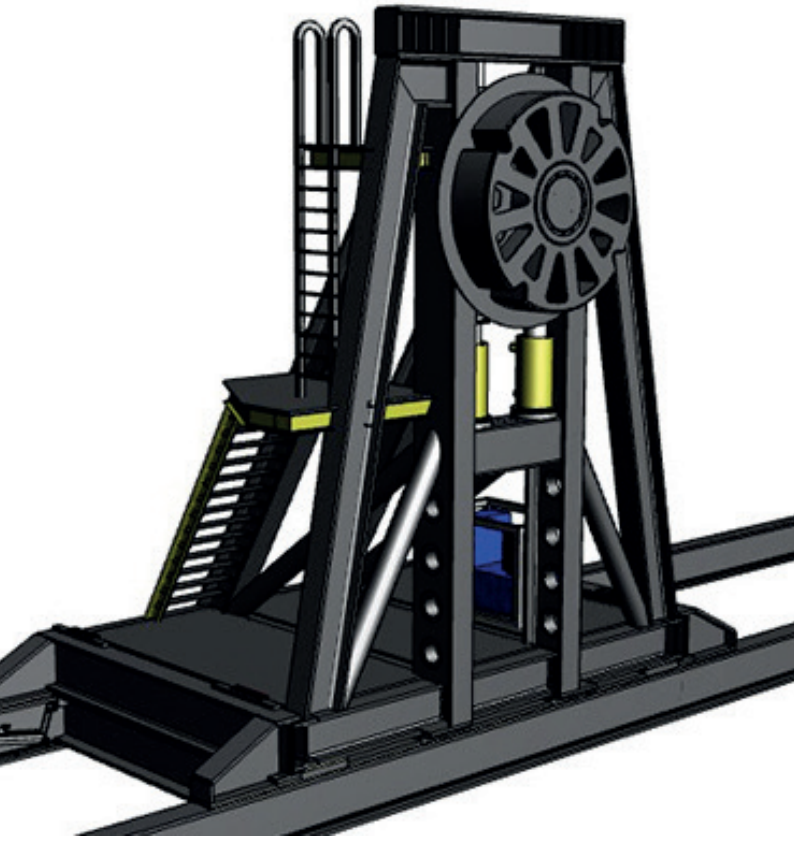




Technical Specification Reel Drive System(RDS)

The LARSoffshore's powered reel drive systems (RDS) are designed to lift reels and spool cables, flexibles, umbilicals and steel pipe on or off. Our systems consist of two vertical columns positioned on a skidding frame. The RDS is able to handle industry-standard reels from 4.0m for the smaller 150 metric tonnes systems through to reels with 14.0m diameter and a product capacity of 600 metric tonnes for the largest system.



The system comes with a hydraulic power pack and a wireless control unit. The complete RDS system, including power pack and accessories can be transported by road in 20 & 40 foot containers. Each system comes with certified rigging and suitable cables and hoses. Skidding beams and skidding hydraulics are optional, while one can use the same powerpack that drives the RDS for skidding the towers.



Maximum total lift capacity (reel with product)
150mT up to 600mT



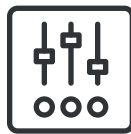
Maximum dynamic line pull underside of reel
> 20 metric tonnes for 600mT system



Maximum speed (pay in/pay out)
1,200 meters per hour



Power drive motors
25kW up to 100 kW



Type of control
wireless control unit

Reel specifications

Minimum reel diameter (flange)	4.0m for 150mT-to-400mT systems
Minimum reel diameter (flange)	6.0m for 500mT-to-600mT systems
Minimum reel diameter (flange)	9.2m for 150mT system
Minimum reel diameter (flange)	11.4m for 200mT-to-400mT systems
Minimum reel diameter (flange)	14.0m for 400mT-to-600mT systems
Maximum width between hubs	variable upon request



Length

5.0m for 150mT to 8.0m for 600mT system



Depth

2.0m for 150mT to 4.0m for 600mT system



Height

4.0m for 150mT to 8.2m for 600mT system



Weight per tower

10mT for 150mT to 30mT for 600mT system



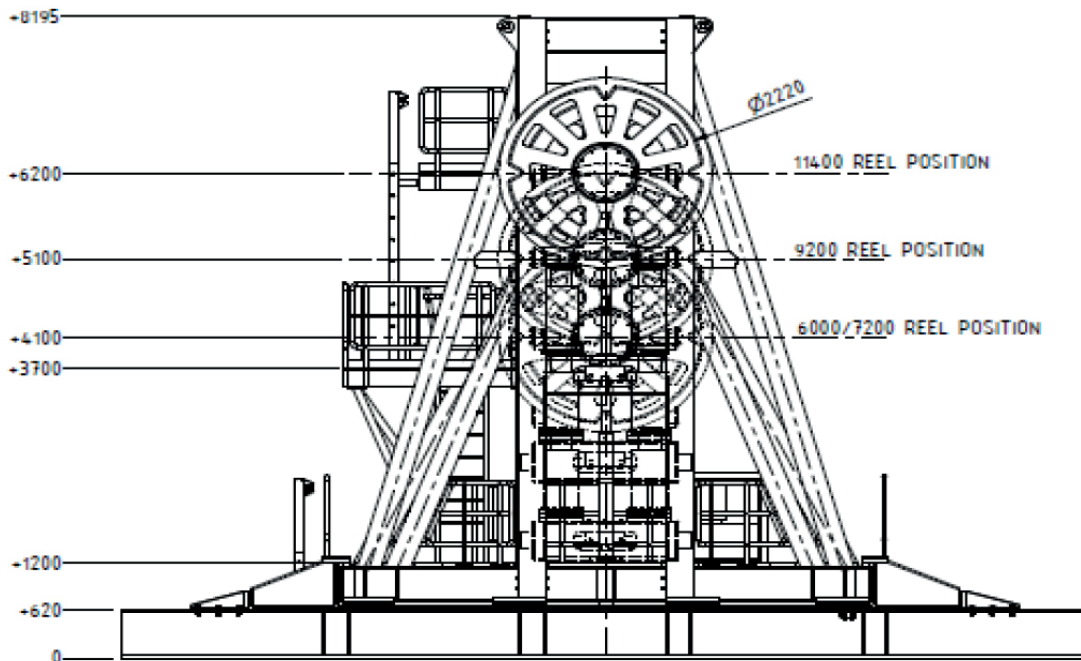
Hydraulic power pack - 150mT to
3m x 2.4m x 2.5m x 1,500kg



Hydraulic power pack - 400mT to 600mT
3m x 2.4m x 2.5m x 4,000kg

Optional

Skidding beams	For multiple reels
Control cabin	1.8m x 1.8m x 2.5m
Reels	4.0m up to 14.0m diameter
Tensioners	10mT up to 127.5mT





An umbilical cable or umbilical is a cable which supplies required consumables to an apparatus. It is named by analogy with an umbilical cord. An umbilical can provide supply air, chemicals, hydraulic power, electric power and fibre optics between subsea equipment and a remote facility.



Subsea is a term to refer to equipment, technology and methods employed in offshore oil & gas and offshore wind power industries. The term subsea relates to the exploration, drilling and development of oil & gas fields in underwater locations.



LARSoffshore does also provide design & installation engineering services for offshore installation projects. The design & engineering services include lifting plans, installation analysis, stability analysis, seafastening design & calculations. Please contact us via info@LARSoffshore.com for further details.

Feel free to contact LARSoffshore

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