



## SMALL SIZE CUTTER SUCTION DREDGER

## DC VOLKRACHT

**GENERAL DATA**

Ship Yard	<i>De Donge</i>
Year of construction	<i>1991</i>
Flag	<i>The Netherlands</i>

**MAIN PARTICULARS**

Length o.a. (incl. ladder)	<i>37,50 m</i>
Length pontoons	<i>35,00 m</i>
Breath o.a. pontoons	<i>3,50 m</i>
Draught main pontoon	<i>1,40 m</i>
Draught side pontoon	<i>0,40 m</i>
Length main pontoon (hull)	<i>7,20 m</i>
Breath main pontoon (hull)	<i>2,25 m</i>
Length side pontoon (hull)	<i>6,00 m</i>
Breath side pontoon (hull)	<i>0,60 m &amp; 0,80 m</i>
Draught min.	<i>0,50 m</i>
Draught normal	<i>0,70 m</i>
Airdraft	<i>1,40 m</i>
Airdraft without cabin	<i>0,90 m</i>

**DREDGING SYSTEM**

Dredging pump	<i>Hollandsche IJssel, double walled 8" -10"</i>
Capacity	<i>300-900 m<sup>3</sup>/h</i>
Production capacity	<i>200-500 m<sup>3</sup>/h (soil)</i>
Suction pipe	<i>10,00 m</i>
Min. dredging depth	<i>0,50 m</i>
Max. dredging depth	<i>18,00 m</i>
Swing area	<i>7,00 m</i>
Cutter	<i>22 kW, Hydraulically driven</i>
Dredge pump	<i>Staffa</i>
Speed	<i>Variable</i>
Power	<i>22 kW</i>

**POWER INSTALLED**

Engine	<i>Deutz BF6L (diesel)</i>
Power	<i>158 kW</i>
Power supply	<i>24V</i>
Fuel Oil	<i>10 m<sup>3</sup> (pontoon)</i>

**PROPULSION**

Main engine	<i>Deutz BF6L513RC</i>
Output	<i>180 kW/245PK</i>

**SPUD SYSTEM**

Spud legs	3x
Spud length	2,00 m & 6,00 m
Spud leg lifting	Hydraulically driven

**SPUD CARRIER GUIDING**

Length pontoon	6,00 m
Breath pontoon	2,22 m
Draught pontoon	1,30 m
Weight	7 tons

**ANCHORS**

Anchors	4x Delta flipper
Weight	250 kg
Winches	4x 12 kn

**BOOSTER STATION**

Engine	CAT-343 (diesel)
Power	420 kW
Dredge pump	10" Warman

