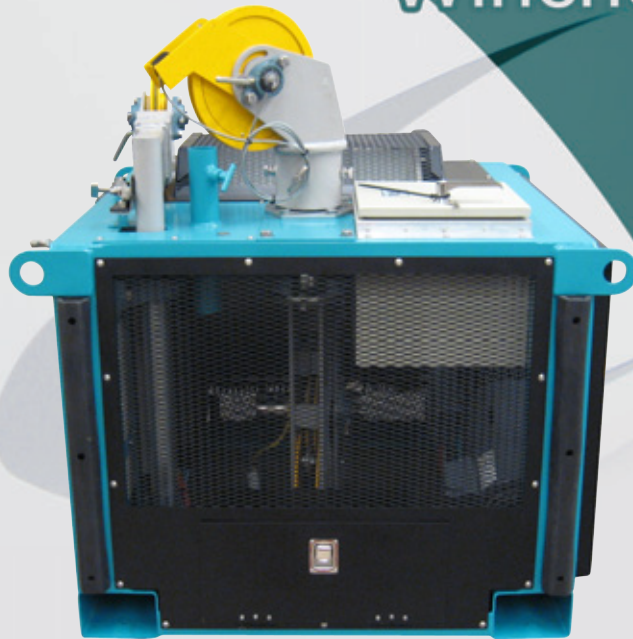


# Centrix Winches

## CE3500E Electric Winch



### Construction

The CE3500E wireline winch has a capacity for 3500 metres utilising 3/16" cable. It is designed for reliability having a strong steel box frame configuration. The drum is constructed of aluminium providing strength and reduced weight. The frame is protected with a powder coat finish. The frame has both fork lift tubes and lifting / tie down lugs for ease of transport.

### Cable spooling

The CE3500E incorporates an accurate cable laying system using a helical driven guide and slewing arm to place the cable precisely on the drum. A sprung manual adjuster enables precise cable alignment. Helical and drive shafts are protected by dust gaiters which extend life significantly.

### Slip Rings

The drum shaft can be adapted to take different slip ring configurations. Two, four and six channel slip ring types can be fitted depending on the application.

### Motor and Controller

The winch is driven by a reliable motor and close coupled gearbox fitted directly to the drum shaft. The motor is overload protected and the controller housed in a steel IP65 enclosure. A variable speed controller ensures smooth control from 1m/minute to full speed. The motor is cooled by a continuous running fan to ensure adequate heat dissipation at slow speeds in hot conditions.

### Depth Measuring

Is provided via one or two encoders on the metering sheave feeding the controller for live display.

### Brake

A spring applied brake on the motor locks the drum when stationary or if power is lost.

### Controller

The latest generation wireline controller is used for the CE3500E.

The controller panel is connected to the winch by a multi-core umbilical and provides the following features;

- Depth real time readout
- Speed control and cable speed readout
- Cable tension readout
- Zero cable tension detection & shutdown
- Datum zero depth position detection
- Select single or multi position depth set points (way pts)
- High limit cable tension alarm & shutdown
- Incorrect drive direction detection / alarm
- Real time information presentation
- Manual and automatic mode operation

### Warranty

5 years warranty on the frame and one year on all other components.



# CE3500E Electric Winch

## DIMENSIONS

Length 1036mm  
Height 855mm  
Width 1066mm

## CABLE CAPACITY

Length 3500m  
Diameter 3/16"

Weight 242kg / 582kg with cable  
Speed of Drum 40m/min maximum  
Tool Capacity 150kg



## FEATURES

- Portable Robust Design
- 240V Single Phase Power
- Intergrated Cable Boom
- Dust Bellows protect feed screws
- Two, Four or Six Way Slip Ring
- Direct Drive Gearbox
- Aluminium Drum Construction



Address: 24 Adams Drive  
Welshpool WA 6106

Phone: +61 (08) 9486 2500  
Fax: +61 (08) 9486 2501  
Email: [admin@centrixgroup.com.au](mailto:admin@centrixgroup.com.au)  
Website: [www.centrixgroup.com.au](http://www.centrixgroup.com.au)