

MSV Explorer

All Specifications

Main Structure

- Floating hull, cockpit and torpedo's... Average 8mm GRP
- Colour & Finish... Rai 1023 Traffic Yellow Super High Gloss
- 4 way bulkheads in floating hull
- Cockpit hemisphere... Hand finished 40mm cast acrylic
- Detachable weight sled, MS galvanised and sprayed
- All other metals, 316 stainless steel
- Two sealed bulkhead inspection hatches (topside)
- Two service hatches inside upper cockpit
- Length... 3.5 metres
- Beam... 2.25 metres
- Draft... 1.5 metres
- Weight... 1.6 tonnes + occupants
- Seats... x3
- Upholstery... Top grade marine vinyl
- Non slip deck
- Cleats... x3
- Rubber fenders
- 50mm mirror polished stainless steel walk on hand rail

Power and Performance (General)

- Propulsion... 24 volt AC Thrusters... x2
- Available amps (standard)... 440
- Both 12 and 24 volt systems
- Power output at boost... +5hp per tonne
- Power output at full throttle... +3hp per tonne
- Propulsion... Battery use cycle @ constant boost... +3hrs
- Propulsion... Battery use cycle @ full throttle... +16hrs
- Propulsion... Battery use cycle @ standard use... +100hrs
- Main lighting... Battery use cycle (all)... +6hrs
- Support services... Battery use cycle (all)... +8hrs
- Extra battery use cycle available if required (extra)
- Battery recharge cycle... 8hrs
- Battery recharge cycle reduced to... 1hr (extra)



Equipment (General)

- Electric lift upper canopy with hand remote and quick safety release
- MSVexbox central control system... IP 68... x1
- Main controls... Can joysticks... IP 68... x2
- Propulsion... 24 volt AC thrusters... x2
- TV eye camera topside, Inc. high resolution colour data store monitor... x1 (joystick, P+T extra)
- Wide angle under water camera and mount Inc. high resolution colour data store monitor... x1 (joystick, P+T extra)
- Hydrophonic System
- Led systems monitors in upper cockpit carbon fibre dash
- HL led bulkhead, cockpit and dash courtesy lights... x7
- HL led topside, front and rear spotlights... x4 (joystick, P+T extra)
- EHL led 4 direction under water spotlights... x8
- EHL led 180 degree (spread) headlamps... x2
- Hand remote (Main lights)... x1
- 360 degree Nav light (white)... x1
- Bilge pumps... x5
- Ducted cool air system
- 110 amp Lithium Batteries... x4
- Battery management system
- On-board battery chargers Inc. shore connections... x2
- Solar panel batter recharge system

Equipment (Safety)

- CO2 detector... x1
- Extinguisher... x1
- Externally audible push button alarm... x1
- Cords...
- Ship to ship com system... Life jackets... x3

MSVEX Movie Machine(Brief Specifications)

Includes MSVEX general specification adjusted by addition or replacement of the following:

- Dedicated Can-z Joystick with all camera and mount functions rated IP68... x1
- Data Store High Resolution Colour Monitors... x2
- High resolution proximity sonar... x1
- Gyro stabilised 350 by 180 degree telescopic pan and tilt, Joystick controlled universal camera mount to suit any camera and housing preferred... x2

MSVEX Survey(Brief Systems Specification)

Includes MSVEX general specification adjusted by addition or replacement of the following:

- Gyro stabilised pan and tilt, joystick controlled HD cameras, both over and under, with high resolution colour data store monitor
- Joystick controlled Mini ROV rated 70 metres, with lights and camera rated to 70 metres, with high resolution colour data store monitor