The Submersible Dredge Pump ESDP400 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. 3200 *m^3/hr*
- Pump shaft speed max. 630 *rpm*
- Max. power at shaft 480 *kW*
- Suction diameter 400 mm
- Pressure diameter 350 mm
- Spherical passage 220 mm
- Blades 3 pcs
- Impeller size 920 mm
- Weight (Hydro) 5800 kg
- Excavator weight ±125 ton

* at 4½ bar.
Submersible Dredge Pump ESDP400

Dredging Tools

Water Jet
Pressure: 8 bar
Water flow: 800 l/min
Height: 1780 mm

Cutter Drive
Max. power at shaft: 54 kW
Oil flow: 130 l/min
Oil pressure P at motor*: 250 bar
Height: 2000 mm

Flat Barge Head
Pressure: 4-6 bar
Water flow: 400 l/min
Height: 560 mm

Soft & hard soil.: Clay, sand, gravel, slick, rock, etc.

Bulk material: Sand, gravel, etc.

Sand, slurry, gravel