Core dredge 35

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

**PRODUCTION:**
- Total installed power: 500 kW

**DREDGE INSTALLATION**
- Dredge pump drive: Caterpillar, Volvo or Doosan
- Power: 441kW@1900 rpm
- Dredge pump: GIW/ WARMAN
- Cutter: ECTMarine 5 blades
- Tooth system: ESCO
- Cutter power: 55 kW
- Cutter speed: variable 0..30 rpm

**AUXILIARY DRIVE**
- (Driving electric generator, winches, cutter, spuds)
- Auxiliary engine: Caterpillar, Doosan or Volvo
- Power: 100kW@2200rpm

**ELECTRIC INSTALLATION**
- Voltage: 24V DC/230V
- Electric generator: 15 Rva

**TANK CAPACITIES**
- Fuel oil: 9 m³

**FEATURES**
- High efficiency dredge pump
- Transportable by road
- Heavy duty design
- Low maintenance
- Modular design
- High quality components
- Efficient fuel consumption
- Luxurious operator cabin

**MAIN DIMENSIONS**
- Length overall, ladder up: 23 m
- Length over pontoons: 15 m
- Breadth: 5 m
- Dredging depth: 8 m
- Suction pipe diameter: 400 mm
- Discharge pipe diameter: 350 DN

**WINCHES**
- Ladder winch
  - Line pull first layer: 32 kN
  - Speed: 0..20 m/min
- Swing winches (2x)
- Wire pull first layer: 32 kN
- Hauling speed: 0..20 m/min
- Anchors (each): 250 kg

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