

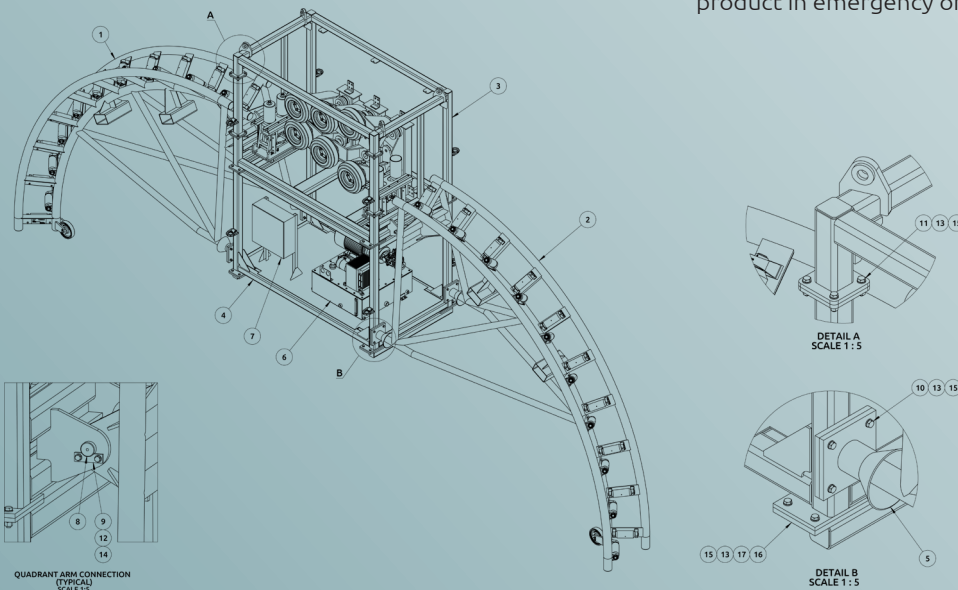


Powered Quadrant - 3 Pair (Rig 61)

Also known as a bow cable engine or BCE, Rig 61 is designed for cable transpooling operations such as transferring cables from manufacturing facilities to carousels or cable tanks. The ability to handle both power and telecommunications cables and a fully modular design make this equipment suitable for various applications. Powered by an integral hydraulic power pack, it is controlled remotely via an ergonomically designed control desk. The unit comprises an LCE and HPU mounted into crash frames and two pivoting quadrant arms, complete with a certified lifting bridle.

Key features

- compact modular design suitable for road transport with only minimal onsite assembly required
- can be disassembled and used for general cable handling or cable lay, allowing system to be used for cable loading and then be reconfigured for cable lay
- pivoting quadrant arms for reduced assembly height
- accumulator backed pivoting wheel arms will automatically handle transition from initiation rope to product
- wheel pairs will automatically close and can hold the product in emergency or power loss situations.



Specifications

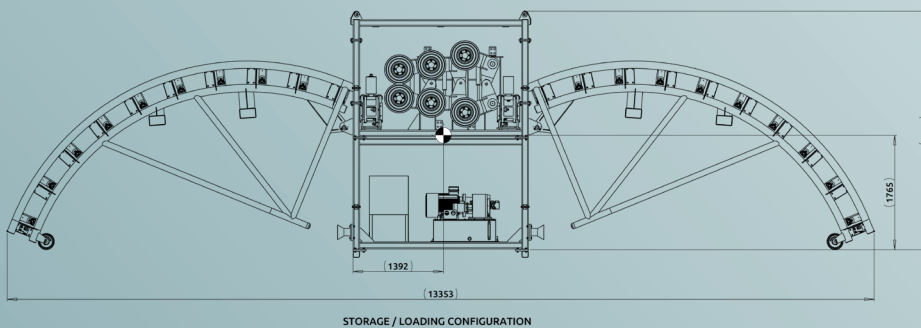
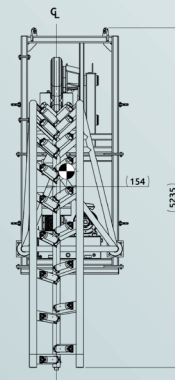
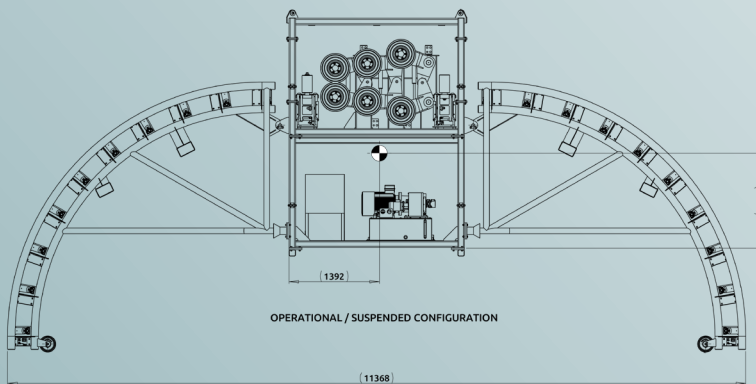
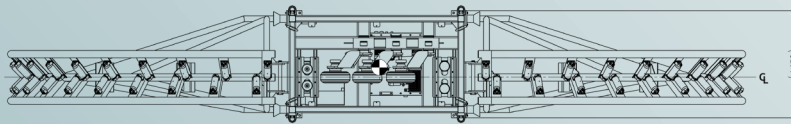
- **Maximum dynamic pull:** 2.5Te
- **Maximum speed:** 90m/min, 1 wheel in drive
30m/min, 3 wheels in drive
- **Maximum suspended load:** 7.4Te
- **Cable range:** 15mm to 200mm
- **Cable guides:** hydraulically actuated inlet/outlet roller guides
- **System feedback:** speed and distance
- **Power requirements:** 440V / 3 phase / 50Hz / 35A.

Dimensions & weights - assembled quadrant

- **Length:** 11,370m
- **Width:** 1,650mm
- **Height (operational):** 5,300mm
- **Height (storage):** 3,700mm
- **Weight:** 5.0Te (excluding slings)
- **Sections for transport:** 4.

Dimensions & weights - LCE section

- **Dimensions:** 2780mm x 1650mm x 1910mm (LxWxH)
- **Weight:** 1.9Te.



Dimensions & weights - HPU section

- **Dimensions:** 2780mm x 1650mm x 1760mm (LxWxH)
- **Weight:** 0.8Te.

Additional Equipment

- **Control desk:** dedicated IP56 control desk
- **Control desk cable:** 30m length supplied as standard
- **Spares package:** dedicated spares package supplied as standard
- **Ancillary equipment:** under rollers and chutes available on request.

Additional services

We offer the following services to enhance project success.

- **Project planning:** support in planning of cable movements to ensure a successful project
- **Operator support:** skilled operators available for on-site assistance during installation and operation
- **Logistics support:** we can handle all logistical aspects, ensuring smooth delivery and setup on-site.