

Electric Winch

Model: **CWG-30750**

PN: w/3.8kw x 6P motor	PN: w/5.5kw x 4P motor
156577 380V50Hz	150009 380V50Hz 158322 380V50Hz
	151415 380V50Hz 158762 415V50Hz
	152860 440V50Hz 931505 400V50Hz

Introduction

► Feature

- Lifting capacity: 2,200 kg at 50Hz wire rope top layer
- Lifting height: 97 m
- Lifting speed: 4P: 6.9-12.6 m/min at 50Hz ; 6P: 4.5-8.3 m/min at 50Hz
- Brake: Electromagnetic spring-applied failsafe brake
- Control: Pendant switch powers the winch

► Unpacking

- Winch assembly 1pc
- Wire rope 16 mm x 100 m w/safety hook except for PN:150009 1pc
- Wire rope 14 mm x 150 m w/safety hook for PN:151415 1pc
- Low voltage control ass'y LV-320 1pc
- Pendant switch CPB-161 w/cord 1.25 mm² x 3C x 3 m 1pc
- Pendant switch CPB-161 w/cord 1.25 mm² x 3C x 6 m for PN 931505 1pc

► Read this manual carefully

You should carefully read and understand this manual before operating it. Careless winch operation may result in personal injury hazards or property damage.

► Information requesting or parts ordering

Please specify the followings information:

- Winch PN
- Serial number
- Part description
- Replacement part number
- Quantity for each part

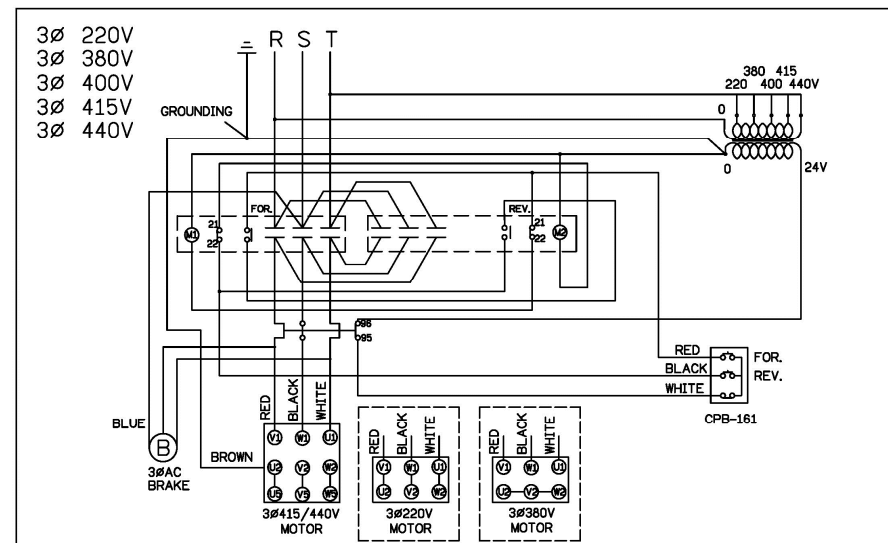
Installation

Before using the winch, make sure all electrical components have no corrosion or damaged; the environment should be clear and dry.

► Performance

Winch Model				CWG-30750							
Motor		kwxp		5.5 x 4				3.8 x 6			
Recommended Wire Rope		Size(mm)		16							
		Breaking (kg)		11,900							
1 st Layer	Rated Load	50Hz	4,014	2 nd Layer	Rated Load	50Hz	3,446	3 rd Layer	Rated Load	50Hz	3,019
	Speed (m/min)	50Hz	6.9 4.5		Speed (m/min)	50Hz	8.1 5.3		Speed (M/min)	50Hz	9.2 6
	Rope-Winding Cumulating Sum (m)		11		Rope-Winding Cumulating		24		Rope-Winding Cumulating Sum (m)		39
4 th Layer	Rated Load	50Hz	2,686	5 th Layer	Rated Load	50Hz	2,419	6 th Layer	Rated Load	50Hz	2,200
	Speed (m/min)	50Hz	10.4 6.8 8.1		Speed (m/min)	50Hz	11.5 7.5 9		Speed (m/min)	50Hz	12.6 8.3 9.9
	Rope-Winding Cumulating Sum (m)		56		Rope-Winding Cumulating Sum (m)		75		Rope-Winding Cumulating Sum (m)		100

► Wiring Diagram



Warning

- The winch is not intended to be used in any manner for the movement or lifting of personnel.
- The lifting capacity shown is based on the top layer of rope on the drum.
- The rope winding on the drum shall remain 5 wraps from the drum.

Parts List

Item No.	Description	Part No.	Qty
1	Motor kit	As arranged	1
2	Motor support rack kit	880610	1
3	Drum kit	880611	1
4	Connect shaft kit	880612	1
5	Tie bar kit	880613	4
6	Gearbox support rack kit	880614	1
7	3 rd stage carrier kit	880616	1
8	2 nd stage carrier kit	880618	1
9	2 nd & 3 rd ring gear kit	880619	1
10	Fix plate kit	880620	1
11	1 st stage carrier kit	880622	1
12	1 st ring gear kit	880623	1
13	1 st shaft kit	880624	1
14	Brake base kit	881638	1
15	Brake kit	As arranged	1
15-1	Brake disc	880626	2
15-2	Brake coil	As arranged	1
16	Brake rear cover kit	880627	1
17	Wire rope w/hook	880628	1
	Wire rope w/hook for PN:151415	882165	1
18	Low voltage control ass'y LV-320	As arranged	1
18-1	Remote control,CPB-161	881047	1
	Remote control,CPB-161 for PN 931505 (1.25 mm ² x 3C x 6 m)	882386	1
19	Base plate kit	881637	1

Part No. configurations:

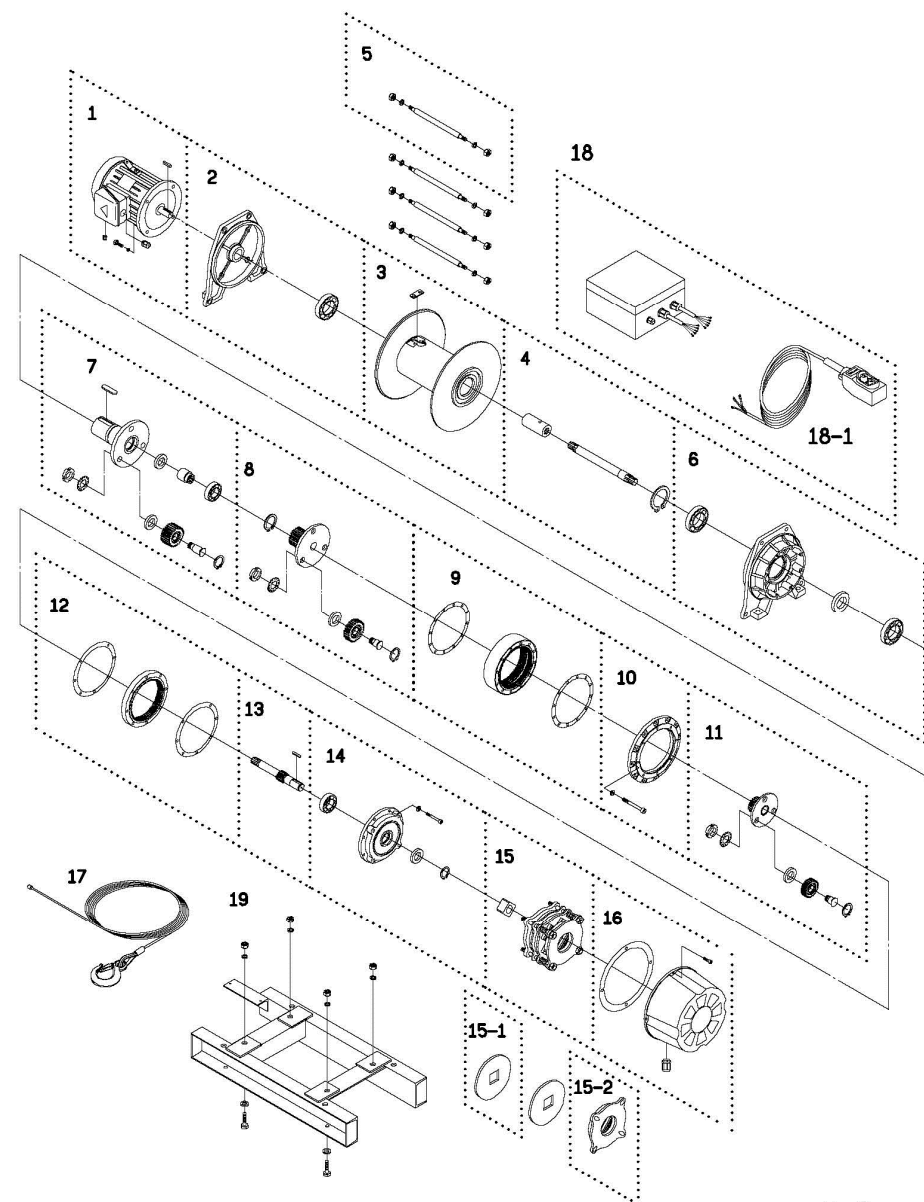
Cycle	Voltage	kw x p	Motor	kw x p	Motor
50 Hz	380 V	5.5 x 4	880637	3.8 x 6	880641
50 HZ	400 V	5.5 x 4	881448		
50 Hz	415 V	5.5 x 4	880638		
50 Hz	440 V	5.5 x 4	880636		

Cycle	Voltage	Brake kit	Brake coil	LV-320
50 Hz	380 V	881640	880648	881826
50 Hz	400 V	881641	881450	882385
50 Hz	415 V	881642	880649	881831
50 Hz	440 V	881643	880650	882055

Standard Value for brake coil (50Hz):

Voltage	220V	380V	400V	415V	440V
Black & Blue	28Ω	108Ω	90Ω	117Ω	126Ω
Black & Red	12Ω	48Ω	40Ω	52Ω	56Ω
Red & Blue	15Ω	54Ω	50Ω	62Ω	70Ω

Winch Assembly



Ver:6