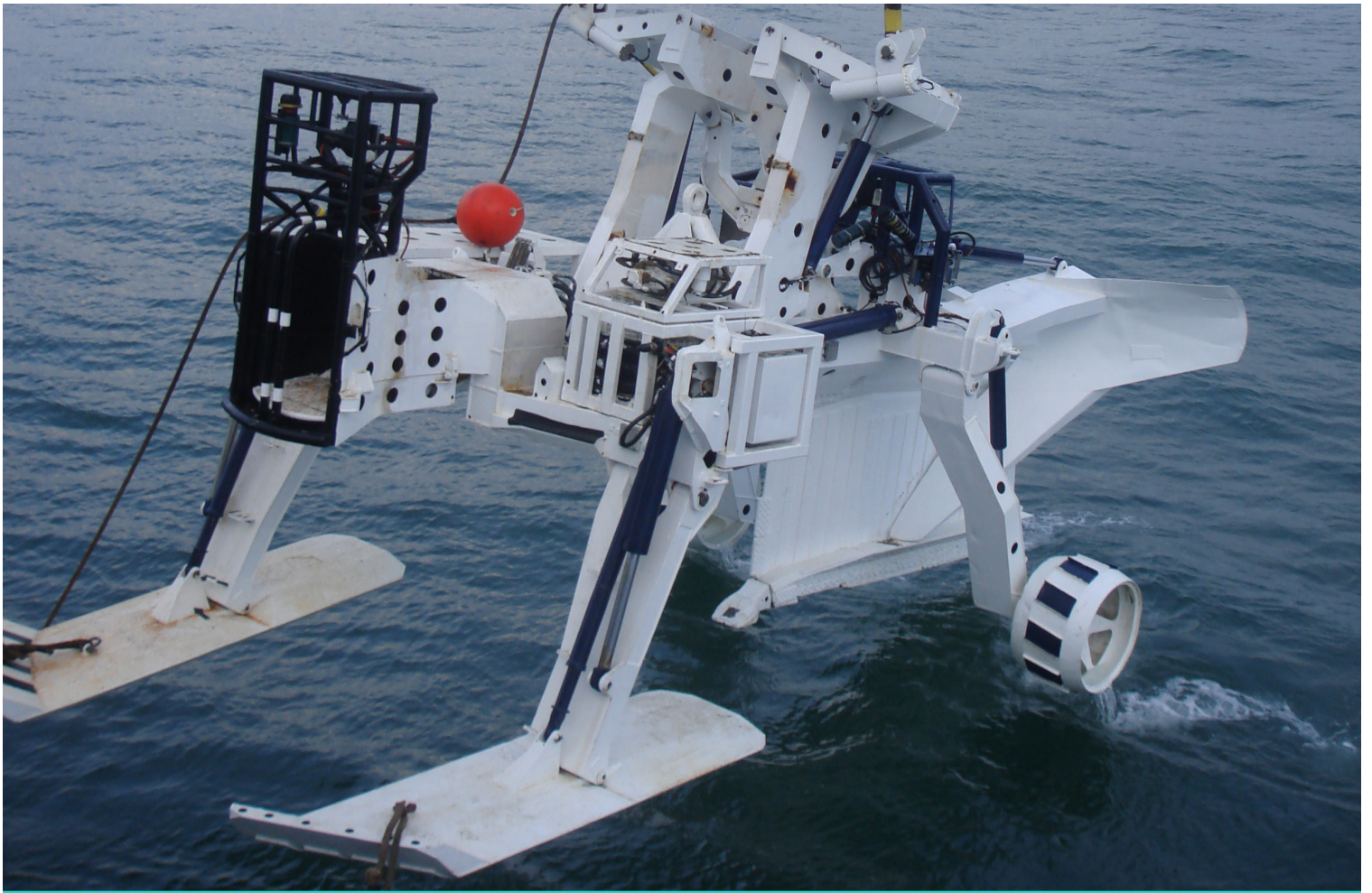
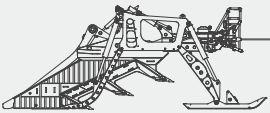




SMD ARADO I

PLOW SPECIFICATIONS

The cable plow system Arado is an SMD made burial system uniquely designed to require a 50 Ton bollard pull. It can trench and bury submarine cable to a depth of 1.5 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	1.5 m
• CABLE DIAMETER	17 – 150 mm
• TOW TENSION AT PLOW	50 Ton Bollard Pull

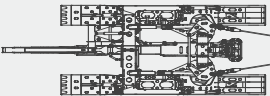
NB: Host vessel's tow winch capacity, bollard pull and operational environment may dictate maximum pulling force

System Components Weights & Dimensions

• LENGTH (MAXIMUM)	9.9 m
• WIDTH (MAXIMUM)	4.4 m
• HEIGHT (MAXIMUM)	4.5 m
• WEIGHT (DRY)	14.5 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	20°
• MAXIMUM UP/DOWN SLOPE OF THE SEABED	30°



Surveillance Equipment

• CAMERAS	3
• LIGHTS	4
• SONAR	Mesotech
• PAN & TILTS	2

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

