

## Applications

- Ultra Shallow Water
- Cable / Pipeline / Umbilical Trenching
- Cable / Pipeline / Umbilical Deburial
- Freespan & Sandwave Clearance
- Backfilling and Burial
- Jack-up Spudcan Clearing & Cleaning
- UXO & Salvage Deburial
- Rock Dump & Drill Cutting Removal
- Harbour Clearance
- Subsea Structure Foundation Access

## Capabilities

Max Jet Flow	2,600 L/s
Max Jet Pressure	140 kPa
Max Jet Power	290 kW
Minimum Operating Depth	1 m

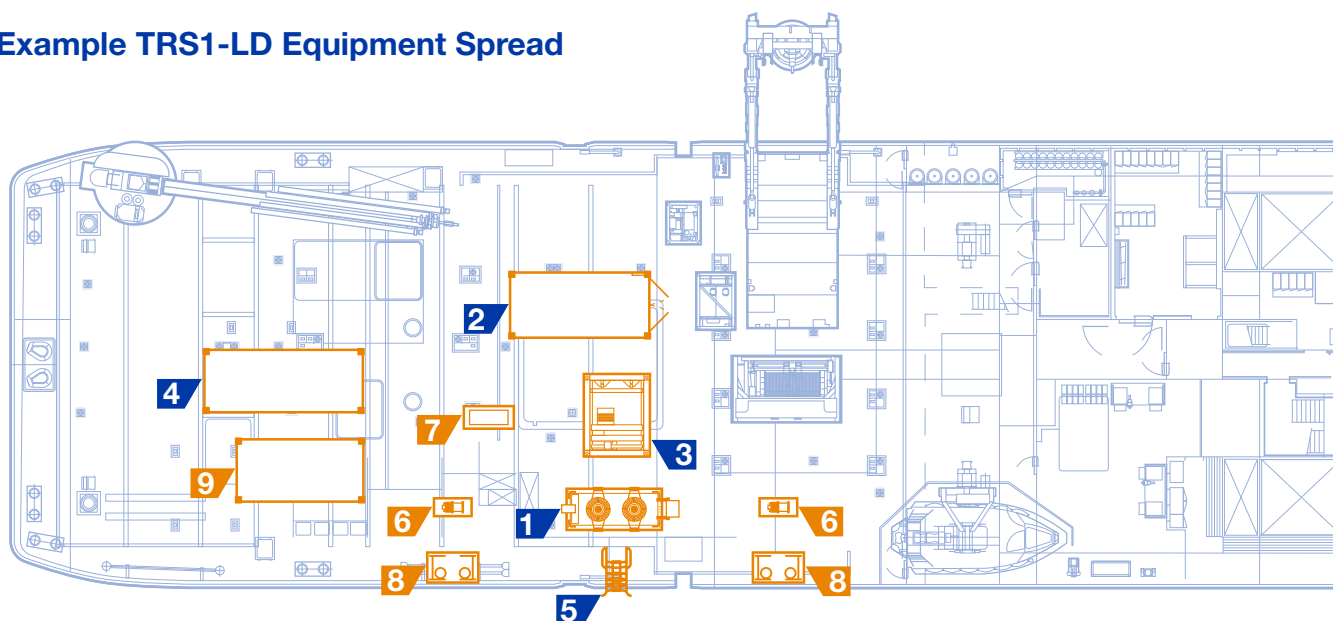
## Benefits

- Jet trenching solution for cohesive and noncohesive soils
- Asset safe, non-contact operation
- Highly qualified & experienced operators
- Real time sonar monitoring of service
- 24 hour Engineering support
- Tailored Hybrid Jet Trenching Solutions
- Designed, manufactured and maintained in-house by Rotech Engineering

## Personnel

- 6 Rotech operators for 24hr operations

## Example TRS1-LD Equipment Spread



### Key

No.	Item	Dimensions (m)	Weight (kg)
1	TRS1-LD Tool	4.18 x 2.20 x 1.59	6,000*
2	Twin Tool HPU	6.10 x 2.44 x 2.59	17,000
3	Hydraulic Umbilical Winch	1.00 x 1.16 x 0.82	2,000
4	Spares Container (Rotech)	6.10 x 2.45 x 2.90	12,000
5	Umbilical Chute	1.80 x 1.30 x 1.86	550
6	Hydraulic Deck Tugger (optional)	1.00 x 1.16 x 0.68	576
7	Tugger HPU (optional)	1.50 x 0.80 x 1.62	1,000
8	Universal Roller Fairlead (optional)	0.90 x 0.25 x 0.65	220
9	Control Cabin (optional)	3.97 x 2.44 x 2.90	5,000

\* All weights are approximate and may vary depending on exact configuration

For over three decades Rotech have pioneered the development of cutting edge subsea Controlled Flow Excavation (CFE) 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.