Argus Worker
3000msw system

Work Class ROV. 150 HP
3000 meters depth rated, Optional <7000m
7 function Schilling Titan 4 Manipulator
Schilling Rigmaster or Atlas Manipulator
Through frame lifting capacity of 3.0 Te
For Drillsupport, IMR, Survey, Construction support
TECHNICAL SPECIFICATIONS

General
Dimensions:
- Length: 2.5m
- Width: 1.6m
- Height: 1.7m
- Weight: 3000kg
- Payload: 250kg
- Frame: Aluminium or Buoyancy covered with fiberglass
- Pods: Hard anodised Aluminum or Titanium
- Buoyancy: Syntactic foam
- Depth rating: 3000msw, optional <6000m
- Through frame lift: 3 ton

Power requirements
ROV/HPU Power input:
- 440VAC, 120kW, 3-phase
Thrusters:
- 8 x electric, 4 Horizontal and 4 vertical
HPU Manipulators:
- 8kW, 210bar/15pm
HPU Tooling:
- 18kW, 210bar/40pm
- or 45kW, 250bar/120pm

Performance
Bollard pull fwd:
- 590kg
lat:
- 540kg
vert:
- 750kg
Speed fwd:
- 3kn
Speed Lat:
- 2kn
vert:
- 2kn

No drop in performance when using vertical and horizontal thrusters simultaneously, as opposed to hydraulic subs.

Surface controls
Control Container:
- 20" feet container
Power distribution panel:
- Fitted Megacon GDI for Power safety
Control Console:
- Integrated joysticks in pilot chair
- Integrated touch screen
- 19" inch rack
- Video overlay
- HD Hard Disk Recorder
- 2 x ergonomic pilot chairs
- 20" feet container

Workshop Container:

Standard equipment fit
Manipulators:
- 1x5 function Schilling Rigmaster or Atlas
- 1x7 function Schilling T4
Cameras:
- 1 x F/2 HDTV 1080p camera
- 1 x Lowlight Black & White camera
- 2 x Utility cameras
Sonar:
- Mesotech MS1000 or Tritech
Altimeter:
- Mesotech 1007 or Tritech
Lights:
- 6 x 130W LED Lights, gives 90 000 lumen, 6500 Kelvin in total
Pan & Tilt:
- SAIV TD303, equal to diquartz
Compass:
- KVH C-100 Fluxgate
- Argus Rate Gyro
- North seeking Gyro
Auto functions:
- Auto Head
- Auto Depth
- Auto Altitude
- Station keep option
Hyd outlets:
- 8 outlets fitted, additional on request
Survey sensors:
- 9 x survey outlets fitted for RS-232,
  - 4 x Ethernet ch additional on request

Video recording equipment
HDTV Video system transmitting HD-SDI from the camera to the surface.
HD Video overlay and a HD Video Recorder.

LARS/Winch
Standard LARS systems for 3000m depth
LARS is available with or without AHC
TMS is available with 600m tether
Free flying systems available up to 7000m depth