

CATEGORY: System Integration Testing TMT SIT Typhoon ROV

Engineered Tooling Solutions *FAST*



The TMT System Integration Test (SIT) Typhoon ROV provides an economical method of testing ROV access and functionality around subsea equipment. The on-board hydraulic and electrical systems allow ROV tools to be fully tested on surface, prior to being deployed to the offshore and subsea environment.

The SIT ROV comes equipped with identical Z Function mounts as the Typhoon 150 MK2 ROV allowing for a variety of manipulators to be used. The Hydraulic Power Unit (HPU) is mounted internally.

The following hydraulic connections are available:

- 21x 16L/min hydraulic functions
- 3x 8L/min hydraulic proportional functions
- 3x 40L/min hydraulic functions

Installed castors provide an easier means of relocating the SIT.

The whole system can be packed into air freight containers for fast transport to the client's site.

TMT can modify the entire system to suit the customer requirements.

Features:

- Variety of manipulator options to suit client needs
- 3 x Z Functions for mounting of manipulators
- Grabber manipulator
- Pan & Tilt cameras and lights
- Hydraulic Manifold for client tooling
- Adjustable lift point for balancing load
- Ballast option for heavy tooling
- Control Desk included – Typhoon MK2 footprint
- Integrated air blaster cooler and on demand marine grade water oil heat exchanger

Specifications:

- | | |
|--------------------------|-------------------|
| • Dimensions | 3.5L x1.9W x2.4Hm |
| • Weight in Air, approx. | 1700kg |
| • Through Frame Lift | 3.5T |

HPU Specifications

- | | |
|-----------------|------------------|
| • Pressure | 210bar (3046psi) |
| • Flow | 40L/min |
| • Tank Capacity | 180L |
| • Power | 18.5kW |

Specifications subject to change without notice. All rights reserved.