

Rig 41: 3 Pair Linear Cable Engine

Our 3 pair linear cable engine, Rig 41, is designed to be used in the laying and retrieval of subsea cables used within such industries as the power industry and telecommunication industry. It is powered by a hydraulic powerpack and controlled with a remote ergonomically designed control desk. It is of robust design and is suitable to be operated in the most hazardous environments the industry has to offer. As with the majority of our LCEs, this rig has been designed to attach to the other LCE units within our fleet to give any size rig up to a 24 pair LCE.

Key Features:

- Maximum Dynamic Pull tension 3Te*;
- Max speed in excess of 3m/s;
- Suitable for cable sizes up to 300mm;
- Pass objects up to 400mm;
- Self contained control desk;
- Digital readouts for cable tension, speed, distance;
- Powered by HPU (supplied);
- Simple deck installation with removable feet;
- In emergency, or power loss situations, the wheel pairs will automatically close and can hold the product for over 1 hour;
- Can be modularly attached to further machines in our fleet to give up to a 24 pair LCE.



*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.

Basic Specifications:

Height:	1.7m
Width:	1.5m
Length:	3.0m
Weight:	3Te
Control Modes:	Auto, Manual, and Render
Typical HPU Supplied:	Rig 32 (45kW Closed Loop HPU)
Power Requirements:	HPU Dependent
Length of hoses/data cable between LCE and HPU:	10m (If required this can be lengthened)
Length of data cable between LCE and control desk:	15m (If required this can be lengthened)
Tension Readout Accuracy:	Usually within 5% (on site calibration required)
Bridge Readout Capability:	On request



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Registered in England No. 02044252.