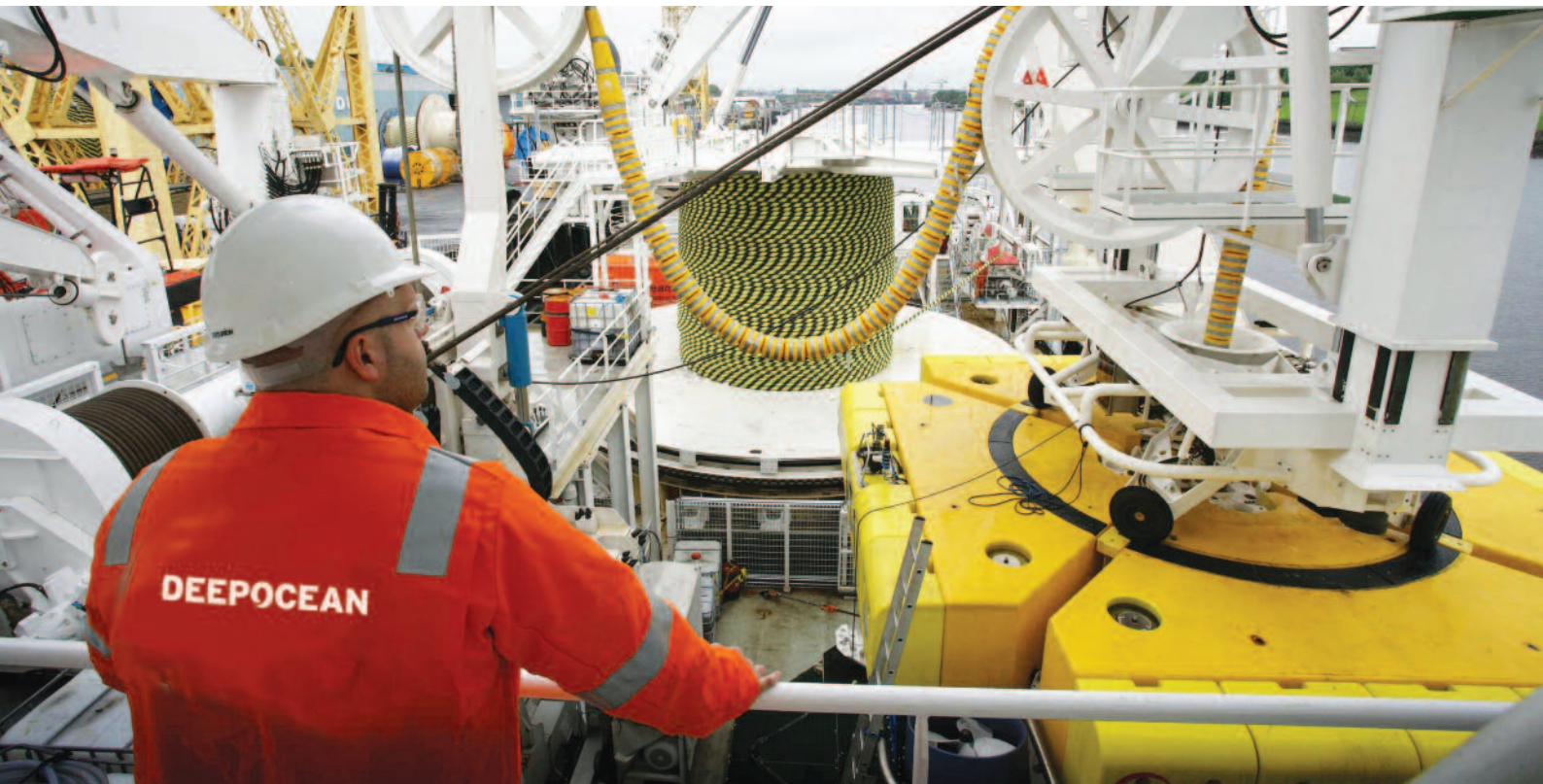


CAROUSEL SYSTEM

SPECIFICATION SHEET



2000 TONNE CAROUSEL SYSTEM

KEY FEATURES

The 2000 tonne rated carousel provides a reliable, efficient and cost effective solution to facilitate the installation and/ or simultaneous burial of flexible products.

The carousel has a maximum lay speed of 1200 metres per hour for the deployment of flexible pipelines, umbilicals and power cables.

Its modular design, which includes a deck mounting system, enables rapid mobilisation and demobilisation on a suitable vessel without the need for welding the carousel structure to the deck.

- MODULAR DESIGN FOR RAPID MOBILISATION
- DEPLOYMENT OF FLEXIBLE PRODUCTS
- 2000 TONNE CAPACITY

The Carousel System is not limited to these parameters and can be modified by DeepOcean to complete workscopes in excess of its current configuration.

SPECIFICATION SHEET

MAIN REEL ASSEMBLY / FLEETING TOWER / COMPENSATOR

| | |
|--|--|
| PRODUCT LOAD CAPACITY | 2000te |
| ESTIMATED CAROUSEL WEIGHT | 350te |
| OVERALL STORAGE DIAMETER | 15m standard, extendible to 19m |
| CORE DIAMETER | 5m Tapered, extendible to suit project requirement |
| FLANGE HEIGHT | 6m Flange |
| PRODUCT | Up to 400mm diameter |
| MAXIMUM SPEED | 1200m/hr |
| ACCELERATION FROM 0 TO 1000M/HR | 30 secs |
| CONTROLLED STOP TIME | 30 secs |
| EMERGENCY STOP TIME | 7 secs |
| TRANSMISSION | Tooth Sprocket and Water Jet Cut Gears |
| NO. OF DRIVE ASSEMBLIES | Three - 50% Redundancy |
| POWER SOURCE | Electric / Hydraulic |
| TEMPERATURE RANGE | -10°C to +45°C |
| IN BOARD TENSION | +5te (7.5te max.) |

20TE TENSIONER

| | |
|--|----------------------|
| NUMBER OF TRACKS | 3 |
| TRACK CONTACT LENGTH | 2500mm |
| MAX. LINE TENSION CAPACITY | 20te |
| MAX. GRIP FORCE AVAILABLE | 270te |
| MIN. GRIP FORCE AVAILABLE | 50te |
| COEFFICIENT OF FRICTION (FLEXIBLE PIPE) | 0.1 |
| LAY SPEED/MAX TRACK SPEED | 1200m/hr at 20te |
| RECOVERY SPEED | 500m/hr at 20te |
| DRIVE TYPE | Electric / Hydraulic |



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DeepOcean accepts no responsibility for and disclaims all liability for any errors and/or omissions in this production.

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

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