

The Excavation Specialists Since 1994

For over two decades Rotech have pioneered the development of cutting-edge subsea controlled flow excavation technology. A dedication to innovation has seen Rotech continually evolve and enhance our specialised equipment to meet demand and deliver for the needs of many major clients in the subsea oil & gas and energy sectors.

Services :

- Safer non-contact methods
- Controlled & Mass Flow Excavation
- Highly qualified & experienced operators
- Real time sonar monitoring of service
- Rotech Engineering & Fabrication

Applications :

- Cable/Pipeline/Umbilical Trenching
- Cable/Pipeline/Umbilical Deburial
- Freespan & Sandwave Clearance
- Backfilling & Burial
- Jack Up Spud Can Clearing & Cleaning
- UXO & Salvage Deburial
- Rock Dump & Drill Cutting Removal
- Harbour Clearance
- Subsea Structure Foundation Access



patents pending

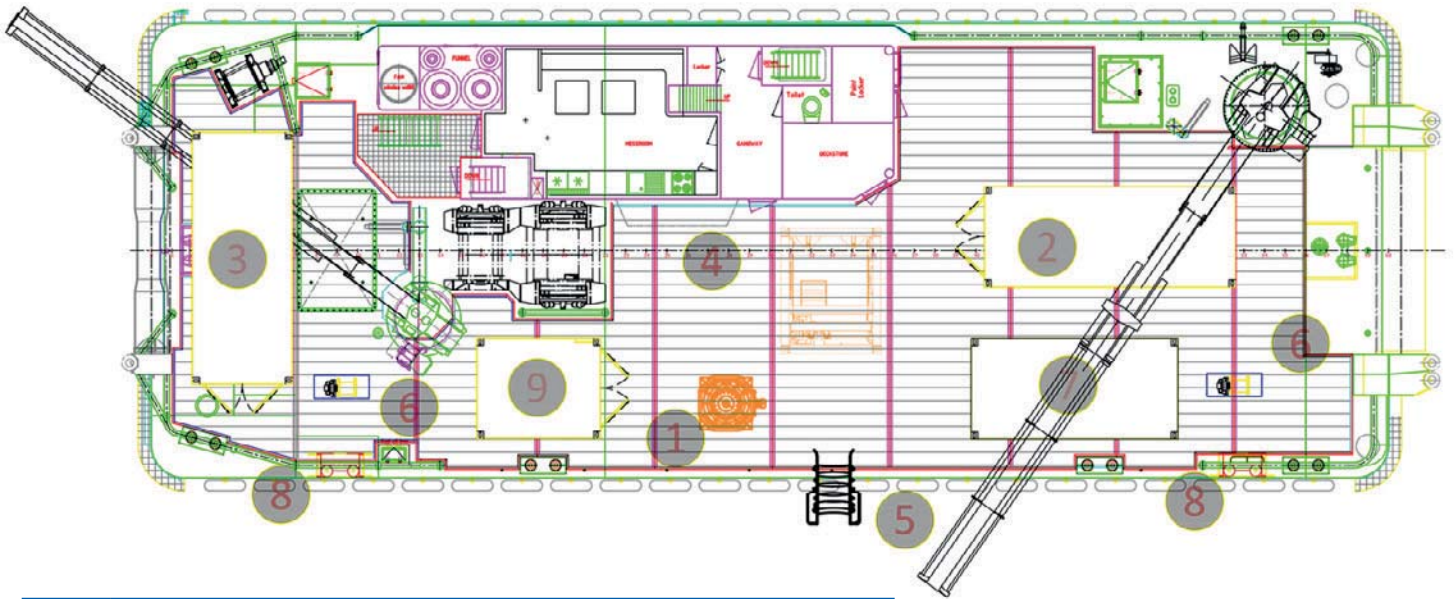
Rotech Personnel :

- 6 operators for 24hr operations
- 2 additional operators are supplied to operate the jetting system for soils in excess of 80kPa

RS1 Capabilities :

- Operating depths 3m - 300m*
- * 3000m with additional electric power unit
- Excavator Outlet Pressure 0 to 80kPa
- Suction Solids, 200Tonnes/Hr
- Velocity 0 - 14m/s
- RS1 Cutting of soils 200kPa

see deck plan on other side



Rotech Subsea Equipment

| Item | Item | Dimensions (m) | Weight (kg) |
|------|---------------------------|--------------------|-------------|
| 1 | RS1 Tool | 1.5 x 1.37 x 2.0 | 4000 |
| 2 | Tool HPU | 6.10 x 2.45 x 2.40 | 16000 |
| 3 | Spares Container (Rotech) | 6.10 x 2.45 x 2.70 | 12000 |
| 4 | Hydraulic Umbilical Winch | 2.26 x 2.56 x 2.42 | 10000 |
| 5 | Umbilical Chute | 2.90 x 0.84 x 1.17 | 1000 |
| 6 | Deck Tugger | 1.34 x 0.56 x 0.69 | 1100 |
| 7 | Tugger Compressor | 5.02 x 2.45 x 2.51 | 10000 |
| 8 | Universal Roller Fairlead | 1.55 x 0.56 x 1.14 | 500 |
| 9 | Control shack | 3.05 x 2.45 x 2.60 | 5000 |