**Core dredge 40**

High performance dredging made accessible.
Dutch design & short delivery time.

**Production:**
- Total installed power: 655 kW
- Production: 2500 m³/hour

**Dredge Installation**
- Dredge pump drive: Doosan, Caterpillar, Cummins
- Power: 530 kW @ 1800 rpm
- Dredge pump: GIW / Warman
- Cutter: ECT Marine
- Teeth system: ESCO
- Cutter power: 75 kW
- Cutter speed: variable 0..30 rpm

**Auxiliary Drive**
- (Driving electric generator, winches, cutter, spuds)
- Auxiliary engine: Volvo, Doosan, Caterpillar, Cummins
- Power: 125 kW @ 1800 rpm

**Electric Installation**
- Voltage: 24V DC/230V
- Electric generator: 20 Kva

**Tank Capacities**
- Fuel oil: 12 m³

**Features**
- High efficiency dredge pump
- Transportable by road
- High quality components
- Efficient fuel consumption
- Luxurious operator cabin

**Main Dimensions**
- Length overall, ladder up: 26 m
- Length over pontoons: 18 m
- Breadth: 5 m
- Dredging depth: 10 m
- Suction pipe diameter: 450 DN
- Discharge pipe diameter: 400 DN

**Winches**
- Ladder winch:
  - Line pull first layer: 38 kN
  - Speed: 0.20 m/min
- Swing winches (2x):
  - Wire pull first layer: 38 kN
  - Hauling speed: 0.20 m/min
  - Anchors (each): 400 kg

**Optional Equipment**
- Production measurement
- Increased dredging depth
- Plain suction front part
- Spud carrier system
- Electric powered
  - Dredge monitoring tracking system
  - Air conditioning
  - Spare part package
  - Diesel generator set
  - UWP (Underwater pump)