CWG-30375, CWG-30565, CWG-30750, CWG-31500, CWG-34000

900-1,100-2,200-3,500-5,000 kg

380V-440V x 3ph AC



▲CWG-34000

- Electromagnetic spring-applied failsafe brake
- Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gears for maximum mechanical efficiency
- Cast steel foot mountings
- Fabricated steel drum
- Supplied on steel base plate ready to mount
- Rated capacity limiter limits driving power of the motor to prevent overloading of the winch
- Quiet running
- Low voltage control ass'y comes as standard
- Emergency stop function switch is available upon request



▲CWG-30750



▲CWG-31500

SPECIFICATIONS

MODEL		CWG-30375		CWG-30565		CWG-30750		CWG-31500		CWG-34000	
Option		A	B	A	B	A	B	A	B	A	B
Lifting capacity kg wire rope top layer		900		1,100		2,200		3,500		5,000	
Lifting speed, m/min	first layer	13	8.5	14	9.2	6.9	4.5	5.8	4.4	8	5.3
	top layer	20.6	13.5	25	16.4	12.6	8.3	8	6	12.2	8
Motor rating IP54	type	Induction									
	output,kw x poles	3.8 x 4	2.2 x 6	5.5 x 4	3.8 x 6	5.5 x 4	3.8 x 6	5.5 x 6	3.8 x 8	11 x 4	7.5 x 6
Gear ratio		48:1		50:1		127:1		192:1		197:1	
Maximum lifting height, m		58		97		97		144		192	
Braking methods		Electromagnetic									
Wire rope w/hook	size, mm x m	* 10 x 60		* 12 x 100		* 16 x 100		* 18 x 150		* 22.4 x 200	
	construction	6 x 24									
	breaking strength, kg	4,640		6,680		11,900		15,000		23,300	
Drum dimension, mm	length	230		312		312		405		680	
	drum dia.	127		140		178		356		324	
	flange dia.	275		320		410		570		570	
Mounting bolts pattern, mm x mm		500 x 370		620 x 425		600 x 499		847 x 680		920 x 680	
Standard accessory	safety-latch hook	•									
	remote control	•									
	low voltage control	•									
	base plate	•									
Net weight, kg (standard version)		185		293		400		930		1,380	
Gross weight, kg		220		340		450		1,000		1,465	
Body dimension, mm (L x D x H)		974 x 400 x 445		1,120 x 470 x 520		1,246 x 565 x 658		1,439 x 740 x 860		1,860 x 740 x 905	
Box dimension, mm (L x D x H)		1,140 x 590 x 620		1,290 x 650 x 750		1,390 x 710 x 900		1,590 x 840 x 1,090		2,040 x 840 x 1,170	

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



▲CWG-30565



▲CWG-30375

PERFORMANCE DATA

Puiiing load capacity for various incliines in kg						
MODEL	Level Surface	Gradient % inclines / angle in degrees				
		10%6°	20%11°	40%22°	60%31°	80%39°
CWG-30375	7,500	4,020	2,920	1,860	1,460	1,250
CWG-30565	9,170	4,910	3,560	2,280	1,780	1,520
CWG-30750	18,330	9,830	7,130	4,560	3,560	3,050
CWG-31500	29,170	15,630	11,340	7,250	5,660	4,840
CWG-34000	41,670	22,330	16,200	10,360	8,090	6,920

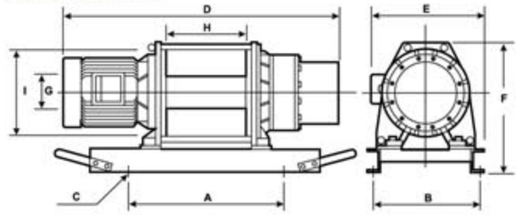
1. All rating are based on the top layer. For each layer reduction on the drum pulling capacity is increased by 10%
2. Use a snatch block for double line operation, to increase line pull by approximately 85%
3. The pulling capacities are based on a pulling load and 15% has been allowed for friction (specific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

Lifting Capacity, Lifting Speed and Rope Capacity				
MODEL	CWG-30375			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed, m/min		Total Rope on the Drum, m
		A	B	
1st	1,426	13	8.5	10
2nd	1,244	14.9	9.8	20
3rd	1,103	16.8	11	33
4th	991	18.7	12.2	46
5th	900	20.6	13.5	60

MODEL	CWG-30565			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed, m/min		Total Rope on the Drum, m
		A	B	
1st	1,968	14	9.2	12
2nd	1,700	16.2	10.6	26
3rd	1,496	18.4	12.1	42
4th	1,336	20.6	13.5	59
5th	1,207	22.8	15	79
6th	1,100	25	16.4	100

MODEL	CWG-30750			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed, m/min		Total Rope on the Drum, m
		A	B	
1st	4,014	6.9	4.5	11
2nd	3,446	8.1	5.3	24
3rd	3,019	9.2	6	39
4th	2,686	10.4	6.8	56
5th	2,419	11.5	7.5	75
6th	2,200	12.6	8.3	100

DIMENSION mm/in



MODEL	Mounting bolts pattern			D	E	F	G	H	I
	A	B	C						
CWG-30375	500	370	4 – Ø 19	974	400	445	127	230	275
CWG-30565	620	425	4 – Ø 19	1,120	470	520	140	312	320
CWG-30750	600	499	4 – Ø 22	1,246	565	658	178	312	410
CWG-31500	847	680	8 – Ø 28	1,439	740	860	356	405	570
CWG-34000	920	680	8 – Ø 32	1,860	740	905	324	680	570

MODEL	CWG-31500			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed, m/min		Total Rope on the Drum, m
		A	B	
1st	4,848	5.8	4.4	25
2nd	4,422	6.4	4.8	53
3rd	4,065	6.9	5.2	83
4th	3,761	7.5	5.6	116
5th	3,500	8	6	150

MODEL	CWG-34000			
Layer of Wire Rope	Lifting Capacity kg	Lifting Speed, m/min		Total Rope on the Drum, m
		A	B	
1st	7,587	8	5.3	32
2nd	6,718	9.1	5.9	68
3rd	6,028	10.1	6.6	108
4th	5,466	11.1	7.3	153
5th	5,000	12.2	8	200

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

SOLUTION for REMOTE CONTROL

1). * Low voltage control ass'y LV-320
- Remote control, CPB-161
. Switch cord 1.25 mm² x 3C x 3 m
. Pendant switch CPB-161
- Low voltage control, LV-320 for CWG-30375, CWG-30565, CWG-30750, CWG-31500 at 380-440V power ratings

2). *Low voltage control ass'y LV-360
- Remote control, CPB-161
. Switch cord 1.25 mm² x 3C x 3 m
. Pendant switch CPB-161
- Low voltage control, LV-360 for CWG-34000 at 380-440V power ratings

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 for CWG-30375, CWG-30565, CWG-30750, CWG-31500 at 380-440V power ratings

4). Low voltage control ass'y LV-360
- 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-360 for CWG-34000 at 380-440V power ratings