



Key Benefits

- Modular system that is transportable in standard shipping containers allowing economical road/sea transport
- Lifted on board in a single lift (excluding tensioner)
- Operational within 4 hours
- Designed in accordance with DNV standards

Work Platform: The work platform is fitted with pad eyes for attachment of rigging to aid handling of the product.

Access: All areas of the HLS are accessible by integrated ladders and walkways with handrails.

Modularity: The HLS can be broken down into modular components for both sea and road transport. The maximum single component lift is 26Te (excluding tensioner), which is the base frame with integrated hang-off assembly.



Product Datasheet

MDL 50Te Portable Horizontal Lay System

The MDL HLS-50 is a portable horizontal lay system for the deployment and recovery of subsea umbilicals, risers and flowlines (SURF). The system allows for safe and efficient deployment of product from on-deck reel drive systems and carousels.

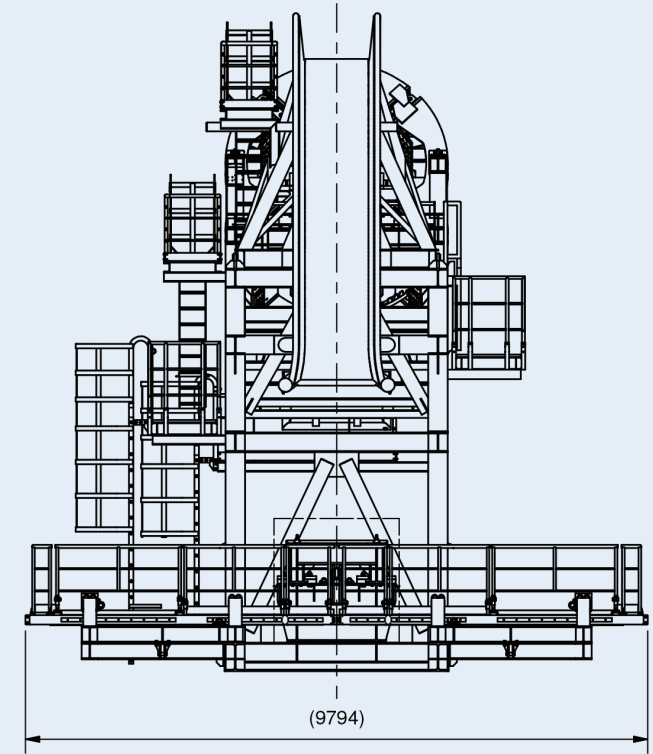
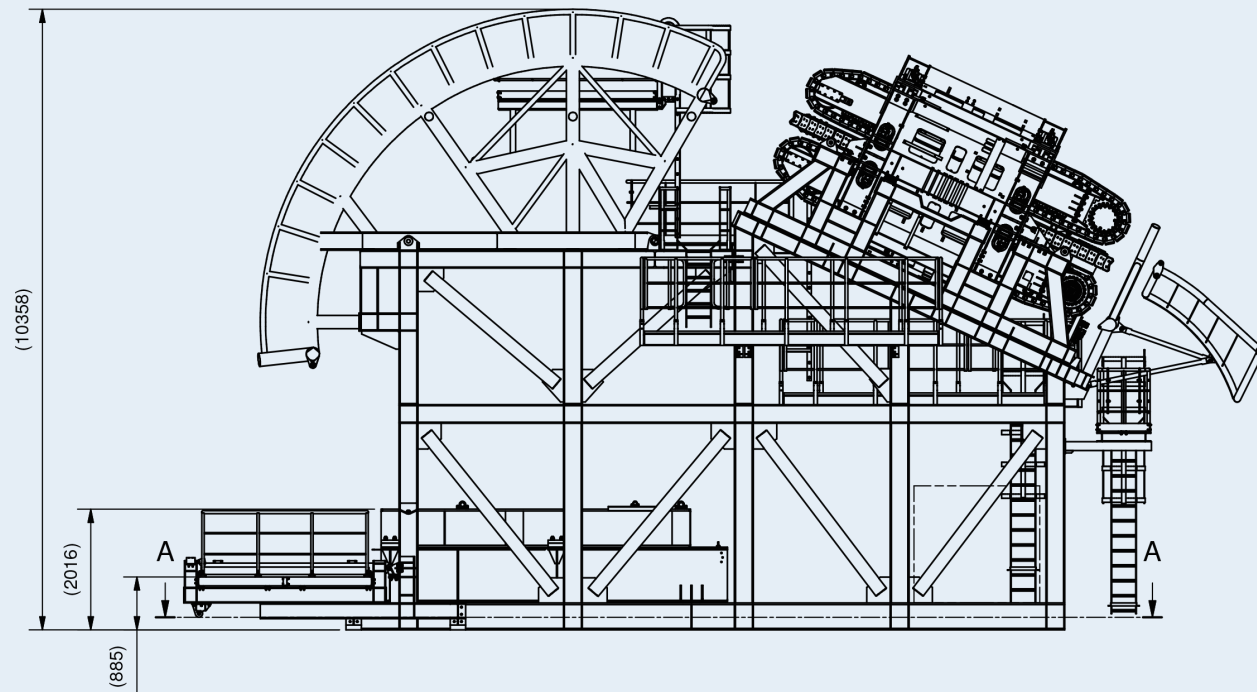
MARITIME DEVELOPMENTS LTD
62 Dee St | Aberdeen | AB11 6DS | UK

YARD FACILITY
Wilson St | Peterhead | AB42 1UD | UK

MARITIME DEVELOPMENTS INC
900 Town and Country Ln | Houston | TX 77024 | USA

T +44 (0)1779 491144
E hello@maritimedevolutions.com
W www.maritimedevolutions.com

MDL HLS-50



Operational Specification

Lay spread type

Portable Horizontal Lay System

Dimensions

18.1m x 9.8m x 10.4m (LxBxH)

With moonpool open

18.1m x 9.8m x 12.4m (LxBxH)

Weight (excl. tensioner)

65Te

Operational Specification (cont)

Work platform deck area

25.65m²

Work platform deck capacity

0.9Te/m²

Work platform opening

1m

Hang-off beam capacity

50Te

Product Handling Requirements

Max pipe tension

50Te (dynamic load)

Min pipe diameter

50mm OD

Max pipe diameter

600mm OD

Entry chute radius

3m

Overboarding chute radius

4.5m

Lifting Equipment

All items supplied with dedicated rigging rated for onshore lifts.

System suitable for onshore lifts in accordance with DNV standards.

Power Requirements (HLS only)

1x 55kW

Design Appraisal

Design appraised in accordance with DNV standards

Assumed Conditions

Humidity

Up to 100%

Atmosphere

Marine/high salinity

Design temperature

Operational: -10°C to +50°C

Survival: -20°C to +65°C

Design life

25 years