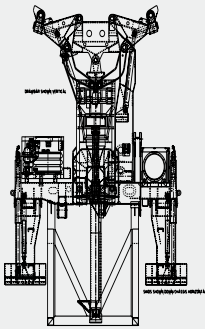




SMD MD3

PLOW SPECIFICATIONS

The cable plow system MD3 is an SMD made burial system uniquely designed and capable of an 80 ton bollard pull. It can trench and bury submarine cable to a depth of 3.0 meters in to 1,500 meters of water depth and operate in a wide variety of seabed environments, ranging from sand to firm clays.



General Specifications

• MANUFACTURER	SMD (SOIL MACHINE DYNAMICS LTD) UK
• TYPE	Telecommunications – Submarine cable burial
• RATED WATER DEPTH	1,500 m
• MAXIMUM BURIAL DEPTH	3.0 m
• CABLE DIAMETER	17 – 150 mm
• TOW TENSION AT PLOW	80 Ton Bollard Pull

NB: Host vessel's tow winch capacity, bollard pull and operational environment may dictate maximum pulling force.

System Components Weights & Dimensions

• LENGTH (MAXIMUM)	9.3 m
• WIDTH (MAXIMUM)	5.0 m
• HEIGHT (MAXIMUM)	4.4 m
• WEIGHT (DRY)	25 tons

Operational Parameters

• MINIMUM SOIL STRENGTH	5 kPa
• MINIMUM LAY CABLE BEND RADIUS	1.5 m
• REPEATER MAXIMUM DIAMETER	380 mm
• MAXIMUM SIZE OF SPLICE BOX IN THE SHARE	150 mm
• CABLE DIAMETER	17 – 150 mm
• MAXIMUM SIDE SLOPE OF THE SEABED	30°
• MAXIMUM UP / DOWN SLOPE OF THE SEABED	30°

Surveillance Equipment

• CAMERAS	3
• LIGHTS	5
• SONAR	Mesotech
• PAN & TILTS	2

Data provided for comparison purposes only. Complete system specifications available on request.

