



DISCOVERY

Multi-purpose Multicat

The Discovery is a multifunctional work vessel, a such called multicat. With a working deck from over 100 square meters, it is extremely suitable for dike works, dredging assistance and other water works.

Exploitation

Name:	Discovery
Type:	Shallow drafted Multi-purpose Multicat
Classification:	SI (MCA)
Flag:	Dutch (NL) (option UK)
Owner:	KW Trans Shipping BV

Dimensions

Clear deck space:	approx. 100 m ²
Length:	20,70 m
Beam:	9,00 m
Depth:	Min. 1,20 m
Height:	6,20-10,00 m

Bunkering

Gas oil:	cap. 23 m ³
Fresh water:	cap. 25 m ³
Dirty oil:	cap. 1,5 m ³
Sewage:	500 L

Performance

Speed approx:	10 knots
Propulsion:	2 Veth-Jet Z-Drives VZ-400A
Main engines:	2x Volvo-Penta D13MH (CCR2)
Total output:	1200 bhp
Generator sets:	30 kVA S4S
Pushing capacity:	6534 m ³
10 ton Bollard Pull:	Duw 6534 m ³

Navigation equipment

Radar system:	Yes
Echo Sounder:	Yes
AIS:	Yes

Deck equipment

Towing/Anchor:	2x 27 tons
Deck crane:	1x140 Tm. 6S 5600 kg at 19m
Spud Poles:	yes
Hydr. Power:	Yes
Transfer Pumps:	Yes
Air compressor:	Yes

Moon pool (serveying)

Breadth:	550 mm
Length:	760 mm

Fixed Hool Use				Heila HLRM 140 6S			
M	6.28	8.35	10.42	12.48	14.6	16.82	19.03
KG	19,700	14,450	11,350	9,350	7,800	6,550	5,650
Single line pull use							
M	5,80	7,76	9,94	12,00	14,12	16,34	18,54
KG	4000	4000	4000	4000	4000	4000	4000
Double line pull use							
M	5,96	8,02	10,09	12,16	14,28	16,50	18,70
KG	8000	8000	8000	8000	7800*	6550*	5650*

