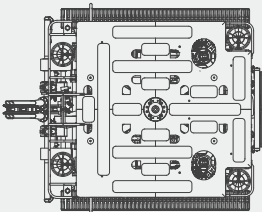
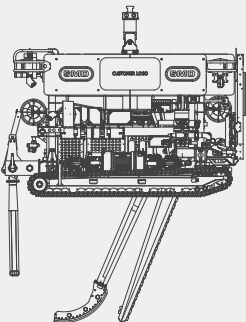
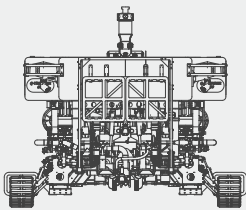




SMD QT800

ROV SPECIFICATIONS

This 600 kW / 800 HP vehicle is a highly flexible cable maintenance ROV system offering two modes of operation, “free flying” and “tracked,” and is capable of operating down to a water depth of 2,500 meters. The ROV has a number of burial solutions which provide burial capability up to 3 m along with a forward mounted solution allowing final bight burial capability. The main jetting package is a twin leg device, each leg having an array of forward, downward and rearward facing jets, with an independent depressor and educator system. The QT800 can work on both telecommunications and power cables with its tool separation being remotely adjustable to accommodate product diameters up to 380 mm.



General Specifications

• MANUFACTURER	SMD (SOIL MACHINE DYNAMICS LTD) UK
• TYPE	Cable maintenance remotely operated vehicle
• RATED WATER DEPTH	5 to 2,500 m
• POWER	600 kW / 800 HP
• CONFIGURATION	Free fly or tracked modes
• BURIAL PERFORMANCE	0 to 3 m
• THRUSTER CONFIGURATION	6 Horizontal 4 Vertical
• DIMENSIONS FREE FLY	
Width	4.6 m
Length	5.4 m
Height	3.3 m
• VEHICLE WEIGHT IN AIR	
Free Fly	21 tonnes (Submerged: 200kg buoyant, ballast available)
Tracked	22 tonnes (Submerged: 1400kg)
• PREDICTABLE PERFORMANCE	variable up to 360 mm
Vertical	Up to 2.0 knots
Fore/Aft	Up to 3.2 knots
Lateral	Up to 2.0 knots
• DYNAMIC POSITIONING	Auto Function including Auto Hold, Auto Step (within 30m of seabed)

Jet burial Tools

• POWER	Two hydraulically driven mixed flow water pumps. 0–220 kW per pump (0–275kW tracked mode)
• PRESSURE	5–6 bar
• MAIN JET TOOL	
Trench depth	0–3 m
Leg width	50–400 mm remotely adjustable
• DEPRESSOR	Independent/ Min bend radius, 1500m m
• FORWARD JET TOOL	Twin jet device above the seabed rotated to stow under chassis
• MANIPULATOR MOUNTED FORWARD JET TOOL	Jet Tool held in jaws of forward manipulator stowed in forward tool buckets

Surveillance Equipment

• CAMERAS	up to 8 cameras
• LAMPS	up to 10 lamps
• PAN & TILTS/ROTATOR	up to 6×electric 24V P&T
• SONAR	Tritech Super Sea King OA Sonar
• PROFILING SONAR	Tritech Super Sea King DFP Profiling Sonar
• CABLE LOCATION SYSTEM	TSS 440/350 Dualtrack Cable Tracking System

Cable Tools Package

• MANIPULATORS	2×Schilling Orion Extended Reach 7 function Position Controlled
• CUTTERS	HCV100 cutter, WCD38 Webtool cutter Auto release hydraulic connection to the ROV
• CLAMP	PSSL TA17 Clamp and full set of jaws