The Eureka submersible dredge pump (ESDP) is a high concentration, efficient, wear resistant and low maintenance dredge pump. Its use is for under water purpose in combination with several dredge tools.

General information:
- Max. capacity mixture 450 *m³/hr
- Max. pump speed 1350 *rpm
- Max. power at shaft 70 *kW
- Power source Hydraulic/Electric
- Suction diameter Ø150 mm
- Pressure diameter Ø125 mm
- Spherical passage Ø100 mm
- Impeller blades 3 pcs
- Impeller size 400 mm
- Wear parts Nihard 4 ±65 HRL
- Weight (Hydraulic) ±610 kg
- Excavator weight ±14 ton

* at 4½ bar (water)
**Submersible Dredge Pump ESDP150**

**Dredging Tools**

**Water Jet**
- Jet Pressure: 7 bar
- Water flow: 125 m³/hour
- Water jet pump:
  - Max. power at shaft: 45 kW

**Cutter Drive**
- Max. power at shaft: 15 kW
- Oil flow: 45 l/min
- Oil pressure P at motor: 200 bar

**Flat Barge Head**
- Jet Pressure: 4-6 bar
- Water flow: 100 m³/hour
- Water jet pump:
  - Max. power at shaft: 25 kW

**Auger Head**
- Max. power at shaft: 15 kW
- Oil flow: 45 l/min
- Oil pressure P at motor: 200 bar

**Submersible Dredge Pump ESDP150**

**Dredging Tools**

**Water Jet**
- Jet Pressure: 7 bar
- Water flow: 125 m³/hour
- Water jet pump:
  - Max. power at shaft: 45 kW

**Cutter Drive**
- Max. power at shaft: 15 kW
- Oil flow: 45 l/min
- Oil pressure P at motor: 200 bar

**Flat Barge Head**
- Jet Pressure: 4-6 bar
- Water flow: 100 m³/hour
- Water jet pump:
  - Max. power at shaft: 25 kW

**Auger Head**
- Max. power at shaft: 15 kW
- Oil flow: 45 l/min
- Oil pressure P at motor: 200 bar

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

**Soft soil:** Sand, gravel, slick, etc.

**Bulk material:** Sand, gravel, etc.

**Sand, slurry, gravel**