



FMV 40 Plus

The FMV-40's relatively small dimensions enable the vehicle to transport a wide variety of tooling devices into tighter spaces.

Additionally, its powerful hydraulic thrusters and six function manipulator arm allow the vehicle to perform tasks often left to much larger ROVs.

Features

- 7 Function real time movement Kraft Predator Arm skid
- Pipe tracking wheeled skid
- Sea bed survey skid
- 30 HP Auxiliary hydraulic skid
- Free fly umbilical
- Auxiliary PDU
- Subsea transformer
- In house tooling
- Heads Up display and Video Overlay
- Auto Heading & Auto Depth Functions

System Specifications

Weight (in air)	1065 kg without payload	Lights	4 X 250 Watt 1 X 500 Watt
Payload	181.5 kg	Structure	6061-T6 Aluminum with 316 stainless steel fixtures
Size	251.5 cm Long 142.3 cm Wide 147.3 cm Height	Light Controls	3 variable intensity light circuits, controlling 4 deep sea lights and black light circuit
Depth Rating	350m	Control	ISE advanced telemetry control system Twisted wire pair to GESPEC
Buoyancy	Syntactic Foam	Sonar	Simrad MS 900 colour imaging
Propulsion	6 Ultra high efficient hydraulic thrusters	Solenoid Valve Manifold	5 GPM 1000 PSI 5 Spares
Cameras	Colour, Sit, Rear & Top with Optional 5 th and 6 th camera	Main Camera	Simrad 14367, Colour Zoom, Pan & Tilt
Hydraulic Power	Hydro Electric Power Pack (55 HP: 25 GPM, 3000 PSI)	Sit Camera	Deep Sea 5000 C Low Light, Pan & Tilt
Aux Subsea Power	15 KW @ 20 Amps 30 HP, 15 GPM, 3000 PSI	Servo Valve Thrusters Manifold	2 x 25 GPM Axial 1 x 25 GPM Lateral 1 x 15 GPM Vertical 1 x 15 GPM Spare
Manipulator	ISE 6 Function Magnum Manipulator Arm	Pressure Ranges	0-15 PSI to 0-3,200 PSI

Customization

- Extreme survey package
- Up to 8 extra survey sensors can be run simultaneously
- 7 function real time movement force feedback Kraft predator arm skid
- Six simultaneous live camera feeds
- 30 HP, 3000 PSI, 15 gallons per minute of dedicated Hydraulics for tooling available
- Custom designed umbilicals for greater data transmission