Model.YMBL230 BRUSHLESS MINI ELECTRIC WINCH

capacity: 230kg



Hat iniettion encapsultion process to prevent torsian breaking



Hanging bucde to prevent the pullng



Button handle with appearance patent







Intelligent integrated circut



Brushless motor



USAGE:

Suitable for hanging and lifting the structure, mould, advertising board and other materials in engineering project, workshop, shopping mall and warehousing.

SPECIAL FEATURES:

Motor system:

Super industrial brushless frequency conversion motor with high power and high eficiency. Suitable for long time working. It features temperature protection device, overload protection device and step less speed regulation.

Electric control system:

Its circuit has no capacitor, and controlled by SCM.It features stable performance, high power factor, plug and pull wiring, convenient and reliable operation and maintenance.

Brake system:

Dual brake system: mechanical double pawl gear brake system and controller short-circuit resistor brake system. Use high friction coefficient oiled copper brake disc, no need to be adjusted. The brake system will act immediately when power failure or winch failure.Full safety and long service life.

Safety system:

The position limit device will stop the winding of cable when it gets the upper and lower limits. It guarantees the safety of operation.

Cable specification:

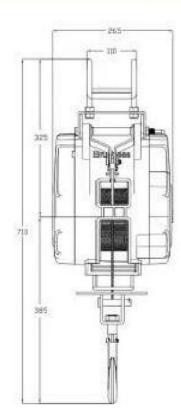
The cable is made of steel wire imported from japan, and manufactured by specialized wire rope factory. Its safety factor is 4:1.

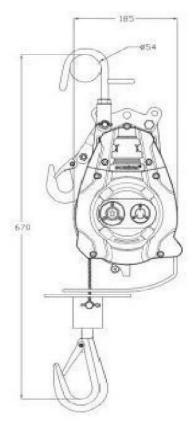
Gear system:

Use high efficiency bevel drive reduction gear. The strength of heat treated alloy steel gear is 3 times higher than rated capacity of winch.

Main unit housing:

The housing of motor and gear box is one-piece aluminum alloy die-casting structure with strong toughness. it is machined by CNC with high precision, which make the running of winch smooth and low noise. The surface of housing is powder coated, which grade is same as automobile with nice appearance. It also features compact and light weight.





Technical Parameter

Model	Voltag/frequency	Speed	wire rope	Motor	Pated Load	Weight
YMBL230	220V 50/60Hz	7-19m/min	30m(5mmx30m)	2100W	230kgs	17kgs

Lifting Equipment

Model.YMBL360 **BRUSHLESS MINI ELECTRIC WINCH**





Hat iniettion encapsultion process to prevent torsian breaking

Hanging bucde to prevent the pullng



Button handle with appearance patent





Brushless motor





Intelligent integrated circut



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Safety system:

The position limit device will stop the winding of cable when it gets the upper and lower limits. It guarantees the safety of operation.

Cable specification:

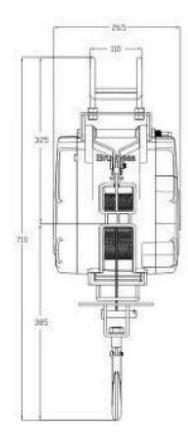
The cable is made of steel wire imported from japan, and manufactured by specialized wire rope factory. Its safety factor is 4:1.

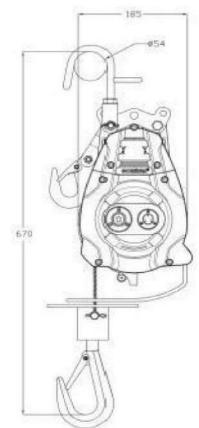
Gear system:

Use high efficiency bevel drive reduction gear. The strength of heat treated alloy steel gear is 3 times higher than rated capacity of winch.

Main unit housing:

The housing of motor and gear box is one-piece aluminum alloy die-casting structure with strong toughness. it is machined by CNC with high precision, which make the running of winch smooth and low noise. The surface of housing is powder coated, which grade is same as automobile with nice appearance. It also features compact and light weight.





Technical Parameter

Model	Voltag/frequency	Speed	wire rope	Motor	Pated Load	Weight
YMBL360	220V 50/60Hz	6-17m/min	60m(5mmx60m)	2400W	360kgs	23kgs

Lifting Equipment

Model.YMBL500 BRUSHLESS MINI ELECTRIC WINCH

capacity: 500kg



Hat iniettion encapsultion process to prevent torsian breaking

8

Hanging bucde to

prevent the pullng



Button handle with appearance patent





Brushless motor





Intelligent integrated circut



USAGE:

Suitable for hanging and lifting the structure, mould, advertising board and other materials in engineering project, workshop, shopping mall and warehousing.

SPECIAL FEATURES:

Motor system:

Super industrial brushless frequency conversion motor with high power and high eficiency. Suitable for long time working. It features temperature protection device, overload protection device and step less speed regulation.

Electric control system:

Its circuit has no capacitor, and controlled by SCM.It features stable performance, high power factor, plug and pull wiring,convenient and reliable operation and maintenance.

Brake system:

Dual brake system: mechanical double pawl gear brake system and controller short-circuit resistor brake system. Use high friction coefficient oiled copper brake disc, no need to be adjusted. The brake system will act immediately when power failure or winch failure.Full safety and long service life.

Safety system:

The position limit device will stop the winding of cable when it gets the upper and lower limits. It guarantees the safety of operation.

Cable specification:

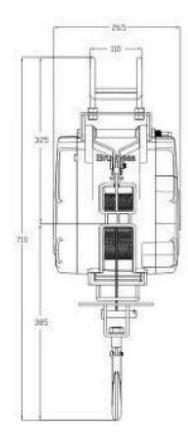
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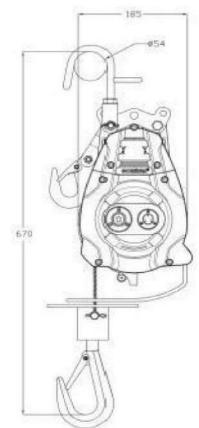
Gear system:

Use high efficiency bevel drive reduction gear. The strength of heat treated alloy steel gear is 3 times higher than rated capacity of winch.

Main unit housing:

The housing of motor and gear box is one-piece aluminum alloy die-casting structure with strong toughness. it is machined by CNC with high precision, which make the running of winch smooth and low noise. The surface of housing is powder coated, which grade is same as automobile with nice appearance. It also features compact and light weight.





Technical Parameter

Model	Voltag/frequency	Speed	wire rope	Motor	Pated Load	Weight
YMBL500	220V 50/60Hz	5-16m/min	30m(6mmx30m)	2800W	500kgs	24kgs

Lifting Equipments



YM-2000

FEATURES

·Highly nominal and efficient roller bearing is used on the gear.

The gear has received heat treatment high precision processing and is abrasion resistant.

•The power is under even distribution of force for higher safety and longer lifetime.

•The electromagnetic brake requires no adjustment clearance and it brakes automatically during power failure thereby offering both safety and reliability.

Motor sensor for longer and more frequent usage as well as easy maintenance.

·Three phases 220V/380V/440V.

SPECIFICATION

·Lifting Capacity (top layer) : 2,000 kg

·Lifting Speed : Option : 15 ~ 20 m/min

·Motor: Option: 7.5 HP x 4 poles

·Lifting height : 97 m

·Wire Rope : 14 mm x 100 m

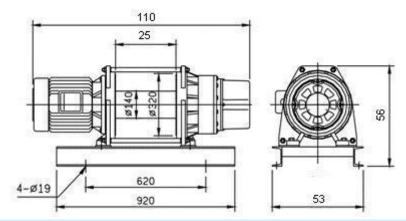
Note :

Above performance ratings are based on 50 Hz supply. (60 Hz motor available as option resulting in a reduction of lifting capacities by 20% and a speed increase of 20%)

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%

DIMENSIONS (mm)



STANDARD ACCESSORIES

Wire rope w/safety hook

•Switch cord 1.25 mm x 3C x 3 m

Power lead 3.5 mmx 4C x 0.3 m

·Pendant Switch K61

·Base Plate

OPTIONAL ACCESSORIES

·Pendant control K-61B assembly

PACKAGE

·Winch Weight : 300 kg ·Gross Weight : 301 kg



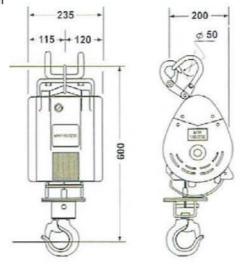
Industrial Electrical Winch



Features

- · Lightweight and compact design allows easy installation
- Automatic upper limit switch when rope disc touches the limit arm, hoisting is automatically stopped
- · Dynamic and mechanical brake provides instant and safe braking
- can operate on standard domestic power supply
- · Sensor arm automatically stops motor if the wire rope is under-wound
- Wire rope comes with a 360° weight hook with safety latch

- Wire rope 5mmx70m
- Weight hook K-11
 Switch cord 2mm²x5Cx7m
 Power lead 2mm²x3Cx4.5m
- Pendant switch K-160



Mod	el	YM-230	YM-360	YM-500
Lifting Capacity kg Wi	re Rope Top Layer	230	360	500
Lifting Speed m/min	First Layer	9	13	8
	Top Layer	14	18	12
Motor kw x A	220V-240V	1.3x6.5	1.8x7	2.0x7
Lifting He	ight m	29	59	29
Wire rope Ø	mm x m	5x30	5x60	6.35x30
Net Weig	ght kg	18	23	28
Gross Wei	ight kg	25	30	35



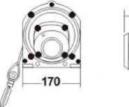
Industrial Electrical Winch

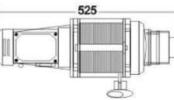
Features

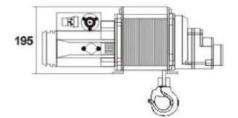
- Lightweight and compact design for easy installation •
- Dynamic and mechanical brake provides instant and safe braking
- Operates on standard household power supply •
- Comes complete with wire rope and hook
- Enclosed drum flange to prevent ropes becoming trapped between drum and support castings

- Wire rope 5mmx70m •
- •
- Switch cord 2mm²x6Cx6m Switch cord 2mm²x3Cx4.5m •
- Pendant switch K-613 .









	Model		YM-301L	YM-501S
Lifting Capacity kg Wire Rope Top Layer		300	500	
	First Layer		12	7
Lifting Speed m/min	Тор	Layer	16	11
Matashury	T	/pe	Series Wound	Series Wound
Motor kw X A	Output	220V-240V	14x6.5	14x6.5
	lethods For Motor For Gear		Electromagnetic Brake	Electromagnetic Brake
Braking Methods			Mechanical Brake	Mechanical Brake
Lifting Height m			69	24
	Diame	ter mm	5	7
Wire Rope	Length m		70	25
	Const	ruction	6x19	6x19
	w	idth	115	115
Drum Dimension mm	Dru	m Dia	80	80
	Flange Dia		123	123
Manutina	Dalt wattens		153x80	153x80
Mounting Bolt pattern mm			167x132	167x132
Net	Weight kg		27	28
Gros	s Weight kg		29	30

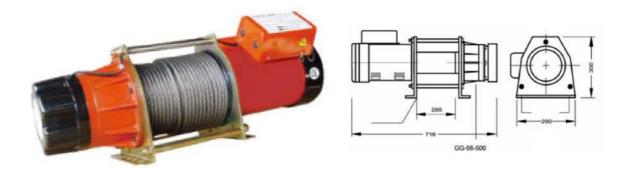


Heavy-Duty Industrial Electrical Winch

Features

- Positive retention of wire rope on to drum .
- Electromagnetic spring-applied fail safe brake .
- Heavy duty high efficiency ball bearings on all running surfaces
- planetary gearing for maximum mechanical efficiency ٠
- Enclosed drum flange to prevent ropes becoming trapped . between drum and support castings quiet running

- Wire rope 8mmx50m for YM-501
- Weight hook K-17
- .
- Switch cord 3.55mm²x5Cx3m Power lead 5.5mm²x3Cx60com and industry plug .
- Pendant switch K-213 .



Γ	Aodel	YM-501
Lifting Capacity k	Lifting Capacity kg Wire Rope Top Layer	
ifting food m/min	First Layer	18
ifting Speed m/min	Top Layer	23
Motor Rating IP44	kw/poles	1.8 x 4
Maximum Lifting Height m		49
Wire Rope of	mm x m	8 x 50
	Width	210
Drum Dimension	Drum Dia	92
	Flange Dia	200
Mounting B	Bolt Pattern mm	255 x 165
Net Weight kg		62
Gross	Weight kg	65

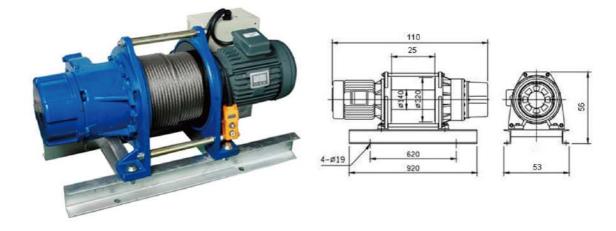


Heavy-Duty Industrial Electrical Winch

Features

- Heavy duty high efficiency ball bearings on all running surfaces .
- Planetary gearing for maximum efficiency
- . Cast steel foot mounting
- Fabricated steel drum .
- Electromagnetic spring-applied fail safe brake •
- Supplied on steel base plate ready to mount
- Enclosed drum flange to prevent ropes becoming trapped between . drum and support castings quietrunning

- Wire rope w/ safety hook Switch cord 1.25mm^{2x}3Cx10m Power lead 14mm²x4Cx1m .
- •
- Pendant switch K-61 .
- **Base Plate** •



Model	YM-1000
Lifting Capacity (Top Layer kg)	1000
Lifting Speed (m/min)	15-20
Motor (kw x poles)	5.5x4
Lifting (Height m)	58
Wire Rope (ø mm x m)	10x60
Net Weight (kg)	210
Gross Weight (kg)	240

PA100A

Features

Emergency stop switch Upper limit device Thermal protection termina Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220	/230
Input power(W)	1	80
Rated lifting weight(kg)	50	100
Lifting speed(m/min)	10	5
Lifting height(m)	8	4
Qty/CTN(PCS)	4	
packing dimension(cm)	41x30x22	
G.W./N.W.(kg)	21	/20

PA200A

Features Emergency stop switch Upper limit device Thermal protection terminal Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220/230	
Input power(W)		450
Rated lifting weight(kg)	100	200
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)	2	
packing dimension(cm)	46x36x16	
G.W./N.W.(kg)	2	1/20

PA250A

Features

Emergency stop switch Upper limit device Thermal protection terminal Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220,	/230
Input power(W)	50	00
Rated lifting weight(kg)	125	250
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)	2	
packing dimension(cm)	46x36x16	
G.W./N.W.(kg)	21,	/20

PA300A

Features

Emergency stop switch Upper limit device Thermal protection terminal Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220	/230
Input power(W)	5	50
Rated lifting weight(kg)	150	300
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)	2	
packing dimension(cm)	46x36x16	
G.W./N.W.(kg)	22	/21

PA400A

Features Emergency stop switch Upper limit device Thermal protection termir Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220	/230
Input power(W)	7	50
Rated lifting weight(kg)	200	400
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)	2	
packing dimension(cm)	52x41x17	
G.W./N.W.(kg)	33	/31

PA500A

Features

Emergency stop switch Upper limit device Thermal protection terr Protection class IP54



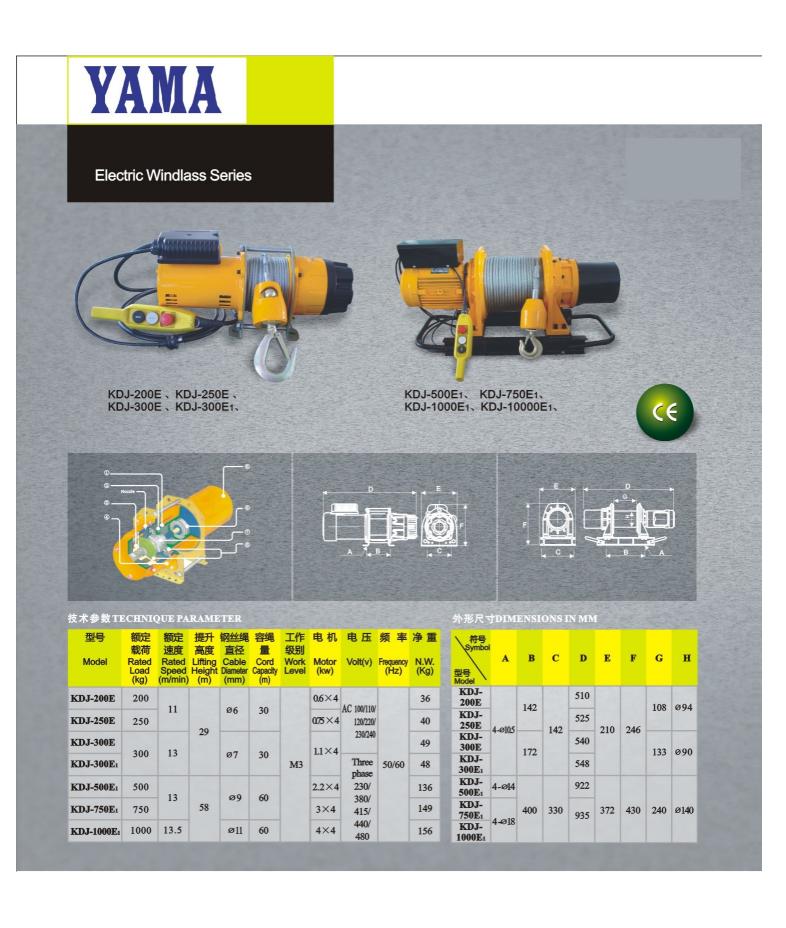
Method of use	Single hook	Double hook
Rated volt(V)	220	/230
Input power(W)	9	00
Rated lifting weight(kg)	250	500
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)		2
packing dimension(cm)	52x4	41x17
G.W./N.W.(kg)	34	/32

PA600A

Features Emergency stop switch Upper limit device Thermal protection termina Protection class IP54



Method of use	Single hook	Double hook
Rated volt(V)	220	/230
Input power(W)	10)50
Rated lifting weight(kg)	300	600
Lifting speed(m/min)	10	5
Lifting height(m)	12	6
Qty/CTN(PCS)		2
packing dimension(cm)	52x4	1x17
G.W./N.W.(kg)	36	/34





H-2500 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
- \cdot Suitable for continuous pulling to tackle the toughest wall, ground and underground pulling applications

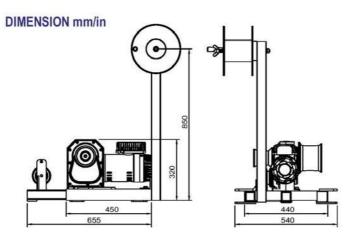


SPECIFICATIONS

M	ODEL	Large drum	Small drum
Pulling capacity	/ kg	1,500	2,500
Rope speed	50 Hz	4.0	2.5
m/mm	60 Hz	5.0	3.0
Gear train		hypoid gear	plus spur gears
Gear ratio		1:	54:1
Motor rating IP	44	60	00 w
Drum	length	124	104
dimension,	drum dia.	110	74
mm	flange dia.	166	94
Cable puller we	eight, kg		60
Gross weight, I	(g		83
Body dimensio	n, mm (L x D x H)	457 x 3	362 x 267
Box dimension	, mm (L x D x H)	610 x 7	20 x 500

STANDARD ACCESSORIES

- Rope arm
- Base plate
- Wire rope 8 mm x 50 m
- Detachable rope storage roller
- Foot control with 2.0 mm² x 3C x 2 m lead
- Power lead coming with 1.5 mm² x 3C x 3 m



ELECTRIC Winch (Longer rope)



< 110V or 220V-240V \times 1ph AC >

FEATURES:

- \cdot Positive retention of wire rope on to drum
- Electromagnetic spring-applied fail safe brake
 Heavy duty high efficiency ball bearings on all running surfaces
- Planetary gearing for maximum mechanical efficiency
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

WARNING:

Winches are not to be used for the moving of persons

WARRANTY:

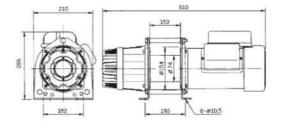
Each new winch is guaranteed against defects in workmanship and material defects for a period of twelve months from date of purchase.

Wire ropes are not included under warranty.

STANDARD ACCESSORIES:

Wire rope 7mmx30m Weight hook K-15 Switch cord 2mm²x5Cx3m Power lead 3.5mm²x3Cx60com and industry plug Pendant switch K-213





OPTIN ACCESSORIES:

Remote control K-213A assembly

SPECIFIC	CATIONS	
Model		YM-301E
Lifting capacity kg wire ro	ope top layer	300
Lifting speed m/min	first layer	12
Lifting speed m/min	top layer	18
Motor rating IP44	kw/poles	1.15×4
Maximum lifting height r	n	44
Wire rope φ mm \times m		6 x 45
	width	153
Drum dimension mm	drum dia	74
	flange dia	154
Net weight kg		36
Gross weight kg		38

ELECTRIC Winch



FEATURES:

- · Positive retention of wire rope on to drum
- Electromagnetic spring-applied fail safe brake
 Heavy duty high efficiency ball bearings on all
- running surfaces
- · Planetary gearing for maximum mechanical efficiency

YAMA

500. 500kg

 Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

WARNING:

Winches are not to be used for the moving of persons

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.

STANDARD ACCESSORIES:

Wire rope 8mmx30m for GG-500 Wire rope 8mmx50m for GG-500L Weight hook K-17 Switch cord 3.5mm²x5Cx3m Power lead 5.5mm²x3Cx60com and industry plug Pendant switch K-213

OPTIN ACCESSORIES:

Remote control K-213A assembly

SPECIFIC	ATIONS	
Model		YM-501E
Lifting capacity kg wire ro	ope top layer	500
Lifting croad m/min	first layer	18
Lifting speed m/min	top layer	23
Motor rating IP44	kw/poles	1.8×4
Maximum lifting height r	n	39
Wire rope φ mm \times m		7 x 40
	width	210
Drum dimension mm	drum dia	79
	flange dia	169
Mounting bolt pattern m	m	255×165
Net weight kg		62
Gross weight kg		65

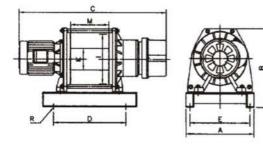
ELECTRIC Winch

< 220V-380V-440V×3ph AC >









FEATURES:

- Heavy duty high efficiency ball bearings on all running surfaces
- · Planetary gearing for maximum efficiency
- · Cast steel foot mounting
- · Fabricated steel drum
- \cdot Electromagnetic spring-applied fail safe brake
- Supplied on steel base plate ready to mount
- Enclosed drum flange to prevents ropes becoming trapped between drum and support castings quietrunning

WARNING:

Winches are not to be used for the moving of persons

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.

STANDARD ACCESSORIES:

Wire rope w/safety hook Switch cord 1.25mm²x3Cx10m Power lead 14mm²x4Cx1m Pendant switch K-61 Base plate

OPTIN ACCESSORIES:

Remote control K-82A assembly

		D	IMEN	ISIC	NS	MM			
Model	Mounti	ing bolt	pattern	D	E		м	v	D
model	Α	В	C	D	E		IVI	N	R
GG-1060	340	430	1000	400	336	280	240	110	4-\$16

Model	Lifting capacity	Lifting speed	Motor	Lifting	Wire rope	Net weight	Gross weight
	top layer kg	m/min	hp×poles	height m	♦ mm×m	kg	kg
M-1000E	1000	11-17	3×6	49	10×50	160	185