

# Dale Lifting and Handling

SPECIALIST WINCH SOLUTIONS



## CHANDELIER HOISTING SYSTEM

Model CH100 AC Electric Powered  
100Kg Lifting Capacity

### FEATURES INCLUDE:

- **General**  
*Each component is supplied separately ready to install and is accompanied with detailed installation instructions. Securing bolts are not included as these will vary with each application*
- **Gearbox**  
*Quiet and efficient spur gearbox*
- **Brake**  
*An independent ratchet type brake running in oil, integral with the gearbox*
- **Motor**  
*High quality induction motor to IP54 specifications fitted as standard. Other options are available on request*
- **Construction**  
*Die cast foot mounted aluminium frame with enclosed drum flange's to prevent the wire rope becoming trapped between the drum and support castings*
- **12 months warranty**  
*On parts and service (excluding wire rope)*
- **Fitting service**  
*Full or partial fitting can be provided, including load testing and certification*
- **After sales service**  
*Technical advice given on winch fitting and component replacement, plus efficient overnight parts despatch and fast repairs*

### Note:

*Before installing any chandelier, it is important to work out what possible stress may be put onto the adjacent ceiling joists. A suitable support must be fitted across the joists to spread the load. If in doubt, consult a builder or structural engineer.*

### DESIGNED SPECIFICALLY FOR LIGHTING

*The chandelier winch has been specifically designed by Winchmaster to lift and lower a variety of chandeliers and other lighting fixtures. The use of this equipment makes bulb changing and cleaning quick and safe without the use of other specialized equipment.*

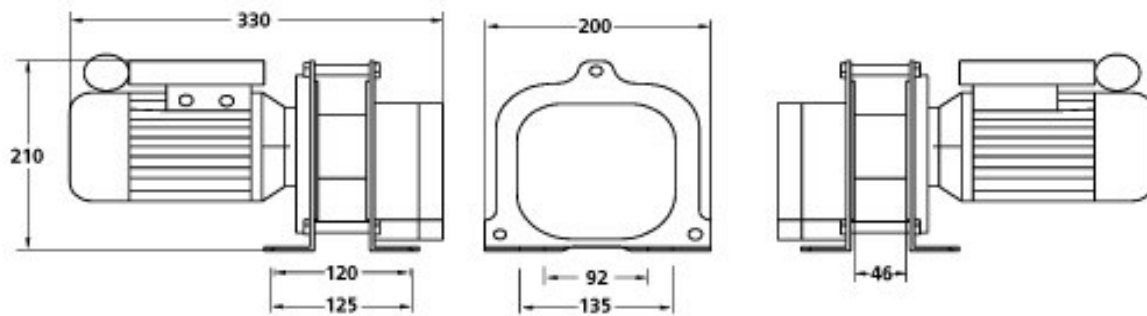
*Built to the highest standards to ensure reliability and minimum maintenance, the hoist will safely hold the lighting fixture in place until it requires lowering.*

*Can be wired into a standard household 13amp supply.*

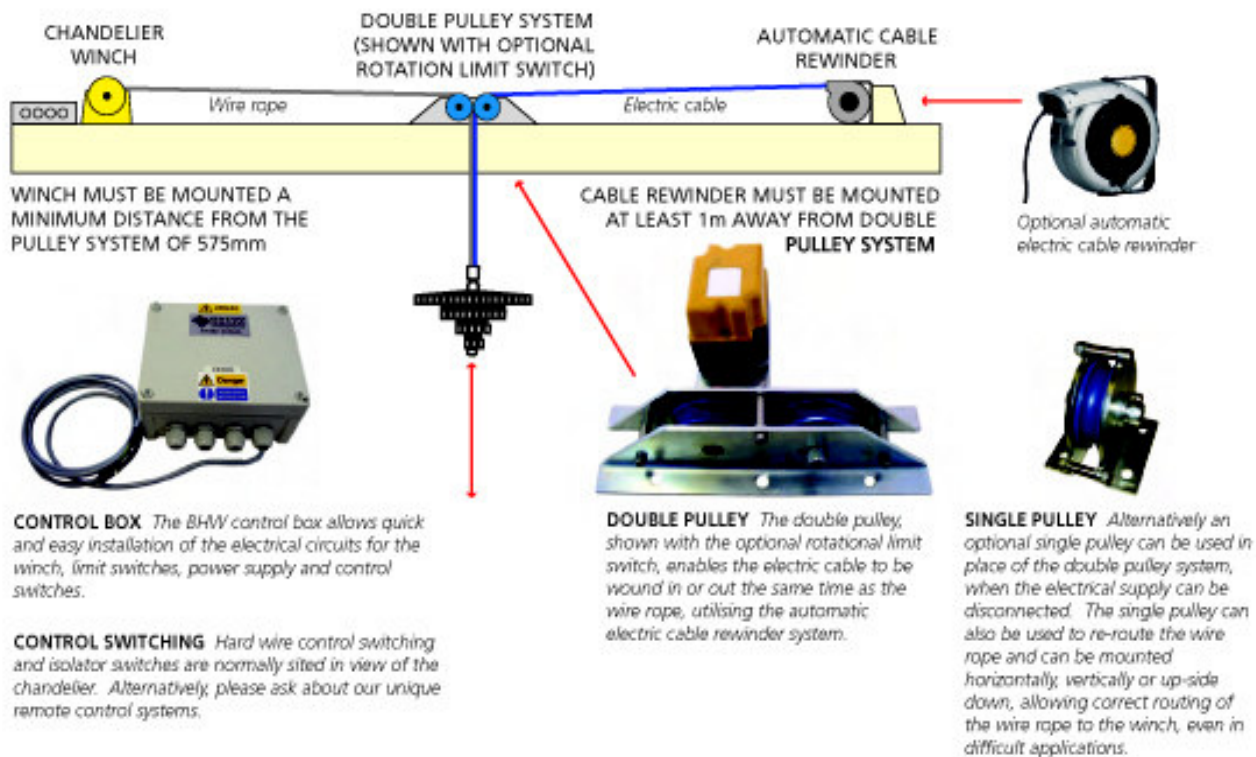
**The specific application will determine a choice of options and these can include: -**

- **Fully pre-wired control system complete with contactors and numbered termination blocks.**
- **Double pulley system for positioning above the light fitting that takes both the wire rope and electric supply cable.**
- **Rotational switch with both upper and lower limits that fits into the Pulley system.**
- **Single pulley for use when it is necessary to redirect the wire rope between hoist and pulley for straight-line access. This can be particularly useful in confined areas. Can also be used for positioning above the light fitting in place of double pulley when electrical supply is not required.**
- **Wire rope supplied to length required and with thimble eye termination.**
- **Automatic power cable rewind system (The Kw rating and circuit details of the fitting must be specified at the time of order) this is supplied certified suitable for the application.**

[www.dale-lifting.co.uk](http://www.dale-lifting.co.uk)  
0845 270 2919



## TYPICAL INSTALLATION LAYOUT



## SPECIFICATIONS

Rated lifting capacity:	100kg
Motor:	240v 0.18kw
Current consumption:	1.6amps
Line speed (approximate):	5m/min
Wire rope:	4mm, non rotational 18 / 7 construction. 1960N/mm <sup>2</sup> grade with minimum breaking force 10.3kN
Maximum drum capacity:	8m

## WARNING

These winches must not be used for the movement of personnel and 5 wraps of wire rope must be maintained on the drum.

## WARRANTY

Each new winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase.

**WIRE ROPES ARE NOT INCLUDED UNDER WARRANTY.**

[www.dale-lifting.co.uk](http://www.dale-lifting.co.uk)  
0845 270 2919