

SMALL SIZE CUTTER SUCTION DREDGER (C.S.D.)

DC Volkracht II**MAIN PARTICULARS**

| | |
|----------------------------|---------|
| Length o.a. | 15,20 m |
| Length over pontoons | 7,20 m |
| Breadth | 2,25 m |
| Breadth pontoons alongside | 3,50 m |
| Depth minimum | 0,50 m |
| Depth normal | 0,70 m |
| Airdraft | 1,40 m |
| Airdraft without cabin | 0,90 m |
| Total weight | 18 ton |

PROPULSION

| | |
|-------------|-----------------|
| Main engine | Deutz |
| Output | 180 kW (240 pk) |

DREDGING SYSTEM

| | |
|---------------------|---|
| Dredging pump | XPA – 1600 (2x) XPA-1557 (2x) |
| Power at shaft | 150 kW (200 pk) |
| Jet pump | 22 kW (30 pk) |
| Cutter | 22 kW (30 pk) |
| Pump capacity | 300 – 900 m ³ /hr. |
| Production capacity | 50 – 200 m ³ /hr. (soil) |
| Suction pipes | approx. 250 mm |
| Pression distance | 1.000 – 4.000 m (depends of type of material) |
| Dredging depth | 0,50 m (minimum) |
| Max. depth cutter | 4.00 m – 8.00 m. |
| Suction pipe | 10.00 m |
| Anchor | 4 winches (1.500 kg each) |
| Spuds | 3 spuds |
| Dredging pump drive | G.M. Type 8 V 71 - 350 PK |

