



## Pipe and Cable Lay

Our world-class design, your problem solved

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## **Osbit isn't just our name, it's our promise.**

Whatever your offshore engineering need, we'll take your problems and own them until we solve them. It's as simple as that.

We believe in delivering high-quality bespoke engineering with a flexible service, so whether you're after a turnkey system, an asset upgrade or another form of support, we'll bring it to you On Spec, Budget and In Time, every time.

## **Pipe and Cable Lay**

Our engineers have steered the design and built some of the world's most advanced pipe lay and cable lay systems.

We cover all types of installation systems, with our skills ranging from turnkey solutions, to smaller system components. Safety, reliability and protection of the product and operator at all times are at the core of our promise.

Elevating powered roller boxes, designed for a deck pipe conveyor system







## Expertise

- Reel and drum movers
- Reel drive systems
- Under rollers
- Coilers and spooling systems

## Recent Projects

- Class-leading quadrant handling system for DeepOcean
- Fixed and elevating powered roller boxes, to extend a deck pipe conveyor system for Technip
- Quadrant handling system to install power cables into wind farm transition pieces for Technip
- Subsea cable repair system for SA Power Networks



Cable handling spread designed for use in the installation of power cables into wind farm transition pieces



## DeepOcean Quadrant Handling System

We designed and built a state of the art bespoke quadrant handling spread to be used for subsea inter array cable installation off the Maersk Recorder vessel.

The system was modified to fit an entirely new deck layout, incorporating operator-owned equipment. It was also upgraded to add extra functionality, with the addition of two new stern chutes and associated grillages, and a quadrant handling A-frame.

These changes helped to support the safe and effective 1st and 2nd end deployment of the subsea quadrant. They were also crucial in minimising on-site costs and accelerating the deployment process to achieve a lay rate of at least two complete cables per day.

*"Osbit's understanding and expertise has produced one of the most advanced systems on the market, giving us an advantage over our competitors in multiple key areas"*

Pierre Boyde - Managing Director Cable Lay and Trenching GNS

### Key Benefits

- Class-leading speed; successful laying of at least two complete cables per day
- Greater range of functionality through refurbishments and upgrades
- Seamless integration with third party equipment
- Enhanced operational efficiency, with novel quadrant handling deployment system



- 1 Tensioner
- 2 Stern Chute
- 3 Quadrant Deployment System
- 4 Cable Highway
- 5 Quadrant Handling Winch
- 6 Quadrant Running Tracking
- 7 Quadrant
- 8 Offline Highway for Operational Pre-Assembly