

110574

FarmTek®

110V Electric Winch for Curtain Divider



- 1.5 HP
- 17.5 Amps
- Positive retention of wire rope on the drum
- Electromagnetic spring-applied failsafe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gears for maximum mechanical efficiency
- Enclosed drum flanges to prevent rope becoming trapped between drum and support steel plates
- Quiet running
- Emergency stop function switch is available upon request
- Low voltage control assembly is available upon request

SPECIFICATIONS

MODEL		CP-300
Lifting capacity	kg wire rope top layer	300
Lifting speed, m/min	first layer	10
	top layer	15
Motor rating IP44	type	Induction
	output, kw x poles	1ph,110V 1ph,220-240V
Gear ratio		43:1
Maximum lifting height, m		29
Braking methods		Electromagnetic
Wire rope w/hook	size, mm x m	* 6 x 30
	construction	6 x 19
	breaking strength, kg	2,010
	weight hook	CHW-0031
Drum dimension, mm	length	110
	drum dia.	94
	flange dia.	154
Mounting bolts pattern, mm x mm		142 x 142
Standard accessory	weight hook	*
	remote control	*
	power lead	1.5 mm ² x 3C x 3 m and industry plug
Net weight, kg (standard version)		38
Gross weight, kg		40
Body dimension, mm (L x D x H)		548.5 x 210 x 241
Box dimension, mm (L x D x H)		650 x 290 x 295

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

SOLUTION for REMOTE CONTROL

- 1). *Remote control, CPB-213
 - Switch cord 1.25 mm² x 5C x 3 m
 - Pendant switch CPB-213
- 2). Remote control, PB-331
 - Switch cord 1.25 mm² x 5C x 3 m
 - Pendant switch PB-331 w/an emergency stop button
- 3). Low voltage control ass'y LV-320
 - Remote control, PB-306
 - Switch cord 1.25 mm² x 3C x 3 m
 - Pendant switch PB-306 w/an emergency stop button
 - Low voltage control, LV-320

PERFORMANCE DATA

Pulling load capacity for various inclines in kg					
MODEL	Level Surface	Gradient % inclines / angle in degrees			
		10%6°	20%11°	40%25°	60%31° 80%39°
CP-300	2,250	1,200	900	600	500 400

1. All ratings 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			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed m/min	Total Rope on the Drum, m
MODEL	CP-300	CP-300	CP-300
1 st	444	10	5.4
2 nd	396	11.3	11.5
3 rd	358	12.5	18.3
4 th	327	13.8	25.7
5 th	300	15	30

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

DIMENSION mm/in

