet Pressure: 4-6 bar
- Water flow: 150 m³/hour
- Water jet pump:
  - Max. power at shaft: 30 kW

**Auger Head**
- Max. power at shaft: 33 kW
- Oil flow: 99 l/min
- Oil pressure P at motor: 200 bar