



## Submarine Manufacturing & Products Limited

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Blackpool Road, Newton, Preston, Lancashire, United Kingdom PR4 3RE

### PRODUCT DATASHEET

#### Submersibles

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#### THIS PRODUCT HAS THE FOLLOWING OPTIONS:

No product options are available.

#### OVERVIEW

SMP supplies wide range of submersibles including the Deppworker 2000/3000



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Please contact us to discuss your bespoke requirements and options.

### DESCRIPTION

#### Deepworker

The one-atmosphere DeepWorker 2000 submersible allows a pilot to go deeper and spend more time below the surface than traditional diving methods.

The compact and lightweight DeepWorker 2000 is easy to operate and can be piloted with minimal training. Horizontal and vertical thrusters give unparalleled manoeuvrability; the DeepWorker 2000 can hover and "fly" underwater.

### FEATURES

#### Deepworker

##### General

- 2000 foot (600m) depth-rated
- 1 Pilot
- A516 grade 70 steel with 316 stainless hatch rings
- Weight in air 4000 lbs
- Length: 8.25 ft. (2.4 m)
- Beam: 5.5 ft. (1.7 m)
- Height: 5.7 ft. (1.75 m)
- Payload: 250 lbs (114 kg)
- Max Speed: 3 knots

##### Life Support

- Redundant oxygen systems, total capacity 80 man-hours
- Carbon dioxide removed via scrubbers
- Emergency breathing gas via air BIBS

##### Propulsion

- Two main horizontal thrusters, plus two angled vertical/lateral thrusters
- 80 cu.ft ballast air provided for surface buoyancy/trim

##### Viewing

- 26" dia. acrylic dome; serves as entry hatch

##### Communications

- Surface: ICOM VHF



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â€¢ Sub-surface: UQC and 27 KHZ Acoustic

### Power Requirements

â€¢ 208-240 3 Phase, 50A, 50-60HZ

### Umbilical

â€¢ Vehicle may be operated tethered or untethered

### Emergency Equipment

- â€¢ Drop weight jettison capability
- â€¢ Hull jettison capability
- â€¢ Emergency battery (for comms and CO2 scrubber)

### Optional Equipment

- â€¢ HD Camera, H.264 (Blu-Ray Codec) camera
- â€¢ SONAR, modified Imagenex, standard scan and ultra-high resolution short range scan
- â€¢ HydroNewt Manipulators, standard reach 5 feet
- â€¢ Tracking Beacon
- â€¢ Strobe/RF/Iridium beacon
- â€¢ Electro magnet
- â€¢ Magnetometer
- â€¢ Burial/ excavation pumps
- â€¢ Sampling equipment
- â€¢ Precision laser measuring system
- â€¢ Pipe tracker
- â€¢ Lift bag salvage module
- â€¢ U/W cutting module
- â€¢ Acoustic thickness/CP/EMF Probe
- â€¢ Other optional equipment available

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### ORDER THIS PRODUCT

To order this product or to request a price contact our UK sales team on  
**+44 (0)1772 687775**

Alternatively you can place a quote request through our website  
<http://www.smp-ltd.co.uk> or send an email to [sales@smp-ltd.co.uk](mailto:sales@smp-ltd.co.uk)