



Modular cable lay spread

Designed for rapid mobilisation and multi-vessel compatibility, Royal IHC's modular cable lay spread enables operators achieve faster deployment times across both cable installation and repair operations.

The modular system is purpose-built for easy transportation and integration on a wide range of vessel types and sizes, removing reliance on dedicated cable lay vessels to reduce downtime.

Mobilise within 72 hours

All system components are palletised for rapid mobilisation in standard ISO containers or flat racks and can be pre-assembled on the quayside to reduce vessel idle days.

Once installed, the plug-and-play design reduces commissioning time and simplifies integration with existing deck layouts.

Built-in versatility

The modular cable lay spread can be configured around project requirements, vessel availability and deck constraints, with options for extended roller highways, rental equipment, and flexible system layouts.

Key benefits

- ✓ Rapid mobilisation and commissioning
- ✓ Configurable for cable lay and repair operations
- ✓ Scalable for different vessel types and sizes
- ✓ Palletised components for easy transport
- ✓ Quayside assembly to limit vessel idle days
- ✓ Compatible with our rental winches and tensioners



◀ 15-tonne breakback tensioner with bi-directional cable passing, available to rent from Royal IHC

Palletised modules allow easy transport and rapid mobilisation in standard ISO containers or flat racks ▶



Multi-vessel compatibility
to accelerate mobilisation
and reduce downtime

Specifications

General

Minimum bend radius (MBR)	4 m
Product diameter	20 - 300 mm

Indicative dimensions

Length	30 m (from stern of vessel)
Width	15 m
Height	Adjustable
Roller highway	22 m

Note: All dimensions can be tailored to requirements

Self-sufficient testing

The modular cable repair spread is self-sufficient for pull testing of winches and the breakback tensioner, removing the need for additional test kit.

Key system components

Roller tables: Height adjustable and extendable roller highway and adapt to different deck layouts.

Quadrant: Breaks down into transportable sections and can be handled with standard forklifts for quayside assembly.

Quadrant handling system (QHS): Transported as a complete unit with no disassembly required. The QHS mechanically interlocks during overboarding for secure load transfer.

Stern chutes: Supplied in modular sections for ease of transport. The chutes are stowed clear of the water during vessel transit.

Tensioner: Breakback and tilt functionality with bi-directional cable passing to support flexible deck layouts.

The modular spread is supplied as a fully integrated system. Standard components include quadrant rails, tipping winches, deck grillages, and a control cabin.

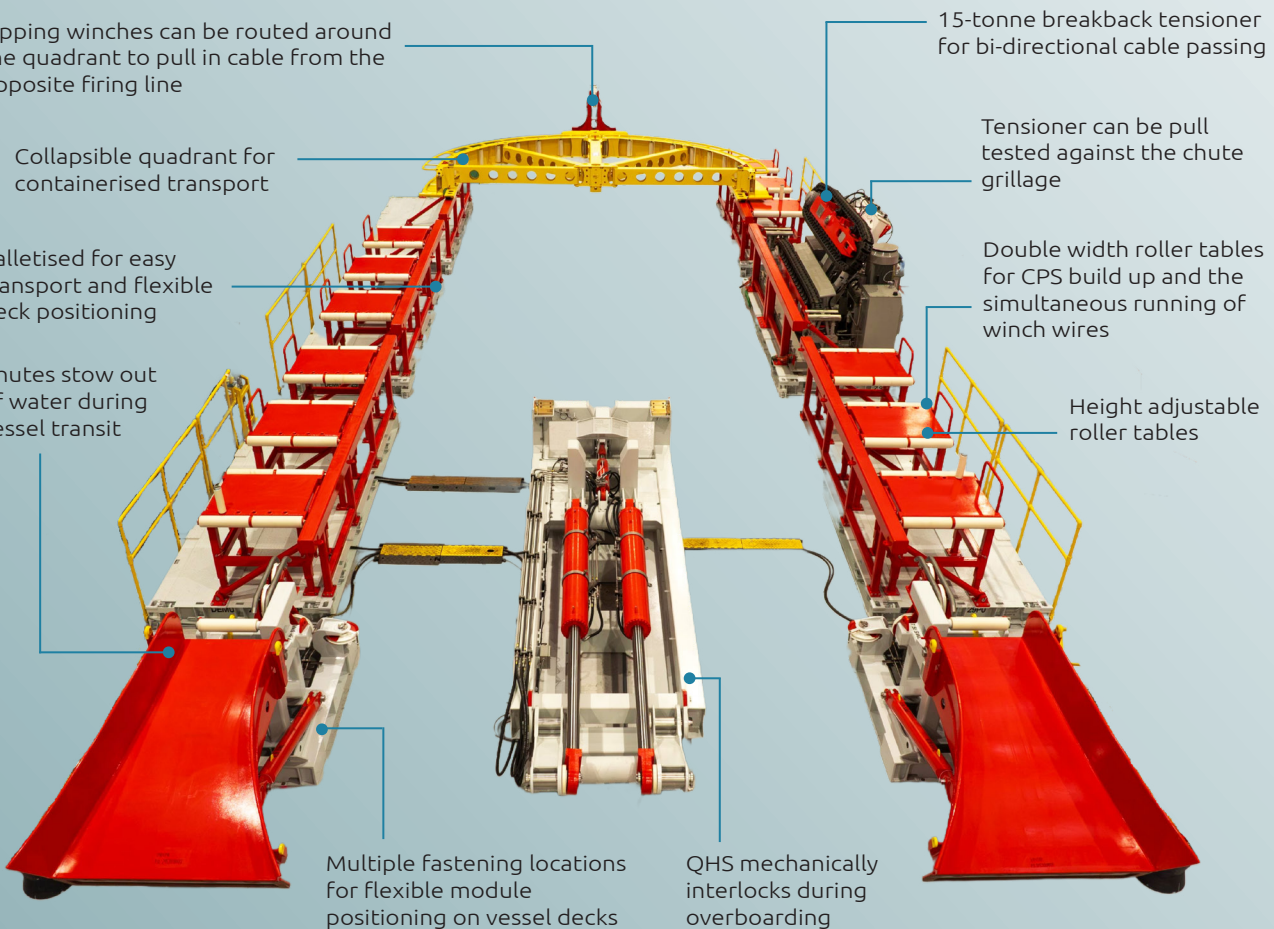
Key features of the modular cable lay spread

Tipping winches can be routed around the quadrant to pull in cable from the opposite firing line

Collapsible quadrant for containerised transport

Palletised for easy transport and flexible deck positioning

Chutes stow out of water during vessel transit



15-tonne breakback tensioner for bi-directional cable passing

Tensioner can be pull tested against the chute grillage

Double width roller tables for CPS build up and the simultaneous running of winch wires

Height adjustable roller tables

Multiple fastening locations for flexible module positioning on vessel decks

QHS mechanically interlocks during overboarding

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