The Submersible Dredge Pump ESDP300 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:**
- Capacity max.: 1900 m³/hr
- Pump shaft speed max.: 750 rpm
- Max. power at shaft: 320 kW
- Suction diameter: 305 mm
- Pressure diameter: 300 mm
- Spherical passage: 150 mm
- Blades: 3 pcs
- Impeller size: 790 mm
- Weight (Hydro): 3200 kg
- Excavator weight: ±70 ton

* at 4½ bar.
Submersible Dredge Pump ESDP300

Dredging Tools

Water Jet
Pressure: 8 bar
Water flow: 500 l/min
Height: 1360 mm

Cutter Drive
Max. power at shaft: 42 kW
Oil flow: 100 l/min
Oil pressure P at motor*: 250 bar
Height: 1590 mm

Flat Barge Head
Pressure: 4-6 bar
Water flow: 250 l/min
Height: 460 mm

Auger Head
Soft soil: Sand, gravel, slick, etc.
Soft & hard soil: Clay, sand, gravel, slick, rock, etc.
Bulk material: Sand, gravel, etc.

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