



## Deep C 55 kW HPU Reel

Hydraulic Power Unit and Hose Reel System for Offshore Operations

The Deep C HPU Reel is an electrically powered hydraulic system designed for controlled hose deployment and retrieval in offshore environments. Combining a hydraulic power unit with a hose reel winch, the system provides a compact and efficient solution for subsea and deck operations.

Powered by a 55 kW electric motor, the system delivers up to 100 lpm at 300 bar. It is equipped with an automatic hydraulic brake, hydraulic swivel, and quick-release couplings to ensure safe and reliable performance.

The HPU Reel features an electrically actuated manipulation valve, enabling both local and remote control of the winch. This provides operators with flexible and precise handling capabilities in demanding offshore environments.

### Features



Integrated HPU and hose reel system with up to 200 m drum capacity



Local and remote winch control for operational flexibility



Powerful 55 kW electric motor for high-performance hydraulic operation

## Technical Specifications

The Deep C HPU Reel is a robust hydraulic system designed for offshore use, providing high power, reliability, and safe operation for hose deployment and recovery. The system combines a high-performance hydraulic power unit with a hose reel winch, ensuring efficient handling, controlled operation, and dependable performance in demanding offshore environments.

Contact [sales@deepcgroup.com](mailto:sales@deepcgroup.com) for more details.

### Dimensions

LxWxH:	2 991 x 2 438 x 2 671 mm
Weight in air:	6 000 kg

### Hose Reel Performance

Drum capacity:	Up to 200 m hose
Pulling force:	1st layer: 1.5 tons Last layer: 1.0 ton
Pulling speed:	30 m/min

### Performance and Interface

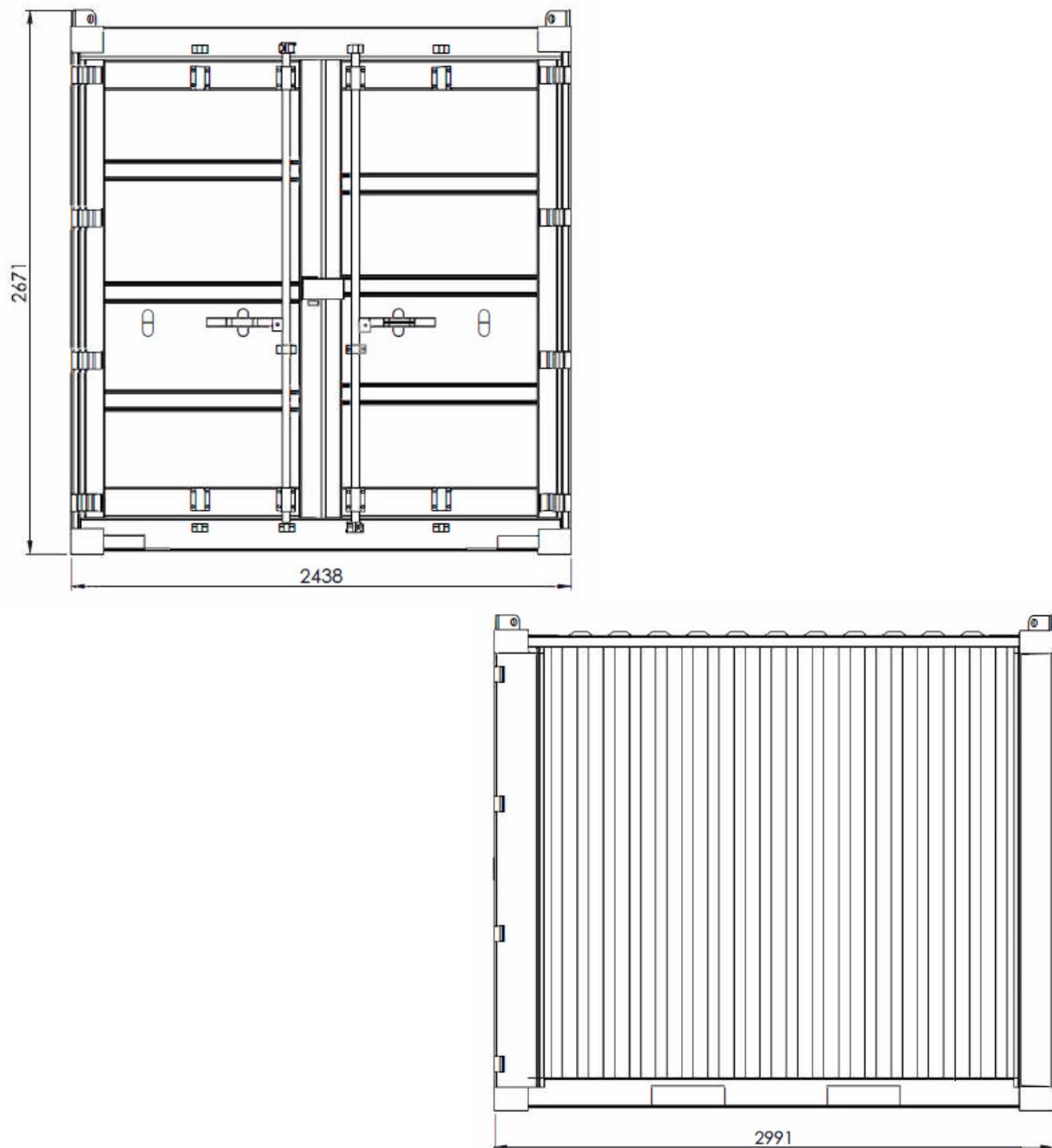
Power:	55 kW
Power supply:	230 V, 50/60Hz, 16A, 1-phase 440 V, 60 Hz, 63A, 3-phase
Hydraulic connections:	1/2" Drain 3/4" Pressure 1" Return
Hydraulic capacity:	100 lpm @ 300 bar
Reservoir capacity:	350 liters

## Technical Drawings

The Deep C HPU Reel is designed as a containerized system with integrated lifting points and a robust structural frame. The technical drawings illustrate the general arrangement, lifting configuration, and hose reel setup.

**Figure 1. HPU General Arrangement - Incorporated inside 10'ft container**

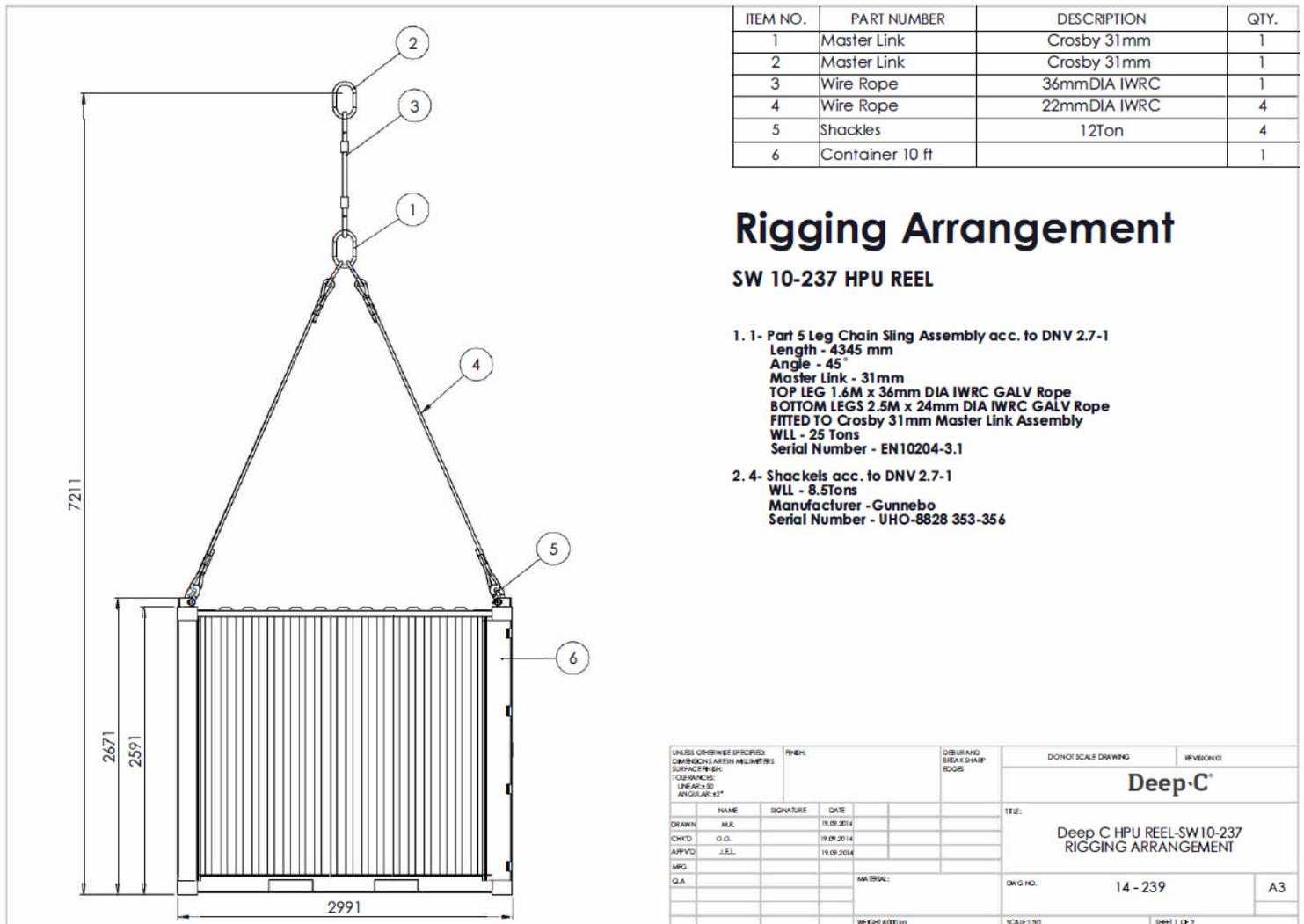
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The Deep C HPU Reel is designed as a containerized system with integrated lifting points and a robust structural frame. The technical drawings illustrate the general arrangement, rigging configuration, and hose reel setup.

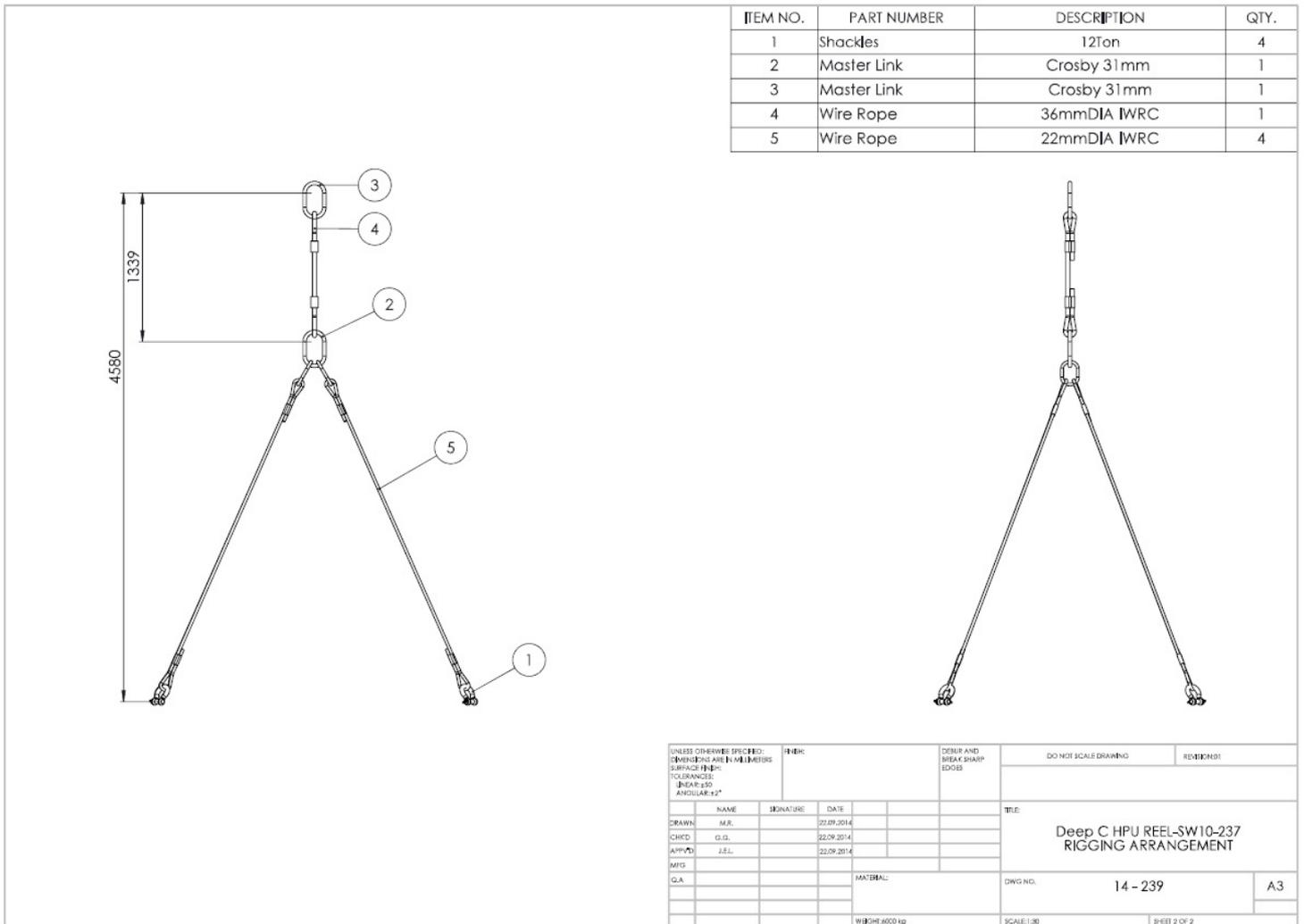
**Figure 2. HPU Rigging Arrangement - Sheet 1/2**



## Technical Drawings

The Deep C HPU Reel is designed as a containerized system with integrated lifting points and a robust structural frame. The technical drawings illustrate the general arrangement, rigging configuration, and hose reel setup.

**Figure 2. HPU Rigging Arrangement - Sheet 2/2**



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**Figure 3. Reel General Overview and Hose Reel Grease Points Locations**

