

Solutions and tooling for harsh environments



The TMT Mega Digger moves high volumes of material from around subsea structures in the fastest, most effective way possible. The digger can be positioned using a manipulator, or mounted to the front of the ROV using a multi-position mounting frame.

The digger can use the TMT-designed Mega Digger, or ROV thrusters.

Position the ROV up-current of the material to be removed, securing the ROV to the structure by use of the TMT ROV Grabber Unit or a manipulator. If no structure is available, the ROV holds seabed position using the TMT SRPS (Seabed Reference Positioning System).

TMT can configure the tool to suit customer requirements.

Features

- Mounts to ROV front or manipulator-held
- Lightweight
- Low maintenance
- High volume excavation
- Non-blocking / jamming design
- Operates using ROV hydraulic circuit

Specifications

Drive Propeller	Φ 585 mm x 3 or 4 Blades
Cowling	Φ 700 x 280 mm
Weight in Air	~45 - 55 kg
Weight in Seawater	~35 - 45 kg
Power Unit	OMS 80 Motor
Maximum Pressure	175 bar
Flow Rate Required	65 L/min
Depth Rating	Unlimited

Specifications subject to change without notice. Copyright © 2025. All rights reserved. TMT-NSS-082 Rev 4 PN: 0010-8580 (FLOT); 0011-2968 (Digger); 0017-6009 (ROV handle)