The Submersible Dredge Pump ESDP450 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. 4500 *m³/hr*
- Pump shaft speed max. 480 *rpm*
- Max. power at shaft 680 *kW*
- Suction diameter 450 mm
- Pressure diameter 400 mm
- Spherical passage 280 mm
- Blades 3 pcs
- Impeller size 1170 mm
- Weight (Hydro) 8800 kg
- Excavator weight ± 200 ton

* at 4½ bar.
Submersible Dredge Pump ESDP450

Dredging Tools

Water Jet
- Pressure: 8 bar
- Water flow: 1000 l/min
- Height: 1980 mm

Cutter Drive
- Max. power at shaft: 65 kW
- Oil flow: 160 l/min
- Oil pressure P at motor*: 250 bar
- Height: 2300 mm

Flat Barge Head
- Pressure: 4-6 bar
- Water flow: 500 l/min
- Height: 610 mm

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

Soft soil: Sand, gravel, slick, etc.

Auger Head
- Sand, slurry, gravel

Cutter

Dutch Dredgers BV
Maasstraat 3
NL-7071 VR Uithoorn

Phone: 0 (031) 315 377 605
Email: info@dutchdredgers.com
Website: www.dutchdredgers.com

Dutch Dredgers