

A large industrial tracked engine, the 15Te model, is shown in a factory setting. It has a white top track with 'IHC' branding, a red frame, and a control desk. A warning sign on the control desk reads 'DANGER KEEP CLEAR TESTING IN PROGRESS'. The engine is mounted on a skid and is surrounded by various industrial equipment and safety railings.

# 15Te breakback tracked engine

Our 15Te tracked engines, Rigs 113 and 114, are designed to be used in the laying and retrieval of subsea cables used within such industries as the power industry and telecommunication industry.

This tracked engine has an assisted render function which allows the set tension to be held constant by controlling the speed of the tracks automatically. The break back function allows the top track to pivot out of the firing line to pass a quadrant through. It is powered by an integrated hydraulic power pack mounted on the same skid. It is controlled with a remote ergonomically designed control desk. It is of robust design and is suitable for operation in all marine environments, delivering full tension in both directions.

## Key features

- maximum dynamic pull tension 15Te\*
- maximum speed in excess of 45m/min
- break back function pivots top track out of the firing line to enable the passing of the lay quadrant
- suitable for cable sizes between 50mm and 400mm
- self-contained control desk
- full colour touchscreen HMI
- simple deck installation with removable feet
- in an emergency, or power loss situations, the tracks will stay in their position and can hold the product for over 1 hour.

\* Please note that the maximum tension achievable will depend upon the type and size of cable due to friction factor limitations, and the general lay conditions.

*Image for illustration purposes only*

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## Specifications

Height	3,350mm
Width	2,200mm
Length	5,855mm
Track contact length	3,120mm
Track squeeze force	0 - 60Te variable
Weight	15Te
Control modes	manual/auto/assisted render
Power requirements	415V/125A
Length of data cable	between 15m (if required TE and control desk this can be lengthened)
Tension readout accuracy	usually within 5% (on site calibration required)
Bridge readout capability	RS 232/ 485 on request.

