

**ELECTRIC
 HOIST & WINCH**

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COMPANY INTRODUCTION



Chi Zong Machine Co., Ltd. was established in 1979, we have been the leading manufacturer of compact electric hoist and winch in Taiwan. **"DUKE"** is the brand we are selling worldwide, while **"STRONG"** is our domestic brand in Taiwan.

Our product range as follows

AC Power: Electric Wire Rope Winch, Electric Chain Hoist

DC Power: Off-Road Winch..ATV & UTV winch

Battery Type: Battery Wire Rope Winch, Battery Chain Hoist

We also provide OEM/ODM solutions for customizations.

With strict quality control, every winch and hoist has to pass electrical and lifting tests before dispatch.

We insist using top grade electrical parts and raw materials to guarantee product quality.

DUKE products also receive a variety of patents for our superior design and innovation.

DUKE gains trust, support, and reputation from customers but will continue to consistently improve our products and services.

We work closely with distributors and retailers across the globe to make sure end users have pleasure experience using DUKE products.

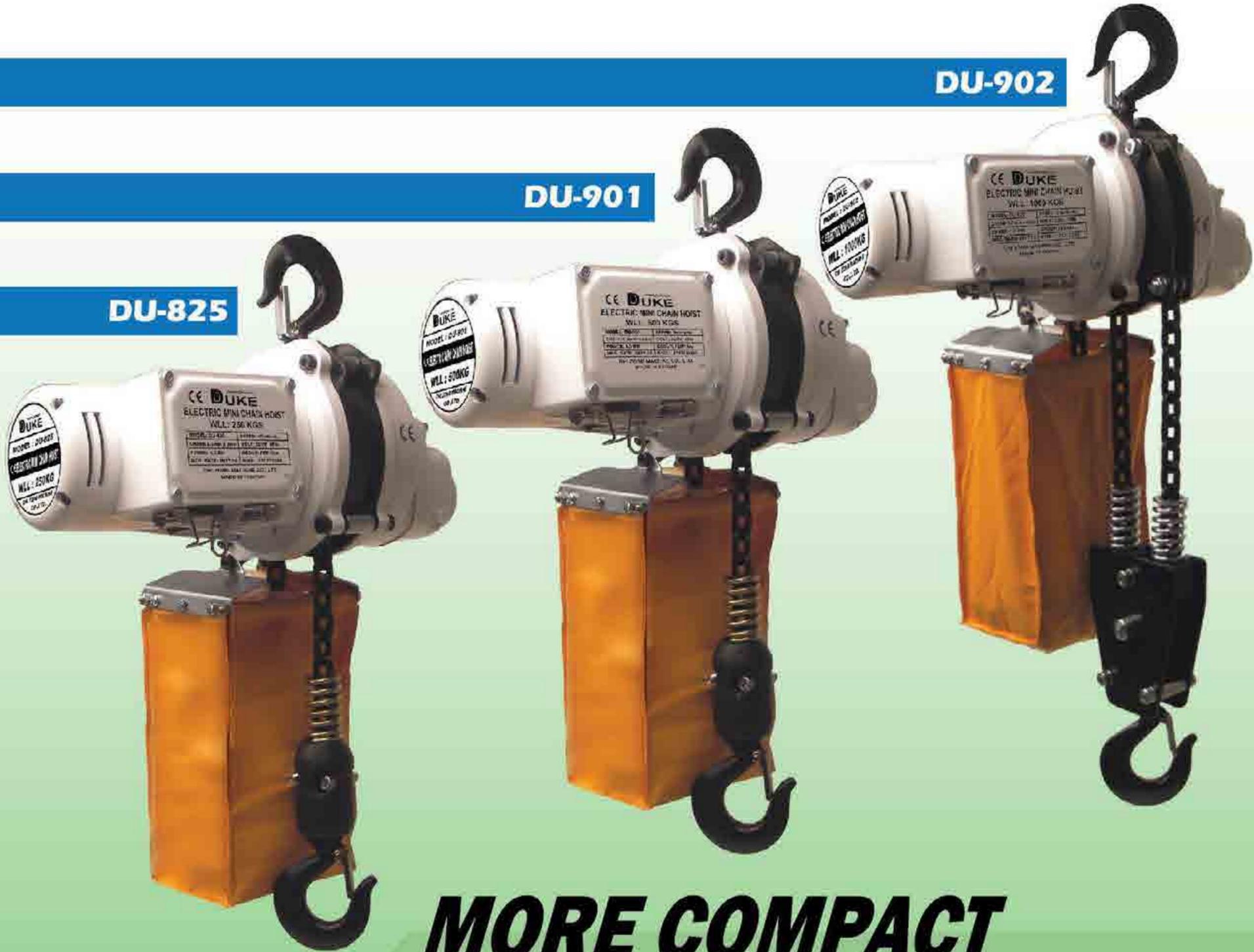


ELECTRIC MINI CHAIN HOIST

DU-902

DU-901

DU-825



***MORE COMPACT
MORE POWERFUL***

Specifications:

Model	Capacity (Kg)	Power (Voltage)		Phase	Lift (M)	Chain Falls	Speed (M/min)		Motor (Kw)	Chain (mm)	N.W. (Kgs)	G.W. (Kgs)
		110	220				50Hz	60Hz				
DU-825	250	110	220	1	3	1	10	12	1.3	6.3x19	19	23
DU-901	500	110	220	1	3	1	5	6	1.3	6.3x19	19	23
DU-902	1000	110	220	1	3	2	2.5	3	1.3	6.3x19	23	26

ELECTRIC MINI CHAIN HOIST

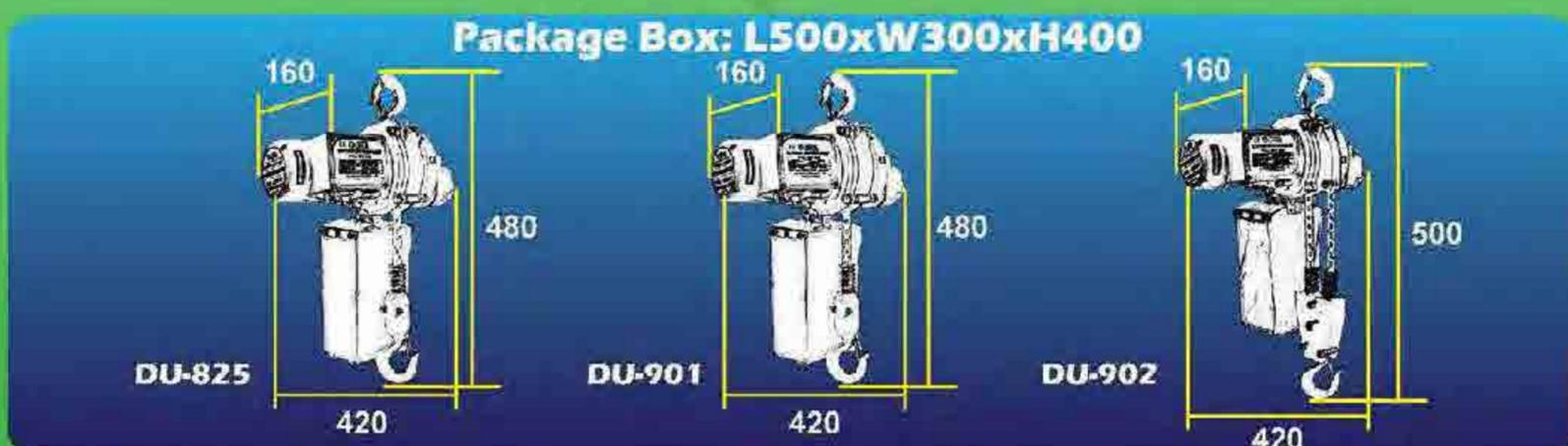
Applications :

Fit for various workplace applications, such as general factories, warehouse, construction, plumbing, and agriculture industries. Designed for unique rigging applications encountered at small venues, lightweight, quiet, and portable.

Features :

1. The motor system is applied with industrial series wound carbon brush motor, the enameled wires in the motor with heat resistance up to 180°C which is good at heavy duty works .
2. Twin brake system: unique mechanical ratchet gear brake and resistor brake. When power failure or breakdown occurs, brake system is immediately started up for safety purposes.
3. Based on direct control system, simplify wirings. Low breakdown rate, safe and stable, easy to main & maintain.
Equipped with miniature circular connector which is convenient and compact.
4. Chain is genuine imported from Japan FEC company which is manufactured by this reputed manufacturer in this field worldwide, chain is made of alloy steel material with 80 grade and with four times safety factor.
5. Equipped with most reliable, efficient, durable planetary reduction gear train. The planetary gear train contains a pair of idler gear made by alloy steel with heat treatment, provides both strength and smooth operation with good resistance to torque loads. Oil bath gear box to prevent overheat from brake device.
6. High strength steel plate to support the frame of hoist.
Applied with electric coating with good rust resistance, good for operation under badly environment when temperature is from minus 10 degree Celsius to plus 40 degrees Celsius.
7. Motor and gear housings are made of aluminum alloy formed by die-casting with high tenacity and machined by computerized CNC lathe; high precision in assembly, low noise during operation. High grade powder coating on hoist housings provides elegant looking. Ingress protection rating: IP54, and with waterproof cover as an option for outdoor usage.
8. Upper & lower hook unit is made of alloy steel material by die-casting formation, with high strength and four times safety factor. The lower hook is also with safety latch to ensure safety of lifting operations.
9. Mechanical overload clutch provides protection against overloading and over tight revolving.

Dimensions:



ELECTRIC MINI CHAIN HOIST

DU-904

DU-903



Specifications:

Model	Capacity (Kgs)	Power (Voltage)	Phase	Lift (M)	Chain Falls	Speed (M/min)		Motor (Kw)	Chain (mm)	N.W. (Kgs)	G.W. (Kgs)
						50Hz	60Hz				
DU-903	1000	220	1	3	1	4	5	2.0	7.1x20	26	29
DU-904	2000	220	1	3	2	2	2.5	2.0	7.1x20	31	34

ELECTRIC MINI CHAIN HOIST

Applications :

Fit for various workplace applications, such as general factories, warehouse, construction, plumbing, and agriculture industries. Designed for unique rigging applications encountered at small venues, lightweight, quiet, and portable.

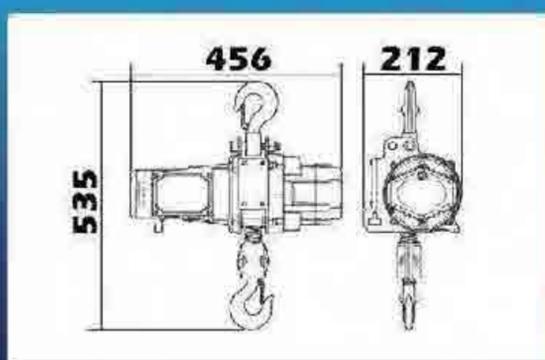
Features :

1. The motor system is applied with industrial series wound carbon brush motor, the enameled wires in the motor with heat resistance up to 180°C which is good at heavy duty works .
2. Trio brake system: unique twin mechanical ratchet gear brakes and resistor brake. When power failure or breakdown occurs, brake system is immediately started up for safety purposes.
3. Based on direct control system, simplify wirings. Low breakdown rate, safe and stable, easy to main & maintain.
Equipped with miniature circular connector which is convenient and compact.
4. Chain is genuine imported from Japan FEC company which is manufactured by this reputed manufacturer in this field worldwide, chain is made of alloy steel material with 80 grade and with four times safety factor.
5. Equipped with most reliable, efficient, durable planetary reduction gear train. The planetary gear train contains 4 idler gears made by alloy steel with heat treatment, provides both strength and smooth operation with good resistance to torque loads. Oil bath gear box to prevent overheat from brake device.
6. High strength steel plate to support the frame of hoist.
Applied with electric coating with good rust resistance, good for operation under badly environment when temperature is from minus 15 degree Celsius to plus 65 degrees Celsius.
7. Motor and gear housings are made of aluminum alloy formed by die-casting with high tenacity and machined by computerized CNC lathe; high precision in assembly, low noise during operation. High grade powder coating on hoist housings provides elegant looking. Ingress protection rating: IP54, and with waterproof cover as an option for outdoor usage.
8. Upper & lower hook unit is made of alloy steel material by die-casting formation, with high strength and four times safety factor. The lower hook is also with safety latch to ensure safety of lifting operations.
9. Mechanical overload clutch provides protection against overloading and over tight revolving.
10. Optional upper limiter, electric overload device, and low voltage control are available for request.

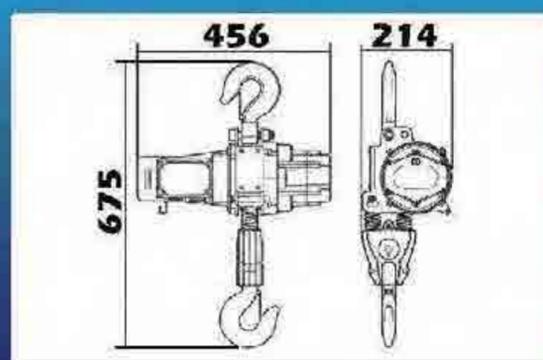
Dimensions:

Package Box: L521 x W355 x H398 (mm)

DU-903



DU-904



ELECTRIC MINI WIRE WINCH



DU-75A



DU-230A



DU-300A



DU-500A



DU-160B



DU-160A

HIGH EFFICIENCY

SAVE TIME

LESS EFFORT

ONE-HOLE

ELECTRIC MINI WIRE WINCH



DU-160TH



**DU-230TH
DU-260L**



**DU-300TH
DU-330L**



**DU-500TH
DU-500L**

**LIGHTWEIGHT
EASY TO CARRY**

TWO-HOLE

ELECTRIC MINI WIRE WINCH

Applications:

Duke Mini Winch is particularly designed for building sites, commercial and domestic, as well as various construction workplaces, such as warehousing, buildings, scaffoldings, storage areas, factories in general, as well as domestic applications.

Features:

1. **Compact and Lightweight Design:** Easy carry and installation.
2. **Upper and Lower Limiters:** To prevent from reverse and over roll of wire rope.
3. **Dual Brakes:** Dynamic and mechanical brakes provides instant and safe braking.
4. **Oil Bath Gear Box:** To prevent overheat from brake device.
5. **Swivel Lower Hook:** Made by forging formation and installed with a safety latch.
6. **Plug Connections:** 7mtr Pendant control and 5mtr power lead are with circular connector, easily attached and removed.
7. **Capacitor and Resistors:** To reduce contact sparkle and protect electric devices.
8. **Emergency Stop:** Installed in TH and L models pendant control as standard

Remark:



TH Models

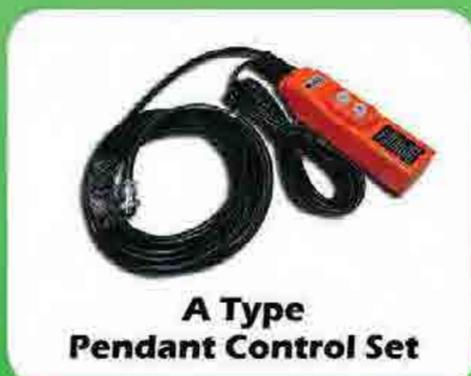
Direct Control System



L Models

Indirect Control System
(Electromagnetism)

Accessories:



A Type
Pendant Control Set



TH Type & L Type
Pendant Control Set



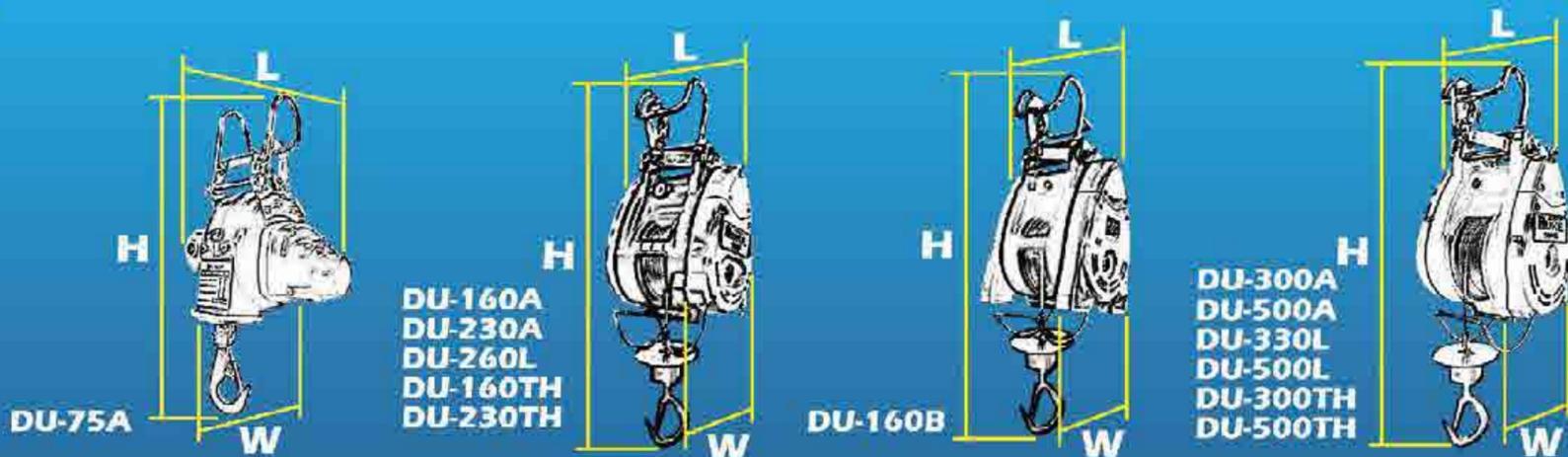
TH Type & L Type
Power Cable Set

ELECTRIC MINI WIRE WINCH

Specifications:

Model	Capacity (Kg)	Power (Voltage)		Phase	Wire Rope mm/M		Speed (M/min)		Motor (Kw)
		110	220		4/45	5/30	50Hz	60Hz	
DU-75A	75	110	220	1	4/30		27	32	0.3
DU-160A	160	110	220	1	4/45	5/30	19	23	1.3
DU-160B	160	110	220	1	4/45	5/30	19	23	1.3
DU-230A	230	110	220	1	4/45	5/30	19	23	1.3
DU-300A	300	110	220	1	5/60	6/40	12	15	1.3
DU-500A	500	110	220	1	6/40	7/30	11	11	2.0
DU-260L	260	110	220	1	4/45	5/30	19	23	1.3
DU-330L	330	110	220	1	5/60	6/40	12	15	1.3
DU-500L	500	110	220	1	6/40	7/30	11	11	2.0
DU-160TH	160	110	220	1	4/45	5/30	19	23	1.3
DU-230TH	230	110	220	1	4/45	5/30	19	23	1.3
DU-300TH	300	110	220	1	5/60	6/40	12	15	1.3
DU-500TH	500	110	220	1	6/40	7/30	11	11	2.0

Dimensions:



Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
DU-75A	280	180	470	400	300	260	1.1'	12	14
DU-160A	240	180	660	530	260	360	1.7'	22	23
DU-160B	240	210	470	530	260	360	1.7'	22	23
DU-230A	240	180	660	530	260	360	1.7'	22	23
DU-300A	240	210	670	530	260	360	1.7'	29	30
DU-500A	240	210	670	530	260	360	1.7'	29	30
DU-260L	240	180	660	530	260	360	1.7'	25	26
DU-330L	240	210	670	530	260	360	1.7'	30	31
DU-500L	240	210	670	530	260	360	1.7'	29	30
DU-160TH	240	180	660	530	260	360	1.7'	22	23
DU-230TH	240	180	660	530	260	360	1.7'	22	23
DU-300TH	240	210	670	530	260	360	1.7'	29	30
DU-500TH	240	210	670	530	260	360	1.7'	29	30

ELECTRIC WIRE WINCH

DU-212
DU-2K
DU-3K



DU-213
DU-213L
DU-214
DU-214L
DU-215
DU-215L



DU-202
DU-204
DU-221H
DU-205
DU-208



DU-223H
DU-210



Specifications:

Model	Capacity (Kg)	Power (Voltage)				Wire Rope mm/M	Speed (M/min)		Motor (Hp)
		1Phase	3Phase				50Hz	60Hz	
DU-202	200	220	220	380	440	6 / 30	15	18	0.5
DU-204	250	220	220	380	440	6 / 30	15	18	0.8
DU-221H	250	220	220	380	440	7 / 30	33	40	1.5
DU-205	300	220	220	380	440	7 / 30	15	18	1
DU-208	350	220	220	380	440	7 / 30	15	18	1.5
DU-223H	350	220	220	380	440	7 / 45	38	45	2
DU-210	500	220	220	380	440	8 / 45	21	25	2
DU-212	1000		220	380	440	10 / 45	12	15	3
DU-2K	2000		220	380	440	12 / 45	12	15	5
DU-213	2000		220	380	440	12 / 70	12	15	5
DU-213L	2000		220	380	440	12 / 200	12	15	5
DU-3K	3000		220	380	440	14 / 45	12	15	7.5
DU-214	3000		220	380	440	14 / 70	12	15	7.5
DU-214L	3000		220	380	440	14 / 150	12	15	7.5
DU-215	5000		220	380	440	16 / 70	12	15	10
DU-215L	5000		220	380	440	16 / 120	12	15	10

ELECTRIC WIRE WINCH

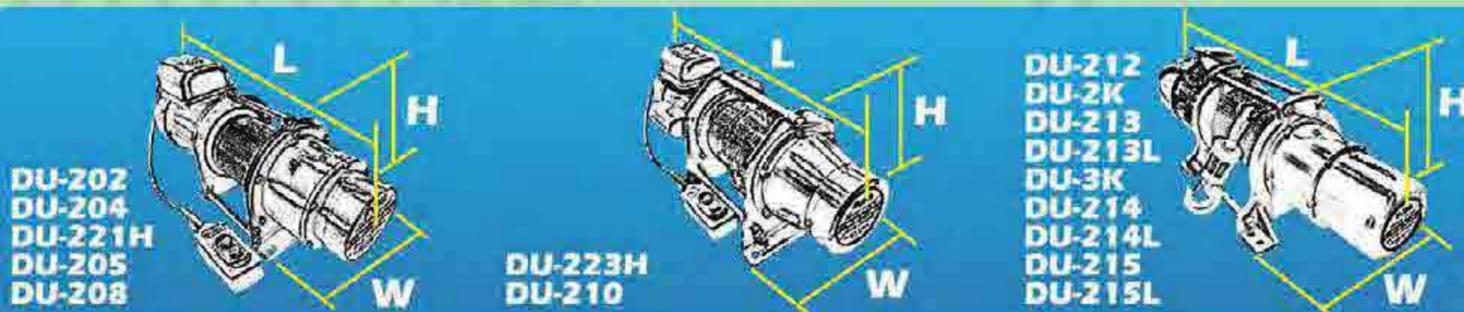
Applications:

Fit for various workplace applications, such as general factories, warehouse, construction, plumbing, and agriculture industries.

Features:

1. Traditional table winch, high durability for both lifting and pulling applications.
2. Induction motor provides high duty work and quiet running volume.
3. Heavy duty high efficiency ball bearing on all running surfaces.
4. Fabricated steel drum.
5. Planetary gearing design guarantees a powerful loadability and durable lifetime usage.
6. Enclosed drum flange to prevent rope from trapped between drum and support castings.
7. 200kg - 500kg winches are eligible to install with an upper hanger for overhung applications.
8. 2000kg - 5000kg winches are equipped with double-brake system to guarantee high safety factor.
9. 2000kg - 5000kg winches are equipped with electromagnetic control box with 10mtr pendant control cable.

Dimensions:



Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
DU-202	520	201	233	600	250	280	1.4'	32	33
DU-204	525	201	233	640	250	310	1.7'	34	36
DU-221H	585	201	233	640	250	310	1.7'	41	45
DU-205	580	201	233	640	250	310	1.7'	38	39
DU-208	585	201	233	640	250	310	1.7'	42	43
DU-223H	675	220	283	740	320	330	2.7'	66	71
DU-210	710	310	285	800	400	480	3.5'	76	81
DU-212	1120	385	340	1160	450	400	7.4'	152	175
DU-2K	1190	400	365	1230	450	550	10.8'	171	183
DU-213	1290	590	520	1350	610	690	20.1'	364	392
DU-213L	1415	590	520	1475	610	690	20.1'	436	464
DU-3K	1240	400	365	1290	450	550	11.3'	193	205
DU-214	1350	590	520	1380	610	690	20.6'	375	405
DU-214L	1475	590	520	1505	610	690	20.6'	442	472
DU-215	1450	590	520	1500	450	690	22.3'	395	426
DU-215L	1575	590	520	1820	690	850	22.3'	453	484

ELECTRIC CHAIN HOIST

DU-750

DU-905

DU-906



Accessories:



Pendant Control Set



Chain Bag

Specifications:

Model	Capacity (Kg)	Power (Voltage)			Phase	Lift (M)	Chain Falls	Speed (M/min)		Motor (Hp)	Chain (mm)	N.W. (Kgs)	G.W. (Kgs)
		220	380	440				50Hz	60Hz				
DU-750	750	220	380	440	3	3	1	6	7	1.5	7.1x20	45	55
DU-905	1000	220	380	440	3	3	1	6	7	2	7.1x20	45	55
DU-906	2000	220	380	440	3	3	2	3	3.5	2	7.1x20	55	66

ELECTRIC CHAIN HOIST

Application:

Duke electric chain hoist is particularly designed for various workplace applications, such as general factories, warehouse, construction, plumbing, and agriculture industries.

Features:

Motor System :

1. Applied with industrial grade high efficiency induction motor.
2. Enameled wires with heat resistance up to 180 degrees Celsius, which is specially designed for heavy duty works.

Brake System :

Applied with high friction coefficient electromagnetic disc brake and no adjustment required, which provides smooth and reliable operation.

Electric Control System :

Equipped with 24V low voltage control (electromagnetism) for safety purposes.

Safety System :

1. Upper and lower limiters are to secure hoist body and load object.
2. A reverse phase relay that protects the hoist from incorrect wiring.
3. Electric overload device provides protection against overloading by cutting off the power immediately once overloading occurs.

Load Chain:

Directly supplied from reputable FEC Japan, which is made of alloy steel material in grade 80 and four times safety factor.

Gear System :

Planetary gearing design guarantees a powerful loadability and durable usage.

Upper Lower Hook Unit:

1. Made of alloy steel material by hot forging formation in four times safety factor.
2. A ball bearing is applied in the lower hook against 360 degree rotation.

Dimensions:



Model	L (mm)	W (mm)	H (mm)	Package			Cu.Ft
				L(mm)	W(mm)	H(mm)	
DU-750	430	290	600	520	460	530	4.4'
DU-905	430	290	600	520	460	530	4.4'
DU-906	430	290	600	520	460	530	4.4'

ELECTRIC INVERSION CHAIN HOIST



CH-2000



CH-1000

Accessories:

(Optional)



Flight Case

(Optional)



4 Channels Synchronous Controller

(Optional)



One On One Pendant Control Set

Specifications:

Model	Capacity (Kg)	Power (Voltage)			Phase	Lift (M)	Chain Falls	Speed (M/min)		Motor (Hp)	Chain (mm)
		220	380	440				50Hz	60Hz		
CH-1000	1000	220	380	440	3	Excluded	1	5	6	2	7.1x20
CH-2000	2000	220	380	440	3	Excluded	2	3	3.5	2	7.1x20

ELECTRIC INVERSION CHAIN HOIST

Application:

Duke inversion chain hoists are specially designed for stage and concert applications (motor down), such as stage stereo, lighting, show banner, campaign activities, truss rigging; while regular rigging applications (motor up) are also suitable.

Features:

Motor System :

1. Applied with industrial grade high efficiency induction motor.
2. Enameled wires with heat resistance up to 180 degrees Celsius, which is specially designed for heavy duty works.

Brake System :

Applied with high friction coefficient electromagnetic disc brake and no adjustment required, which provides smooth and reliable operation.

Safety System:

1. Clutch device to secure overload usage.
2. A reverse phase relay that protects the hoist from incorrect wiring.
3. Mechanical overload clutch provides protection against overloading and over tight revolving.

Connector:

Equipped with European detachable coupler which is convenient and compact.

Load Chain:

Directly supplied from reputable FEC Japan, which is made of alloy steel material in grade 80 and four times safety factor.

Gear System :

Transmission gearing design guarantees a powerful loadability and durable usage.

Upper Lower Hook Unit:

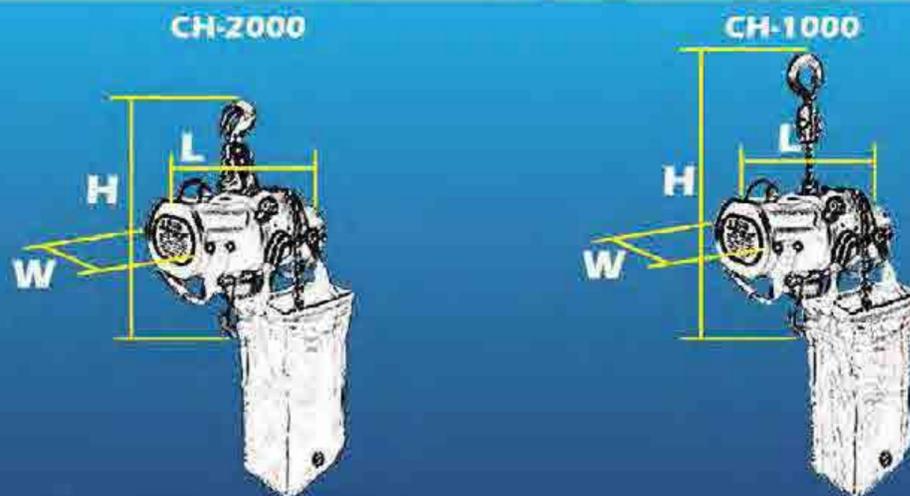
1. Made of alloy steel material by hot forging formation in four times safety factor.
2. A ball bearing is applied in the upper hook against 360 degree rotation.

Flight Case:

It is available for optional aluminum case to load hoist unit for travel purpose, such package option is professional, protection hoist and convenient for transportation.

Multi-Channel Controller:

2-Channel pendant controller and 4-Channel synchronous controller are available upon request.



Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
CH-1000	430	290	600	530	420	470	3.7	45	48
CH-2000	430	290	600	530	420	470	3.7	53	56

ELECTRIC MINI INVERSION CHAIN HOIST



Accessories:



Specifications:

Model	Capacity (Kg)	Power (Voltage)		Phase	Lift (M)	Chain Falls	Speed (M/min)		Motor (Kw)	Chain (mm)
		110	220				50Hz	60Hz		
DH-500	500	110	220	1	Excluded	1	5	6	1.3	6.3x19
DH-1000	1000	110	220	1	Excluded	2	2.5	3	1.3	6.3x19

ELECTRIC MINI INVERSION CHAIN HOIST

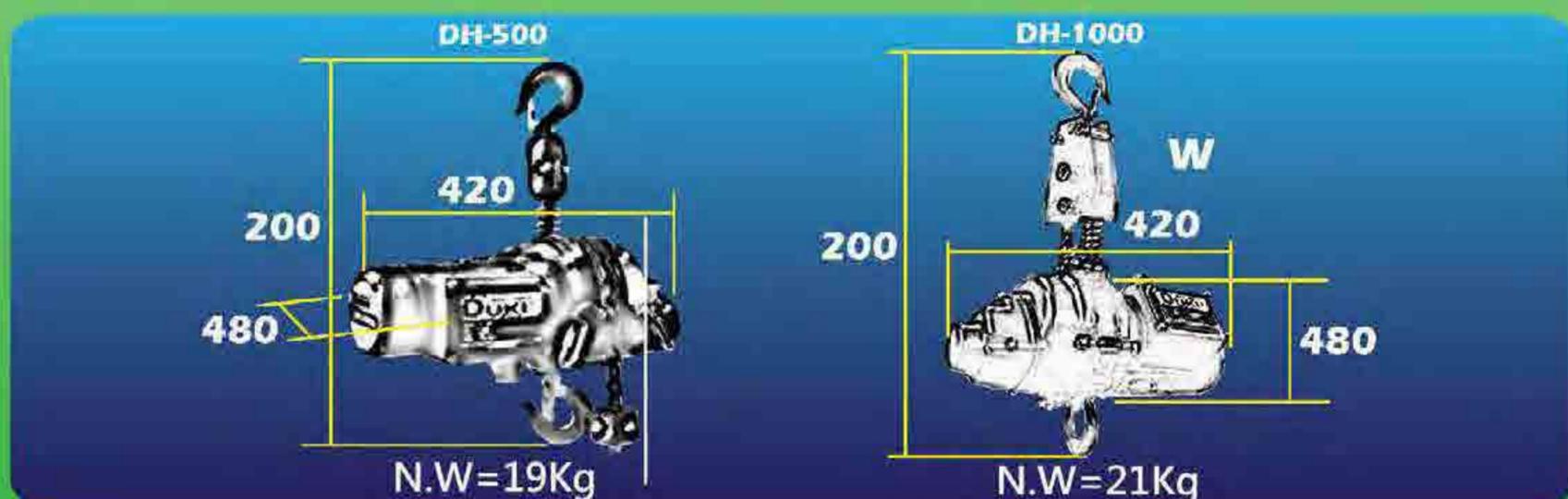
Application:

Duke inversion chain hoists are specially designed for stage and concert applications (motor down), such as stage stereo, lighting, show banner, campaign activities, truss rigging; while regular rigging applications (motor up) are also suitable.

Features:

1. The motor system is applied with industrial series wound carbon brush motor, the enameled wires in the motor with heat resistance up to 180°C which is good at heavy duty works .
2. Twin brake system: unique mechanical ratchet gear brake and resistor brake. When power failure or breakdown occurs, brake system is immediately started up for safety purposes.
3. Based on direct control system, simplify wirings. Low breakdown rate, safe and stable, easy to main & maintain. Equipped with European detachable coupler which is convenient and compact.
4. Mechanical overload clutch provides protection against overloading and over tight revolving.
5. Chain is genuine imported from Japan FEC company which is manufactured by this reputed manufacturer in this field worldwide, chain is made of alloy steel material with 80 grade and with four times safety factor.
6. Equipped with most reliable, efficient, durable planetary reduction gear train. The planetary gear train contains a pair of idler gear made by alloy steel with heat treatment, provides both strength and smooth operation with good resistance to torque loads. Oil bath gear box to prevent overheat from brake device.
7. High strength steel plate to support the frame of hoist. Applied with electric coating with good rust resistance, good for operation under badly environment when temperature is from minus 10 degree Celsius to plus 40 degrees Celsius.
8. Motor and gear housings are made of aluminum alloy formed by die-casting with high tenacity and machined by computerized CNC lathe; high precision in assembly, low noise during operation. High grade powder coating on hoist housings provides elegant looking. Ingress protection rating: IP54, and with waterproof cover as an option for outdoor usage.
9. Upper & lower hook unit is made of alloy steel material by die-casting formation, with high strength and four times safety factor. The lower hook is also with safety latch to ensure safety of lifting operations.
10. It is available for optional aluminum case to load hoist unit for travel purpose, such package option is professional, protection hoist and convenient for transportation.

Dimensions:



COMPACT ELECTRIC WIRE WINCH

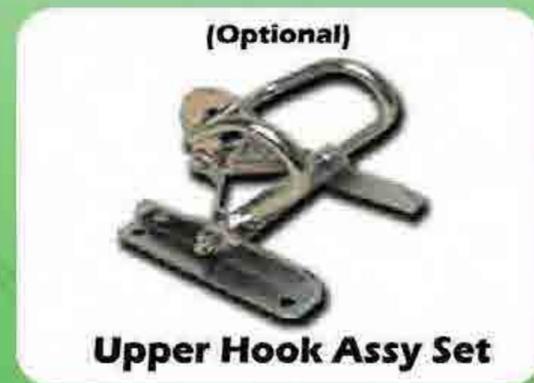


**DU-300S
DU-500S**

HIGH PERFORMANCE



Accessories:



Specifications:

Model	Capacity (Kg)	Power (Voltage)		Phase	Wire Rope (mm x M)	Speed (M/min)	Motor (Kw)
DU-300S	300	110	220	1	6x30	14	1.3
DU-500S	500	110	220	1	6x30	7	1.3

COMPACT ELECTRIC WIRE WINCH

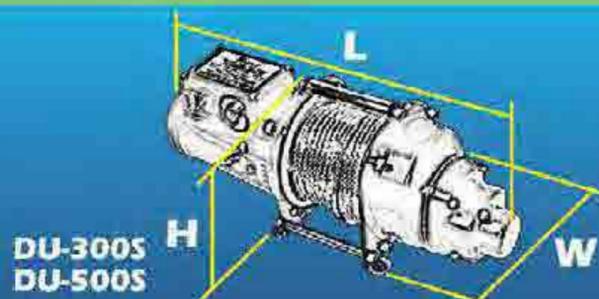
Applications :

Fit for various workplace applications, such as general factories, warehouse, construction, plumbing, and agriculture industries. Designed for unique rigging applications encountered at small venues, lightweight, quiet, and portable. Reliable for vertical lifting and horizontal pulling applications.

Features :

1. The motor system is applied with industrial series wound carbon brush motor, the enameled wires in the motor with heat resistance up to 180°C which is good at heavy duty works .
2. Twin brake system: unique mechanical ratchet gear brake and resistor brake. When power failure or breakdown occurs, brake system is immediately started up for safety purposes.
3. Based on direct control system, simplify wirings. Low breakdown rate, safe and stable, easy to main & maintain.
Equipped with miniature circular connector which is convenient and compact.
4. Equipped with most reliable, efficient, durable planetary reduction gear train. The planetary gear train contains a pair of idler gear made by alloy steel with heat treatment, provides both strength and smooth operation with good resistance to torque loads. Oil bath gear box to prevent overheat from brake device.
5. Mechanical overload clutch provides protection against overloading and over tight revolving.
6. High strength steel plate to support the frame of hoist.
Applied with electric coating with good rust resistance, good for operation under badly environment when temperature is from minus 10 degree Celsius to plus 40 degrees Celsius.
7. Motor and gear housings are made of aluminum alloy formed by die-casting with high tenacity and machined by computerized CNC lathe; high precision in assembly, low noise during operation. High grade powder coating on hoist housings provides elegant looking. Ingress protection rating: IP54, and with waterproof cover as an option for outdoor usage.
8. Hook unit is made of alloy steel material by die-casting formation, with high strength and four times safety factor. The lower hook is also with safety latch to ensure safety of lifting operations.

Dimensions:



Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
DU-300S	490	170	180	600	290	390	2.3'	19	21
DU-500S	490	170	180	600	290	390	2.3'	19	21

BATTERY CHAIN HOIST



LI-ION BATTERY



NiMH BATTERY

BATTERY CHAIN HOIST

Applications :

Suitable for the areas without power supply, such as forest, farm, wilderness, under-construction buildings, plumbing, etc.

Also good for safety and rescuing applications, extremely efficient.

Features:

Trigger Switch Set: Power-Tool-Wise controller

Battery: DC 18V in Li-Ion & NiMH types (2 battery packs in box)

Battery Performance: 20 min. for Li-Ion battery; 15 min. for NiMH battery

Battery Charger: AC 100V-240V. Conform to main safety standards.

Charging Time: 70 min. for Li-Ion battery; 120 min. for NiMH battery

Load Chain: FEC Grade 80

Lifting Height: 3mtr as standard

Quick Connector: Easy plug in & out for hoist and trigger switch.

Control Cable Length: 2mtr as standard

Portable Case: Securely stores the hoist and accessories in fine appearance, and easy carry.

Battery Condition Indicator: Displays the amount of power remaining in the battery

Stepless Speed Switch: For precision and control during a variety of applications

LED Load Display: Green - Low Loading. Yellow - Medium Loading. Red - Heavy Loading.

Overloading Warning Alarm: Buzzer sounds when overload occurs.

Overload Clutch: Protection against overloading and over tight revolving

Emergency Stop: Optional upon request

Upper Limit Sensor: Optional upon request

Accessories:



Portable Case



Chain Bag



Li-Ion Battery Control System



NiMH Battery Control System

Specifications and Dimensions:



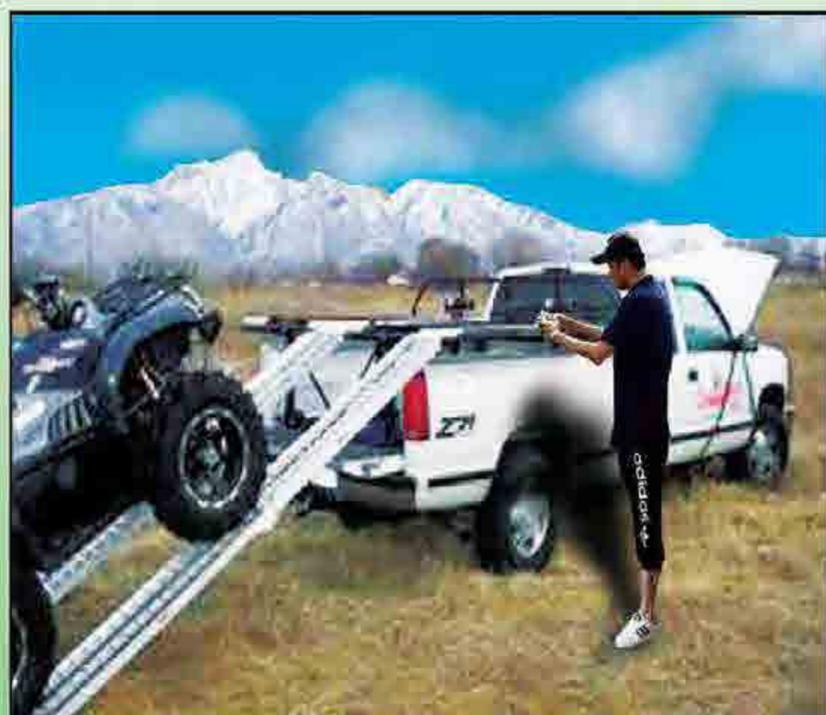
Model	Capacity (Kgs)	Power (Voltage)	Chain (mm)	Lift (M)	Speed (M/min)	L (mm)	W (mm)	H (mm)	Package Box LxWxH(mm)	N.W (Kgs)	G.W (Kgs)
DCH-250	250	DC18V	4x12	3	4.5	257	173	388	630x280x450	8	16
DCH-500	500	DC18V	4x12	3	2.2	257	173	456	630x280x450	9	17

BATTERY WIRE WINCH

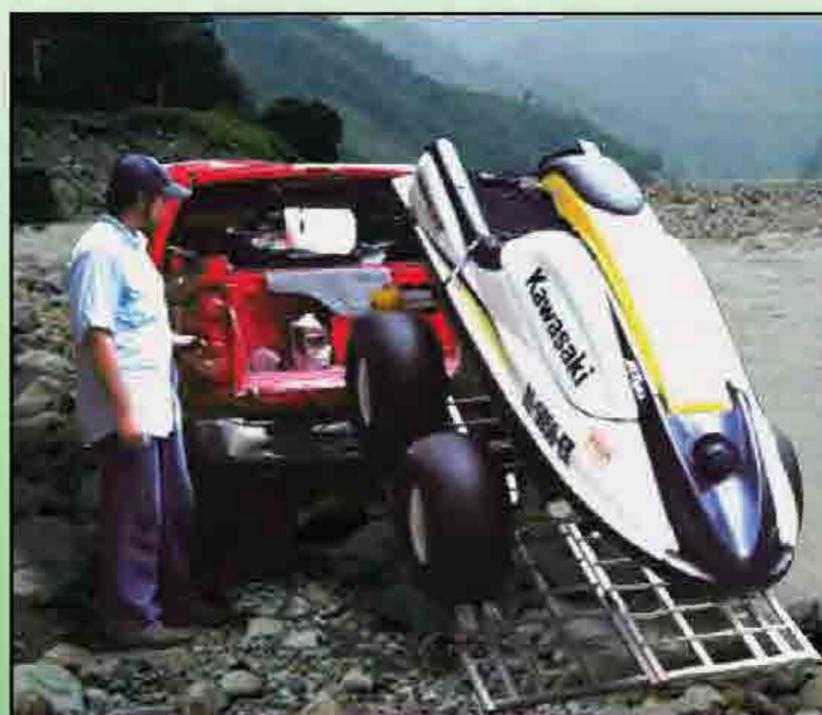


DCW-250

NiMH BATTERY



EASY-PULL



EASY-CONTROL



DCW-250



LI-ION BATTERY

BATTERY WIRE WINCH

Applications :

Suitable for the areas without power supply, such as forest, farm, wilderness, under-construction buildings, plumbing, etc.
Also good for safety and rescuing applications, extremely efficient.

Features:

Trigger Switch Set: Power-Tool-Wise controller

Battery: DC 18V in Li-Ion & NiMH types (2 battery packs in box)

Battery Performance: 20 min. for Li-Ion battery; 15 min. for NiMH battery

Battery Charger: AC 100V-240V. Conform to main safety standards.

Charging Time: 70 min. for Li-Ion battery; 120 min. for NiMH battery

Quick Connector: Easy plug in & out for winch and trigger switch.

Control Cable Length: 2mtr as standard

Portable Case: securely stores the winch and accessories in fine appearance, and easy carry.

Battery Condition Indicator: Displays the amount of power remaining in the battery

Stepless Speed Switch: For precision and control during a variety of applications

LED Load Display: Green - Low Loading. Yellow - Medium Loading. Red - Heavy Loading.

Reverse Switch: Left: forward rotation of drum; Right: rearward rotation of drum

Overloading Warning Alarm: Buzzer sounds when overload occurs.

Emergency Stop: Optional upon request

Accessories:



Portable Case



Bracket

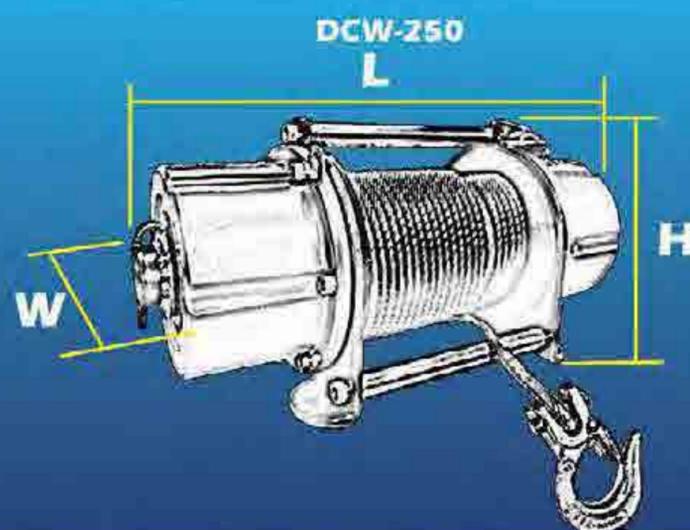


Li-Ion Battery Control System



NiMH Battery Control System

Specifications and Dimensions:



Model	Pulling Capacity (Kgs)	Power (Voltage)	Wire Rope (mm x M)	Speed (M/min)	L (mm)	W (mm)	H (mm)	Package Box LxWxH(mm)	N.W (Kgs)	G.W (Kgs)
DCW-250	350	DC18V	5x15	4	288	122	144	690x160x430	8	16

COMPACT ELECTRIC CHAIN HOIST

ACH-500

ACH-250



Accessories:



COMPACT ELECTRIC CHAIN HOIST

Applications :

Fit for various construction workplaces, civil engineering, general factories, plumbing, coating scaffolding, warehousing, buildings, domestics, farming industries, stores and even more.

Features:

Lightweight, compact, easy carry, operation friendly, and fine appearance.

Upper Hook: Made from alloy steel material by die-casting formation. High strength and reliable safety.

Wide opening with latch.

Motor: High-speed brush motor (series wound), small size and high efficiency.

Quick Connector: Industrial 3-Pin power connector.

Quick plug in & out for pendant controller. Easy connection and storage for control switch.

Load Chain: DT level load chain (4.0mm, grade 80) standard, manufactured by Japan FEC provides a higher resistance against fatigue, wear and rust.

Brake / Clutch: Friction Clutch can make the motor idle running to avoid damage under overload and over tight revolving.

Housing: The compact aluminum die-casting body with exceptional rigidity.

Applied with automobile grade powder coating. High dust-protection and water protection (IP-54).

Quick Connector Lid: Well protection of connector parts against ingress.

Gears: With high efficiency driving system plus 3-stage planetary speed reducing gear and 2-stage spur speed reducing gear.

Chain Container: One-piece HDPE chain container provides higher resistance, tensile, and durability.

Lower Hook (For ACH-500): Aluminum alloy pulley case. Hook made from alloy steel material by die-casting formation. High strength and reliable safety. Inside is applied with ball bearing to against 360 degree rotation.

Lower Hook (For ACH-250): Hook made from alloy steel material by die-casting formation. High strength and reliable safety. Inside is applied with ball bearing to against 360 degree rotation.

Electric Control System: Electromagnetism control.

Specifications and Dimensions:



Model	Capacity (Kgs)	Power (Voltage)	Chain (mm)	Lift (M)	Speed (M/min)	L (mm)	W (mm)	H (mm)	Package Box LxWxH(mm)	N.W (Kgs)	G.W (Kgs)
ACH-250	250	110/220	4x12	3	4	335	173	388	375x365x265	8	14
ACH-500	500	110/220	4x12	3	2	335	173	456	375x365x265	9	15

ELECTRIC TROLLEY

DU-102C



Hook Type



Flat Type



Model: DU102C(Hook Type)

Fit Models:

**DU-825,DU-901,DU-902,
 DU-750,DU-905,DU-906**

Max: 2000Kgs

Power: 220V,380V,440V

Phase: 1or3

Trolley Speed:

50Hz-18M/min

60Hz-22M/min

Trolley Motor: 0.5HP

Dimensions: 470mm×295mm×241mm

Packing: 570mm×400mm×340mm

Net Weight: 39KG

Gross Weight: 40KG

Model: DU102C(Flat Type)

Fit Models:

**DU-202,DU-204,DU-205,
 DU-208,DU-210**

Max: 500Kgs

Power: 220V,380V,440V

Phase: 1or3

Trolley Speed:

50Hz-18M/min

60Hz-22M/min

Trolley Motor: 0.5HP

Dimensions: 470mm×295mm×200mm

Packing: 570mm×330mm×370mm

Net Weight: 39KG

Gross Weight: 40KG

MEMO

MEMO

MEMO



Electric Mini Wire Winch



Electric Mini Chain Hoist



Electric Chain Hoist



Electric Wire Winch



Compact Electric Wire Winch



Electric Inversion Chain Hoist



Battery Wire Winch



Battery Chain Hoist



Electric Trolley



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