



# Hoist and Winch



**Electric Mini Wire Winch**



**ATV Winch**



**Electric Wire Winch**



**DC OFF-ROAD Winch**

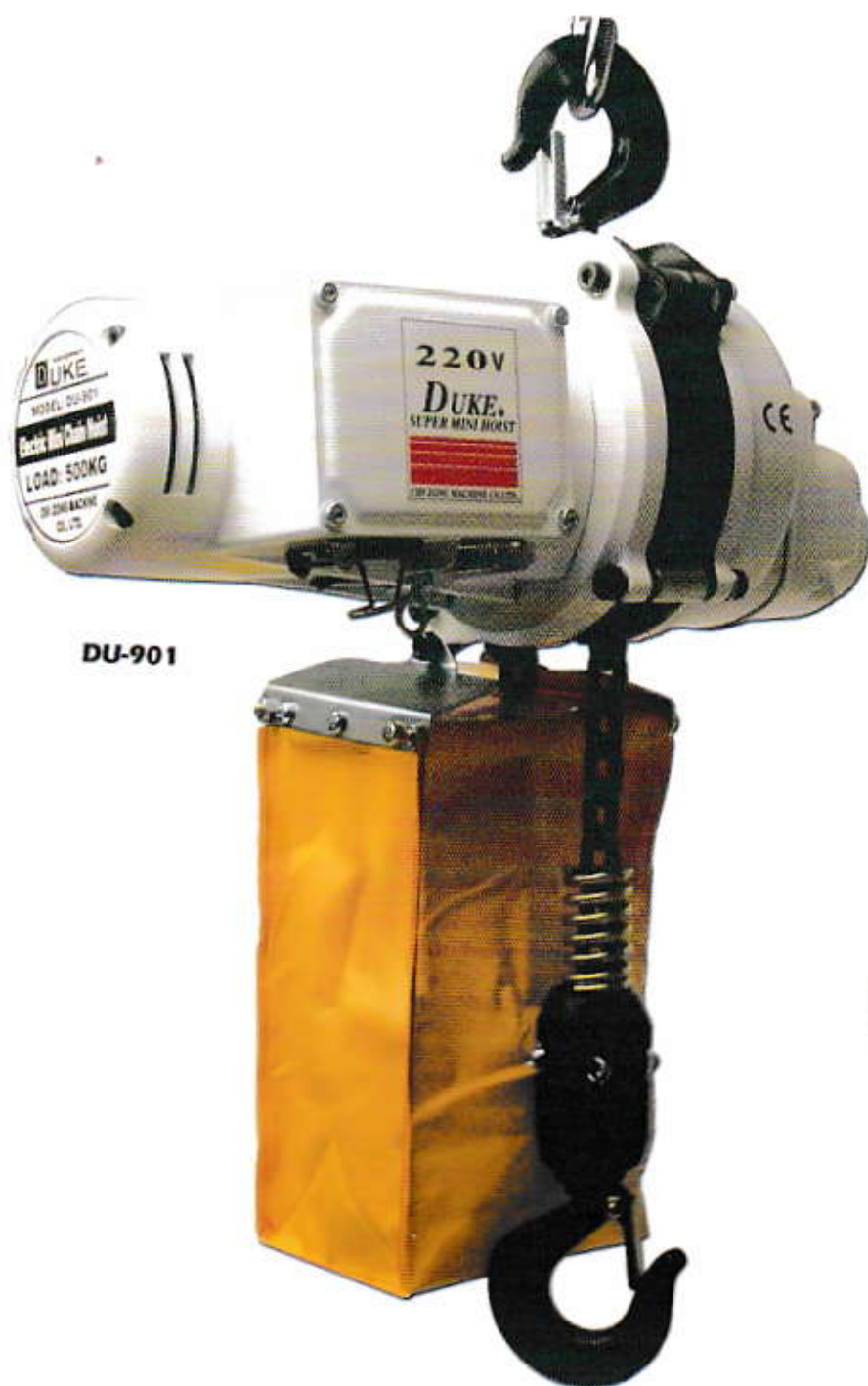


**Electric Mini Chain Hoist**



## ELECTRIC MINI CHAIN HOIST

# Super Mini



DU-901



DU-825



DU-901



DU-902

Model	Capacity (Kg)	Power (Voltage)		Phase	Lift (Meter)	Chain Falls	Speed (M/min)		Motor (Kw)	Load Chain (mm)
							50Hz	60Hz		
DU-825	250	100-120	200-240	1	3	1	10	12	1.3	6.3
DU-901	500	100-120	200-240	1	3	1	5	6	1.3	6.3
DU-902	1000	100-120	200-240	1	3	2	2.5	3	1.3	6.3



## MINI HOIST USAGE, FEATURES, SPECIFICATION

### Usage:

Fit For Various Construction Workplaces, Civil Engineering, General Factories, Plumbing, Coating Scaffolding, Warehousing, Buildings, Domestics, Farming And Fishing Industries, Stores And Even More.

### Features:

**Dual safety brake device. prevention of over-roll device.**  
**weight-limited device. Lightweight & perfect performance. multi-functional & multi-purpose.** The load-structuring frame is cast in one piece from aluminum alloy by gravity die-casting or nodular cast iron to ensure structural integrity. Lightweight modular design has fewer parts and is easy to install and maintain. Frame and control enclosure are weather protected against ingress of dust and water.  
**Baked finish gives the frame superior resistance to harmful environments.**  
**Dual safety brake device. prevention of over-roll device. weight-limited device.**  
**Lightweight & perfect performance. multi-functional & multi-purpose.**

### Accessories:



Chain Bag

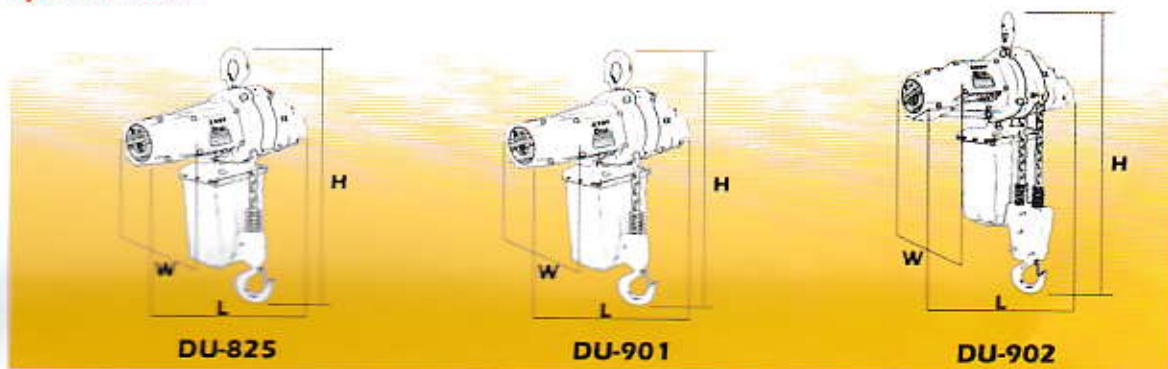


Push Button Switch Set



Power Cable

### Specification:



Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W. (Kgs)	G.W. (Kgs)
				L (mm)	W (mm)	H (mm)			
DU-825	420	160	480	500	300	400	2.1'	16	20
DU-901	420	160	480	500	300	400	2.1'	19	23
DU-902	420	160	500	500	300	400	2.1'	23	27



## ELECTRIC MINI WIRE WINCH

### (ONE-HOLE)

COMBINED CONTROLLER  
AND POWER CABLE A'SSY

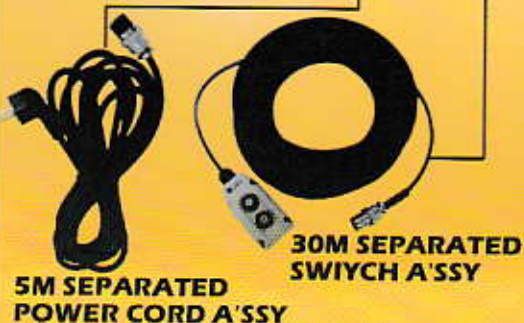


7M PUSH BUTTON SWITCH SET

**MODEL:**  
DU-160A / DU-180A  
DU-230A / DU-250A  
DU-300A / DU-500A

### (LONG DISTANCE CONTROL) (TWO-HOLE)

INDEPENDENT CONTROLLER  
AND POWER CABLE



5M SEPARATED  
POWER CORD A'SSY

30M SEPARATED  
SWITCH A'SSY



MAGNETIC CONTACTOR A'SSY

**MODEL:** DU-260L / DU-330L  
DU-500L

### (TWO-HOLE)

INDEPENDENT CONTROLLER  
AND POWER CABLE



7M PUSH BUTTON  
SWITCH A'SSY

5M SEPARATED  
POWER CORD A'SSY

**MODEL:**  
DU-160 TH / DU-230 TH  
DU-250 TH / DU-300 TH  
DU-500 TH



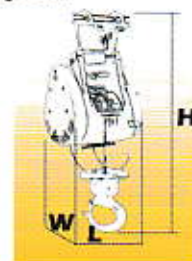
## MINI WINCH USAGE, FEATURES, SPECIFICATION

### Usage:

Fit For Various Construction Workplaces, Civil Engineering, General Factories, Plumbing, Coating Scaffolding, Warehousing, Buildings, Domestics, Farming And Fishing Industries, Stores And Even More.

### Features:

- Mini winch is compact and lightweight design allow mounting convenience.
- When rope touches the over-winding limit lever, hoisting is automatically stopped.
- An over reverse-winding limit lever stops the motor when the rope is reverse winding.
- Double safety brake devices, dynamic & electromagnet brake perform instant & safety brake. It operates on household power source.
- 360° universal joint saddle hook with safety latch.
- Plug-in cords allow portability with ease.



Model	Capacity (kg)	Power (VOLTAGE)		Phase	Wire Rope mm/M		Speed (M/min)		Motor (Kw)
							50HZ	60HZ	
DU-75A	75	100-120	220-240	1	4/30		27	32	0.3
DU-160A	160	100-120	220-240	1	5/30	4/45	19	23	1.3
DU-160B	160	100-120	220-240	1	5/30	4/45	19	23	1.3
DU-180A	180	100-120	220-240	1	5/30	4/45	19	23	1.3
DU-230A	230	100-120	220-240	1	5/30	4/45	19	23	1.3
DU-250A	250	100-120	220-240	1	5/60	6/40	12	15	1.3
DU-300A	300	100-120	220-240	1	5/60	6/40	12	15	1.3
DU-500A	500	100-120	220-240	1	7/30	6/40	11	14	1.8
DU-260L	260	100-120	220-240	1	5/30		19	23	1.3
DU-330L	330	100-120	220-240	1	5/60		12	15	1.3
DU-500L	500	100-120	220-240	1	7/30		11	14	1.8
DU-160TH	160	100-120	220-240	1	5/30		19	23	1.3
DU-230TH	230	100-120	220-240	1	5/30		19	23	1.3
DU-250TH	250	100-120	220-240	1	5/60		12	15	1.3
DU-300TH	300	100-120	220-240	1	5/60		12	15	1.3
DU-500TH	500	100-120	220-240	1	7/30	6/40	11	14	1.8

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	250	1'	11.5	14.3
DU-160A	240	180	660	500	250	330	1.45'	21.5	23
DU-160B	240	210	470	500	250	330	1.45'	21.5	23
DU-180A	240	180	660	500	250	330	1.45'	21.5	23
DU-230A	240	180	660	500	250	330	1.45'	21.5	23
DU-250A	240	210	670	500	250	330	1.45'	29	30
DU-300A	240	210	670	500	250	330	1.45'	29	30
DU-500A	240	210	670	500	250	330	1.45'	29	30
DU-260L	240	180	660	500	250	330	1.45'	21	26
DU-330L	240	210	670	500	250	330	1.45'	29	31
DU-500L	240	210	670	500	250	330	1.45'	29	32
DU-160TH	240	180	660	500	250	330	1.45'	22	23
DU-230TH	240	180	660	500	250	330	1.45'	22	23
DU-250TH	240	210	670	500	250	330	1.45'	29.5	30.5
DU-300TH	240	210	670	500	250	330	1.45'	29.5	30.5
DU-500TH	240	210	670	500	250	330	1.45'	29.5	30.5

Mini & Light



## ELECTRIC WIRE WINCH



# High Performance

Model	Capacity (Kg)	Power (Voltage)			Phase		Wire Rope (mm)	Wire Rope Lift (Meter)	Speed (M/min)		Motor (HP)
									50Hz	60Hz	
DU-201	150	220			1		5	25	15	18	0.5
DU-202	200	220	220	380	1	3	6	30	15	18	0.5
DU-204	250	220	220	380	1	3	6	30	15	18	0.8
DU-221H	250	220	220	380	1	3	7	30	33	40	1.5
DU-205	300	220	220	380	1	3	7	30	15	18	1
DU-208	350	220	220	380	1	3	7	30	15	18	1.5
DU-223H	350	220	220	380	1	3	7	45	38	45	2
DU-210	500	220	220	380	1	3	8	45	21	25	2
DU-212	1000	220	380	440	3		10	45	12	15	3
DU-2K	2000	220	380	440	3		12	45	12	15	5
DU-213	2000	220	380	440	3		12	70	12	15	5
DU-3K	3000	220	380	440	3		14	45	12	15	7.5
DU-214	3000	220	380	440	3		14	70	12	15	7.5
DU-215	5000	220	380	440	3		16	70	12	15	10



## WINCH USAGE, FEATURES, SPECIFICATION

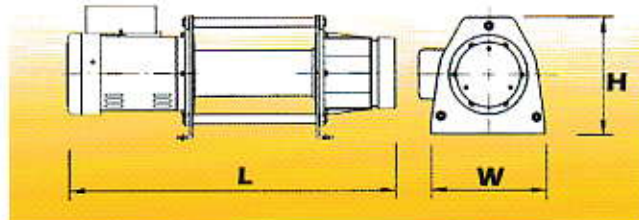
### Usage:

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

### Features:

Driving gear the heat treated gear with bearings features durable performance and anti-wear. Planetary and anti-wear gears. Compact and load sharing minimizes size, weight and cost. Full depth spur gear planetary reductions ensure quiet and long life. Gear box provides strength, durability and non-worry of breakage of structure. Ball bearings High efficient and heavy duty berings provide long life. Brake Designed for both static and dynamic loading. Brake will automatically apply in the event of power loss. Large friction surface area. No adjustments or serving requirement. Induction motor IEC induction motor mounted provides reality available, cost effective and service spares availability world wide.

### Specification:



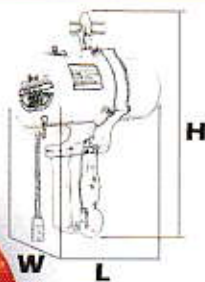
Model	L (mm)	W (mm)	H (mm)	Package Box			Cu.Ft	N.W. (Kgs)	G.W. (Kgs)
				L (mm)	W (mm)	H (mm)			
DU-201	380	190	230	430	250	290	1.1'	27	28
DU-202	520	201	233	640	250	290	1.6'	34	36
DU-204	525	201	233	640	250	310	1.7'	35	37
DU-221H	585	201	233	640	250	310	1.7'	41	45
DU-205	580	201	233	640	250	310	1.7'	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	780	360	350	3.5'	70	76
DU-212	1120	385	340	1160	450	400	7.4'	133	145
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-3K	1240	400	365	1290	450	550	11.3'	205	193
DU-214	1350	590	520	1380	610	690	20.6'	375	405
DU-215	1450	590	520	1500	610	690	22.3'	395	426



## ELECTRIC CHAIN HOIST



DU-906



DU-750  
DU-905



Push Button  
Switch Set

Chain Bag

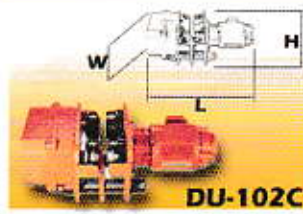
**Accessories:**



Push Button  
Switch Set

Chain Bag

**High Performance**



DU-102C



Model	Max (Kg)	Power (Voltage)			Phase	Trolley Speed (M/min)		Trolley Motor (HP)
						50Hz	60Hz	
DU-102C	2000	220	380	440	3	18	22	0.5

Model	Capacity (Kg)	Power (Voltage)			Phase	Lift (Meter)	Chain (Falls)	Speed (M/min)		Motor (HP)	Load Chain (mm)
								50Hz	60Hz		
DU-750	750	220	380	440	3	3	1	5	6	2	7.1
DU-905	1000	220	380	440	3	3	1	5	6	2	7.1
DU-906	2000	220	380	440	3	3	2	2.5	3	2	7.1



# HOIST USAGE, FEATURES, SPECIFICATION

## Usage:

It suitable for engineering hoisting, factory lifting operation, civil engineering water electrical wiring & piping installation, warehouse shipping purpose, etc. the application is very wide. It is also good for lifting, hoisting, puling, etc. operation suitably, to save labor, save time, with high efficiency.

## Features:

### Motor System:

1. Applied with industrial grade high efficiency mice cage type induction motor. 2. With multi-output wires type, with 3 types of voltages options available. 3. Enameled wires with heat resistance up to 180 degrees Celsius, it is specially designed for long time hoisting purpose.

### Brake System:

1. With unique designed brake systems for motor section and gear section. 2. Applied with high friction coefficient disk type brake lining, completely no adjustment required. 3. When it is power failure or broken is happened, promptly to start brake stop, safety is guaranteed, Operating life is more than 1 million times brake.

### Electric Control System:

1. With 24V low voltage control, there is no electric shock worry during it is rainy, safe & stable. 2. Electric wiring cabinet with big current cartridge type PCB and Japanese type relay, with high quality, fast to change, operating life is more than 1 million times contact.

### Safety System:

1. When chain is operating to upper limit and lower limit will be disconnected power automatically. 2. Inside with protect device for phase shortage, phase reverse, it will be stopped automatically when three phases power is short of phase and can not use, to prevent motor burning from phase shortage. 3. If three phases power is phase reverse, it still automatic to stop, can not use, safety is guaranteed.

### Chain Specification:

1. With genuine chain imported from Japan FEC company which is manufactured by this reputed manufacturer in this filed worldwide. 2. Made from alloy steel material with 80 grade and with 3 times safety coefficient.

### Gear System:

1. With planetary speed reducing gear which is most efficiency. 2. The planetary gear unit is based on two steps types, the secondary step output gear unit is based on four piece of running idle wheel made by alloy steel with heat treatment for share force, the life is four times more longer than traditional transmission. 3. Gear box is made from FCD-45C casting iron material by one-piece formation, with high tenacity, by computer CNC machining, with high accuracy, low noise.

### Main Body Frame:

1. With 5mm high strength steel plate to support frame of hoist. 2. The strength is three times higher than normal aluminum alloy beam. 3. Applied with electric coating is better to avoid rust, good for operation under badly environment when temperature is from minus 15 degree Celsius to plus 65 degrees Celsius.

### Housing Section

1. Made from high strength steel plate and one-piece formed by big tonnage hydraulic power press, Absolutely without gap or joint. 2. Completely sealed with water resistance grade up to IP 65. 3. With automobile grade powder coating, appearance is beautiful. 4. With compact structure, effective to add upper, lower hoisting distance.

### Upper Lower Hook Unit:

1. Made from alloy steel material by hot forging formation, with high strength, safety coefficient is four times. 2. Lower hook inside is applied with ball bearing to against 360 degree rotation, Danger will be happened during chain was twisted when it is hoisting heavy goods.

### Control Switch:

1. With indirect type push button made in Taiwan, volume is small, easy to operate. 2. With water resistance grade up to IP 65, operating life is more than 1 million times. 3. Control wires is based on electric cable mixed with steel wires, it is durable for pulling and not easy to break

## Specification:

Model	L (mm)	W (mm)	H (mm)	Package Box			Cu. Ft.	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
DU-750	430	290	600	530	420	470	3.7	45	55
DU-905	430	290	600	530	420	470	3.7	45	55
DU-906	430	290	600	530	420	470	3.7	55	66
DU-102C	470	295	241	570	400	340	2.7	39	40



## SELF-RECOVERY, ATV/UTV WINCH

FOR TRUCK, SUV, JEEP, ATV & UTV



The solenoid electric wiring box of DW-12000i/ DW-10000i/ DW-9500i/ DW-9000i/ DW-8000i/ DW-6000i. is located at central upper of winch and suitable for install it outside car bumper. (it is a open type)



The solenoid electric wiring box of DW-12000/ DW-10000/ DW-9500/ DW-9000/ DW-8000/ DW-6000. is located at side of winch and can be removed and to fix it at another position.

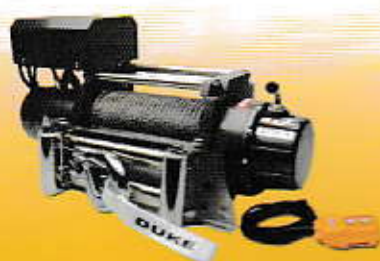
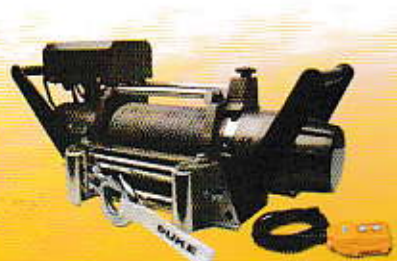
This design suitable for install it inside car bumper. (it is a invisibly type)



DW-12000M/ DW-12000iM/ DW-10000M/ DW-10000iM/ DW-9500M/ DW-9500iM/ DW-9000M/ DW-9000iM/ DW-8000M/ DW-8000iM/ DW-6000M/ DW-6000iM. with attached one portable base holder and suitable for install it outside car bumper. It can be installed and removed fast (it is a fast install type)



DW-5000/ DW-4000/ DU-2000 is for normal hoist, pulling purpose which suitable for ATV & UTV (ATV/UTV motorcycle) winch without attached with 4-way guide wheel, winch fixing bottom plate.





## WINCH FEATURES, SPECIFICATION

### Usage:

**DUKE WINCH** ability to recover your vehicle from the serious obstacle safely range have proven their versatility, durability and excellent traction capabilities in some of the toughest terrains and extreme weather conditions found around the world



### Specification:

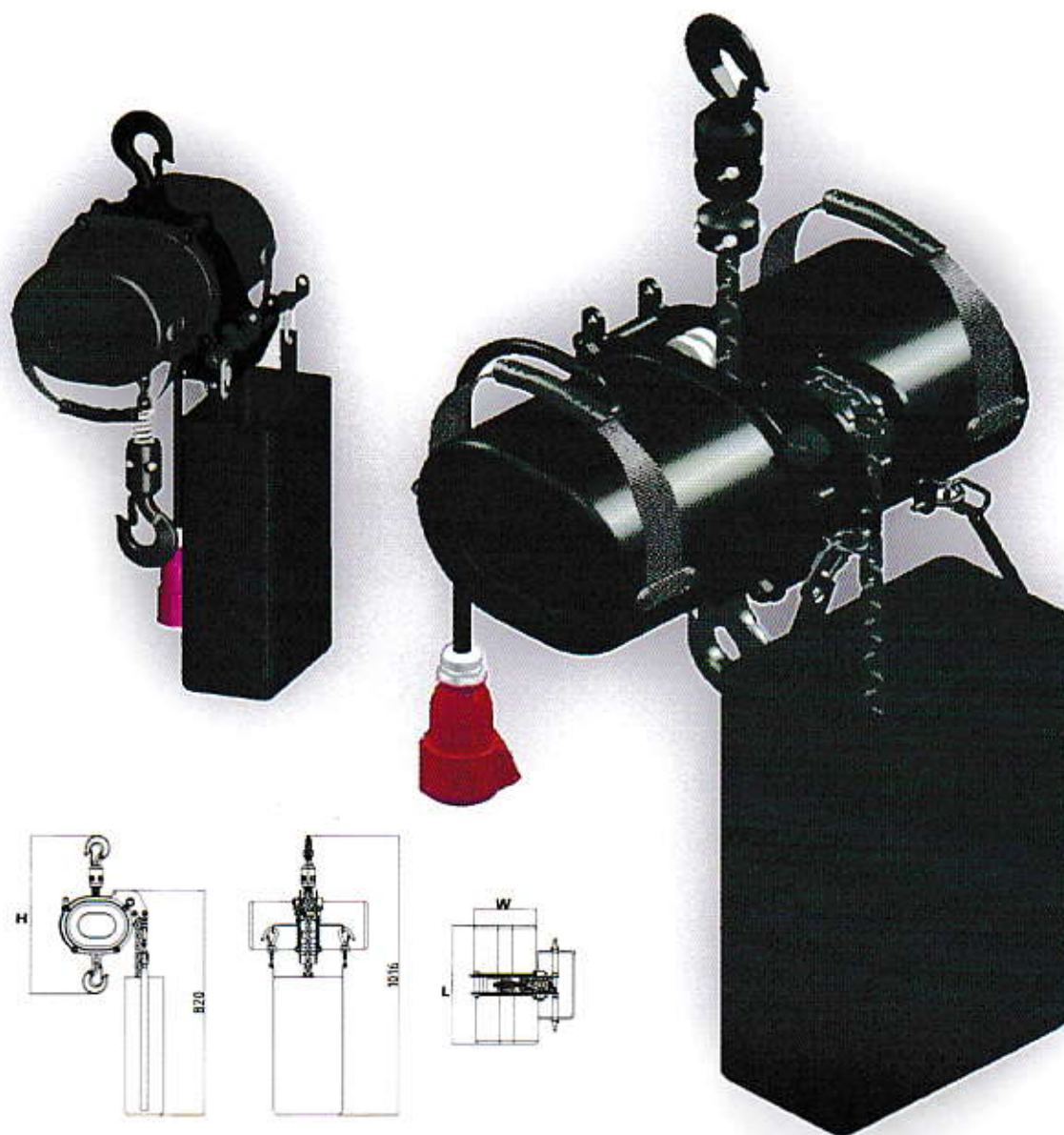
Model	Line Pull (Kg)	Speed (M/min)	Motor (HP)	Power (Voltage) DCV	Wire Rope (mm x M)	Package Box			Cu.Ft	N.W. (Kgs)	G.W. (Kgs)
						L (mm)	W (mm)	H (mm)			
DW-12000 DW-12000i	5440	4	4.6	12/24	10X28	730	290	430	3.2'	38	40
DW-10000 DW-10000i	4540	4	4.6	12/24	8x30	730	290	430	3.2'	37	39
DW-9500 DW-9500i	4309	6	4.6	12/24	8x30	730	290	430	3.2'	36	38
DW-9000 DW-9000i	4080	6	4.6	12/24	8x30	730	290	430	3.2'	36	38
DW-8000 DW-8000i	3630	6	4.6	12/24	8x30	730	290	430	3.2'	36	38
DW-6000 DW-6000i	2720	6	3.6	12/24	8x30	730	290	430	3.2'	35	37
DW-5000 DW-4000	2260 1810	6	3.6	12	7X15 6X15	500	250	330	1.45'	29 28	30 29
DU-2000	907	4	0.45	12	4X7	370	180	170	0.4'	7.3	8



## ELECTRIC INVERSION CHAIN HOIST

(3 PHASES) FOR STAGE PURPOSE

# High Performance



### Optional accessories:



Aluminum case



4 channels s  
synchronous controller



One on one controller

### Specification:

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	55
CH-2000	430	290	600	530	420	470	3.7	55	66



# INVERSION HOIST USAGE, FEATURES, SPECIFICATION

## (3 PHASES) FOR STAGE PURPOSE

### Usage:

Such electric chain hoist is specially designed & manufactured for stage inversion or common lifting operation purpose. for example, in stage stereo, lighting, show banner, campaign activity, steel frame which application is very wide.

### Features:

1. The motor system is applied with industrial grade high efficiency mice cage type induction motor., with multi-output wires type, with 3 types of voltages options available.  
The enameled wires with heat resistance up to 180 degrees Celsius, it is specially designed for long time hoisting purpose.
2. The brake system is equipped with unique designed twin brake systems for motor section and gear section is applied with high friction coefficient disk type brake lining , completely no adjustment required. When there is power failure or broken is happened, promptly start to brake and stop, the safety is guaranteed, operating life is more than 1 million times brake operation.
3. The housing and hardware components are completely treated by matte black powder coating.
4. Chain is genuine imported from Japan FEC company which is manufactured by this reputed manufacturer in this filed worldwide, chain is made from alloy steel material with 80 grade and with there times safety coefficient.
5. Upper lower hook unit is made from alloy steel material by hot forging formation, with high strength, safety coefficient is four times. The lower hook inside is applied with ball bearing to against 360 degree rotation, danger will not happened and chain without twisted during it is lifting the heavy goods, with safety latch to ensure safety of hoist operation.
6. The patented chain guiding wheel to release chain smoothly without twisted, the passive loading guiding wheel to ensure chain move into chain guider properly, the life of such device is five times more longer than common nylon guider at competitor's brand hoist in the market.
7. The gear system is based on overloading clutch to protect hoist motor, damage will not happened during it is overloading, to ensure the hoist motor life.
8. Equipped with European detachable coupler which is convenient and compact.
9. The detachable coupler is able to work with synchronous controller for operate single hoist or multi hoist units in synchronous motion.
10. It is available for optional 2, 4, 6, 8, 10, 12, etc. multi channels control cabinet to do synchronous control.
11. 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

### Specification:

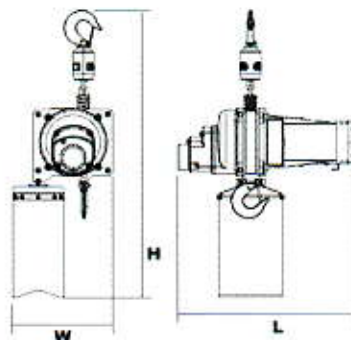
Model	Capacity (Kg)	Power (Voltage)			Phase	Chain Lift (Meter)	Chain (Falls)	Speed (M/min)		Motor (HP)	Load Chain (mm)
								50Hz	60Hz		
CH-1000	1000	220	380	440	3	Excluded	1	6	7	2	7.1
CH-2000	2000	220	380	440	3	Excluded	2	3	3.5	2	7.1



## ELECTRIC MINI INVERSION CHAIN HOIST

(1 PHASES) FOR STAGE PURPOSE

# Super Mini High Performance



### Optional accessories:



Aluminum case



One on one controller

### Specification:

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



# INVERSION HOIST USAGE, FEATURES, SPECIFICATION

## ( 1 PHASES) FOR STAGE PURPOSE

### Usage :

Such electric chain hoist is specially designed & manufactured for stage inversion or common lifting operation purpose. for example, in stage stereo, lighting, show banner, campaign activity, steel frame which application is very wide.

### Features :

#### Motor System :

1. It is applied with industrial grade high efficiency series wound carbon brush motor..
2. It is available for 2 types option for single phase voltage.
3. The enameled wires with heat resistance up to 180 degrees Celsius, it is specially designed for long time hoisting purpose.

#### Brake System :

1. Equipped with twin brake system : unique patented mechanical ratchet gear brake and controller short circuit resistor brake.
2. Applied with high friction coefficient disk type brake lining oil dipping copper blade brake, completely no adjustment required.
3. When there is power failure or broken is happened, promptly start to brake and stop, the safety is perfect, with high operation life.

#### Electric Control System :

1. Based on direct type control system, saves complicated wiring, it is easy to maintain & repair, with low trouble chance, it is safe and stable.
2. Control switch and power cable is based on detachable fast coupler, it is easy to carry, There is no trouble of electric wires twisted.

#### Chain Specification :

1. Applied with genuine chain imported from Japan FEC company which is manufactured by this reputed chain manufacturer worldwide.
2. Chain is made from alloy steel material with 80 grade and with 3 times safety coefficient.

#### Gear System :

1. With most efficiency driving system plus the planetary speed reducing gear.
2. The planetary gear system is based on two pieces of running idle wheel made by alloy steel with heat treatment, to share the force, the life is two times more longer than traditional transmission.

#### Main Body Frame :

1. Made from 4.5 mm high strength steel plate to support the frame of hoist.
2. 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.

#### Housing Section :

1. Motor body housing is made from aluminum alloy formed by one-piece die-casting with high tenacity, then machined by computerized CNC lathe, with high precision, the rotor running is very smooth.
2. Gear box is made from aluminum alloy formed by one-piece die-casting with high tenacity, then machined by computerized CNC lathe, with high precision, with low noise.
3. Completely sealed with water resistance grade up to IP 65.
4. Applied with automobile grade powder coating, the hoist appearance is beautiful.
5. With compact structure, effective to add upper, lower hoisting distance.

#### Upper Lower Hook Unit :

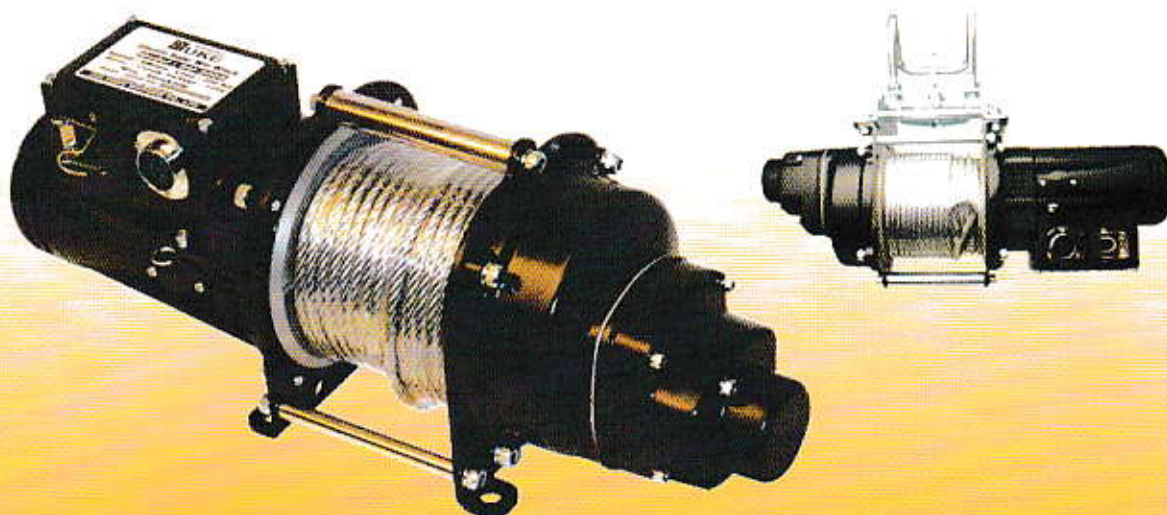
1. Made from alloy steel material by hot forging machine, with high strength, the safety coefficient is four times.

### Specification:

Model	L (mm)	W (mm)	H (mm)	Package Box			Cu. Ft	N.W (Kgs)	G.W (Kgs)
				L(mm)	W(mm)	H(mm)			
DH-500	420	200	480	500	300	400	2.1'	18	22
DH-1000	420	200	480	500	300	400	2.1'	23	27



## COMPACT ELECTRIC WIRE WINCH



# High Performance Super Mini

### Usage:

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

### Accessories:



Button Switch Assy



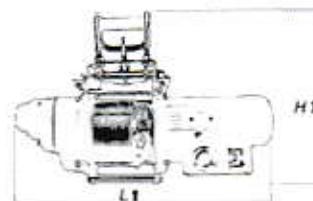
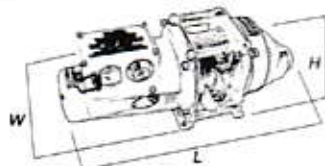
Power Cable

### (Optional Purchase:)



Up-Hook A'ssy

### Specification:



Model	L(mm)	W(mm)	H (mm)	H1 (mm)
DU-300S	490	170	180	
DU-500S				

Model	Capacity (Kg)	Speed (M/min)	Motor (Kw)	Power (Voltage) 1 Phase		Wire Rope (mm x M)	Package Box			Cu.Ft	N.W. (Kgs)	G.W. (Kgs)
							L (mm)	W (mm)	H (mm)			
DU-300S	300	14	1.3	100-120	200-240	6X30	500	250	330	1.45'	19	21
DU-500S	500	7	1.3	100-120	200-240	6X30	500	250	330	1.45'	19	21



## BATTERY BABY HOIST & WINCH

**MODEL: DCH-250  
DCH-500**



**MODEL: DCW-250**



**NEW - MODEL : DCW-250  
BATTERY BABY WINCH**

