

R 00 Specification

GENERAL

- Depth rating 0 - 3000m
- Weight in air 15Te
- Dimensions 5.4m (L) 5.3m (W) 2.55m (H)
- Installed power 525kW/ 700HP
3 x 175kW Direct Drive Motors

PERFORMANCE

- Trench depth 0 to 2.5m variable (3m also supplied)
- Width control 0mm to 400mm remotely variable
- Min bend radius 2m on cable depressor

MECHANICAL

- Hydraulically retractable depressor
- Hydraulically retractable dual jet legs
- Hydraulic width adjustment on jet legs
- High strength aluminium chassis for robustness and weight distribution
- Stainless steel valve tanks and junction boxes
- Manipulators (1 x Rigmaster, 1 x Schilling T4)

SURVEILLANCE AND INSTRUMENTATION

- Depth measurement, jetting pressure and gyrocompass
- Product proximity sensors in depressor
- Hydraulically retractable mounting frame for TSS440 system (TSS440 included)

OPTIONS

- A Frame complete with HPU
- Umbilical winch complete with umbilical
- Snubber for non-ROV A Frame or crane launch
- Cable cutting tools

MR 00 Advantages

- Wide chassis to allow for deeper trench depth without concerns over vehicle 'bogging' down in jetting water infused seabed
- Dual motors and separate HPU for redundancy/ FMECA protection
- Simple modular frame for ease of repair, WROV change and maintenance
- Modular cage arrangement for ease of maintenance