



KIVA MARINE EXPLORATION VESSEL MV ANUANUA MOANA



DECK AREA AND SERVICES

Clear deck space (including containers)	280 m ²
Deck Strength	5 mt / m ²
Moon Pool	2 x circular each 950 mm diameter

POWER CONNECTIONS

Deck power	250 Kw
Primary & secondary transformers	180 kva
Total Connections	18 pcs
Connections Port & Starboard sides	2 pcs 440V~60hz, 63 Amp 3 pcs 400V ~ 60hz, 32 Amp 4 pcs 230v-60hz, 16 Amp

CRANE LIFTING EQUIPMENT

Main Crane	TTS Knuckle boom Model GPCKO 1250-30-20
Main Hoist wire length	250 m
SWL	25 mt @ 12 m / 10 t @ 20 m
Aux hoist wire length	276 m
SWL	5 mt @ 18.50 m
EMV Crane	4 t x 12 m outreach

SURVEY EQUIPMENT

Multibeam - Full Ocean depth	Kongsberg EM 304 Mk 11
Multibeam - 1,000 meters	Kongsberg EM 2040
Scientific wide-band echo sounder	Kongsberg EK80 (multi freq.)
Sub-bottom profiler	Kongsberg SBP 29
Processing	- Online Qinsy - Offline Caris

SAMPLING SYSTEMS

Box Coring (2 off) - 0.75 m ²	BX750
Multi-corer (1 off)	MC800
Free-fall Grab (10 off)	Camera, lights and CTD ready
Water sampler (2 off)	Seabird 9/11 + CTD Seabird 32 Rosette (12/24) bottle
Water Chemistry	Dissolved Oxygen Sensors Ultraviolet Fluorometer Chlorophyll Fluorometer
Camera System (10 off)	HD Camera (Still and Video) Lights (3,000 lumens) Green Lasers
Water Profiler (3 off)	AML-3 CTD Profiler

SUBSEA TRACKING

Long range tracking (10,000 m)	Sonardyne ranger 2
Transponders (2 off)	Sonardyne compatible

SAMPLE PROCESSING

Laboratory - Wet	Bespoke 20' Conex
Laboratory - Clean	Bespoke 20' Conex
Laboratory - Geology	Bespoke 20' Conex
Workshop - Clean	Integral to vessel
Chilled water	1,000 liters / day
Freezer (2 off)	-80°C Chest Type
Freezer (2 off)	-20°C Upright Type
Sieve Table	

DECK HANDLING SYSTEMS

Aft deck	10 tonne SWL A-Frame 3.5T Dynacon 421 Levelwind winch Sheave + Counter & Load cell 10km Synthetic wire (Amsteel)
Port Side	8 SWL tonne A-Frame 3T DESH-5 Levelwind Winch 6km Synthetic wire (Amsteel) Line Tension Meter and Load Cell
Hydraulic power units	

REMOTELY OPERATED VEHICLE

Depth rating	6,000 meters
Hydraulic Power Unit	15kW/20HP
Manipulators	2 x 7 function
Payload Capacity	250 kg / 550 lbs
Monitoring	Multi Video Channels Multi Sensor Interface

For enquiries, kindly email us at info@kiva-marine.com



This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented, no guarantees of accuracy have been given.