

Loading Tower 02

Features

- Accurate spooling control of offshore power cables, flexible pipes, umbilicals and array cables
- Handles product weight up to 450 kg/m and product diameter up to 550 mm
- Designed for rapid mobilization, hook-up and commissioning
- Hydraulically driven, including HPUs, with inbuilt redundancy
- 15 Te tensioner, 3.6m 2-track is mounted on this loading tower.
- Build in - 30'ft HPU-02 with 2x 110kW Main pumps carousel and 1x 22kW auxiliary pump for loading arm & Tensioner
- Power requirement LT-02: 400/440V, 500A, 50/60Hz
- Weight: 167 Te, excl. rigging.

Loading tower

- Main Tower: Steel frame, workshop, office unit, external stairway, HPU-02 for carousel integrated
- Loading arm: Adjustable loading arm to accurately control touchdown point
- Hydraulics: HPU-02 - Carousel
- Controls: HMI integrated and operator chair with touchscreen for manual single point system control
- Loading arm, 15Te tower tensioner and tower chute with MBR of [4.0m]. Access to loading arm and chute.
- Control cabin mounted on loading tower for clear visual overview, equipped with cameras and lighting
- Liftable (167Te) in one piece for fast mobilisation with certified rigging
- Footprint sections: length: 9.12 m x width: 2.44 m (excl. stairs and platforms)

Tower tensioner

- Vertically opposed caterpillar 2-track configuration, 3.6m, 15Te Line pull with 0.08 friction
- Read out of distance, squeeze force, product speed and line pull tension
- Upper track pivot able for handling of end-terminations
- Integrated HPU-05 build inside the tensioner

Contact

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