CWL-200L, CWL-301L

200-300 kg



▲ CWL-200L

- Lightweight and compact design for easy installation
- Double mechanical ratchets brake provide instant and safe braking
- Operates on standard household power supply
- Wire rope comes with a safety-latch weight hook
- Enclosed drum flanges to prevent rope becoming trapped between drum and support castings
- Emergency stop function switch is available upon request

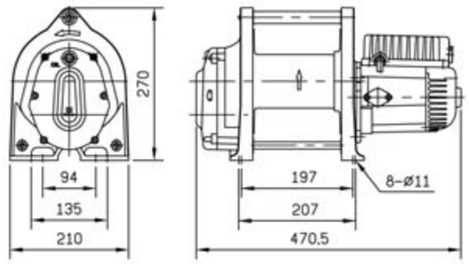
Best solution for wind energy turbines for efficient and economical operation at great heights.

SPECIFICATIONS

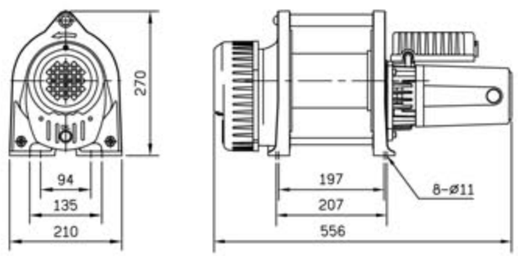
MODEL			CWL-200L	CWL-301L
Lifting capacity kg wire rope top layer			200	300
Lifting speed, m/min	first layer		11	16
	top layer		16	25
Motor rating IP44	type		Series Wound	
	output, kw x Amp	1ph, 110V	1.2 kw x 12 A	-
		1ph, 220-240V	1.5 kw x 7.5 A	2.3 kw x 11 A
Gear ratio			240:1	110:1
Maximum lifting height, m			69	58
Braking methods	for motor		Electromagnetic	
	for gear		Double mechanical ratchets	
Wire rope w/hook	size, mm x m		* 5 x 71	* 6 x 60
	construction		6 x 19	
	breaking strength, kg		1,270	2,010
	weight hook		CHW-0031	
Drum dimension, mm	length		147	147
	drum dia.		95	95
	flange dia.		190	190
Mounting bolts pattern, mm x mm			197 x 94 207 x 135	
Standard accessory	weight hook		*	
	remote control		*	
	power lead		1.5 mm² x 3C x 3 m and industry plug	-
Net weight, kg (standard version)			33	40
Gross weight, kg			35	42
Body dimension, mm (L x D x H)			407.5 x 210 x 270	556 x 210 x 270
Box dimension, mm (L x D x H)			545 x 395 x 350	630 x 395 x 350

Note: *1. Above performance ratings are based on 50Hz supply.*
(60Hz motor available as option resulting in a reduction of lifting capacities by 20% and a speed increase of 20%)
2. "" Means standard version*

DIMENSION mm/in (CWL-200L)



DIMENSION mm/in (CWL-301L)



SOLUTION for REMOTE CONTROL (CWL-200L)

1). * Remote control, CPB-313
- Switch cord 1.25 mm² x 6C x 10 m
- Pendant switch CPB-313

2). Remote control, PB-417
- Switch cord 1.25 mm² x 6C x 10 m
- Pendant switch PB-417 w/an emergency stop button

SOLUTION for REMOTE CONTROL (CWL-301L)

1). * Remote control, CPB-313
- Switch cord 2.0 mm² x 6C x 10 m
- Pendant switch CPB-313

2). Remote control, PB-417
- Switch cord 2.0 mm² x 6C x 10 m
- Pendant switch PB-417 w/an emergency stop button

Longer Rope Compact Winch

110V or 220V-240V x 1ph AC (CWL-200L)
220V-240V x 1ph AC (CWL-301L)



▲ CWL-301L

PERFORMANCE DATA

Pulling load capacity for various inclines in kg

MODEL	Level Surface	Gradient % inclines / angle in degrees				
		10%6°	20%11°	40%22°	60%31°	80%39°
CWL-200L	1,670	890	650	410	320	280
CWL-301L	2,500	1,340	970	620	490	410

1. All rating are based on the top layer. For each layer reduction on the drum pulling capacity is increased by 10%
2. Use a snatch block for double line operation, to increase line pull by approximately 85%
3. The pulling capacities are based on a pulling load and 15% has been allowed for friction (specific applications will vary)

Lifting Capacity, Lifting Speed and Rope Capacity

MODEL	CWL-200L		
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed m/min	Total Rope on the Drum, m
1st	320	11	8.9
2nd	291	11.6	18.7
3rd	267	12.6	29.4
4th	246	13.7	41
5th	229	14.7	53.5
6th	213	15.8	66.9
7th	200	16	71

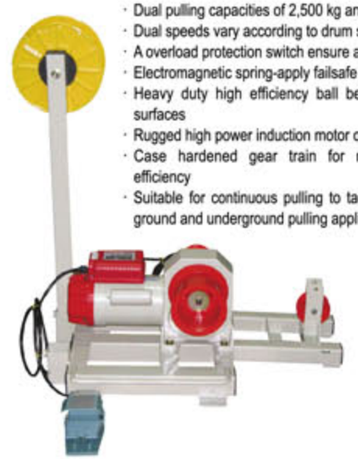
MODEL	CWL-301L		
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed m/min	Total Rope on the Drum, m
1st	478	16	7.5
2nd	427	17.7	15.8
3rd	386	19.6	25
4th	353	21.5	35.1
5th	324	23.4	46.1
6th	300	25	60

Note: *Above performance ratings are based on 50Hz supply.*

H-2500 — Cable Puller

2,500 kg

110V, 220V-240V x 1ph AC



- Dual pulling capacities of 2,500 kg and 1,500 kg
- Dual speeds vary according to drum size
- A overload protection switch ensure automatic shut-off
- Electromagnetic spring-apply failsafe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Rugged high power induction motor of proven reliability
- Case hardened gear train for maximum mechanical efficiency
- Suitable for continuous pulling to tackle the toughest wall, ground and underground pulling applications

SPECIFICATIONS

MODEL		Large drum	Small drum
Pulling capacity kg		1,500	2,500
Rope speed m/min	50 Hz	4.0	2.5
	60 Hz	5.0	3.0
Gear train		hypoid gear plus spur gears	
Gear ratio		154:1	
Motor rating IP44, kw x p		0.6 x 4	
Drum dimension, mm	length	124	104
	drum dia.	130	74
	flange dia.	150	94
Percentage duty cycle		25%ED	
Cable puller weight, kg		60	
Gross weight, kg		83	
Body dimension, mm (L x D x H)		457 x 362 x 267	
Box dimension, mm (L x D x H)		610 x 720 x 500	

STANDARD ACCESSORIES

- Rope arm
- Base plate
- Wire rope 8 mm x 50 m
- Detachable rope storage roller
- Foot control kit with 2.0 mm²x 3C x 2 m lead
- Power lead comes with 1.5 mm²x 3C x 3 mm and plug

DIMENSION mm/in

