

STAGE HOISTING EQUIPMENTS



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Electric hoist + electronic controllers

Downside hung electric hoist for project purpose and upside hung electric hoist for touring performance.

Downside hung electric hoists are generally used for touring performance concert. Small size, easy for shipping.

Upside hung electric hoists are often used for permanent establishment, for example: large meeting hall, theatre, banquet, etc. It is more stable with higher safety factor.

Customized specifications and computer control system are available for different environment and scenes.

SU STAGE ELECTRIC HOIST



IP66 grade protection

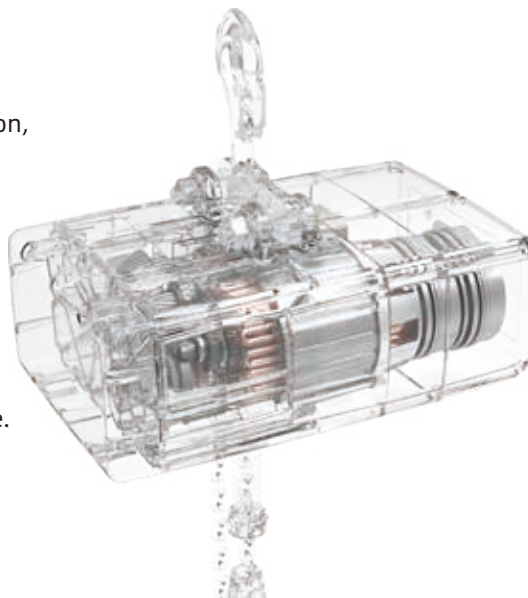
High strength shell made of die casting aluminum. Corrosion and rust resistance, high sealing performance for working in the rain. Easy installation, light weight, good heat dissipation.

Helical gear multi-drive transmission

Gears precision grade 6, low noise, safe operation, oil lubricated, maintenance free after sealing. Gear box has the function for temperature regulation for longer life.

Clutch

Imported wet clutch friction pad. Overload protection, anti-collision. Maintenance free.



Electromagnetic brake

Maintenance free electromagnetic brake for harsh environment. It will lock the brake immediately after power source is off.

High performance electric motor

Overheat protection device, insulation grade F, small size, high start-up torque, frequent and continuous operation.

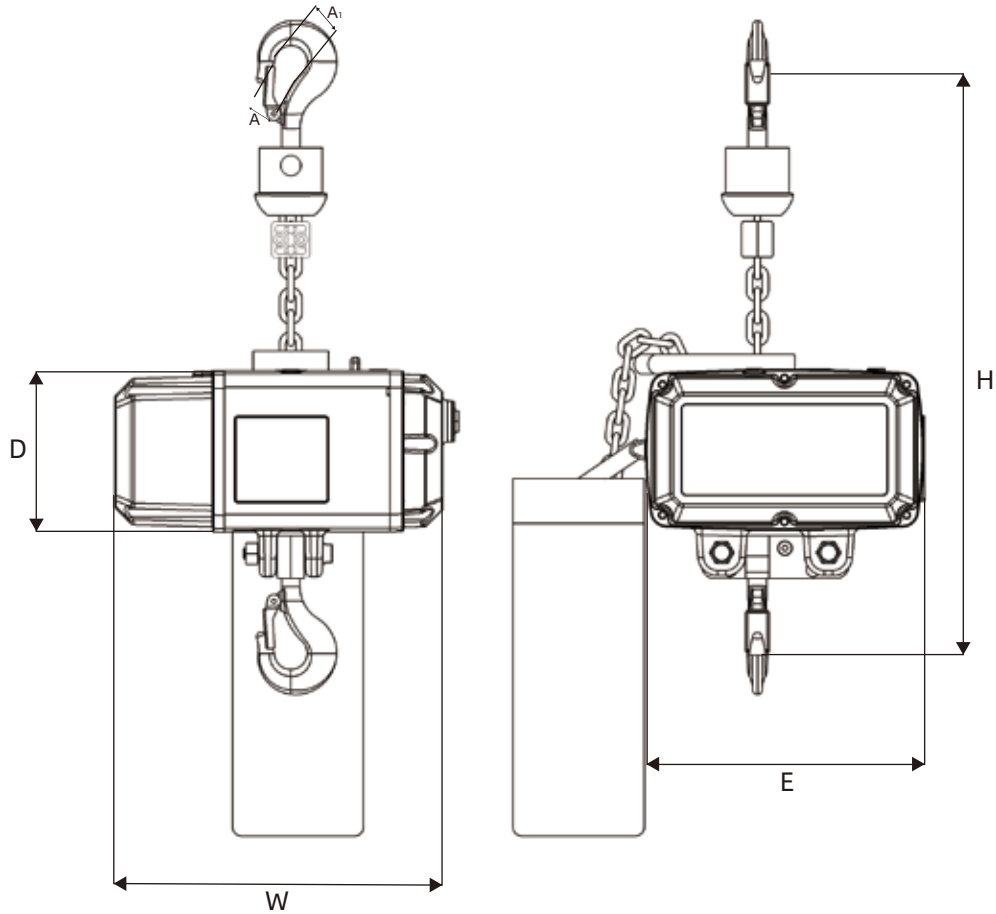
G100 grade load chains

Alloy steel made load chains, 8 times safety factor, compliance to EN818-7.

Compliance to German standard BGV-D8 regulation, CE certified.

OPTIONAL ENCODER TO REALIZE DIGITAL CONTROL.

PRODUCT PARAMETERS



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
SU-0.5	500	220-440	≥10	1	4	1.5	5
SU-1.0	1000	220-440	≥10	1	4	1.5	7.1
SU-2.0-1	2000	220-440	≥10	1	4	2.2	9
SU-2.0-2	2000	220-440	≥10	2	2	1.5	7.1

MODEL	DIMENSION (mm)						FLIGHT CASE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)	NOISES (dn)
	E	W	D	H	A	A ₁	L	W	H				
SU-0.5	320	390	200	500	25	35	500	550	500	38	0.7	70	≤60
SU-1.0	320	390	200	620	26	41	500	550	500	40	1.1	80	≤60
SU-2.0-1	320	460	200	650	34	49	520	570	500	52	1.7	117	≤60
SU-2.0-2	320	390	200	780	34	49	500	550	500	45	2.2	112	≤60

SU-G+ UPSIDE HUNG STAGE ELECTRIC HOIST (PROJECT PURPOSE)



Aluminum shell

High strength aluminum die casting outer shell. Perfect sealed, light weight, good heat dissipation, IP65 protection.

Double electromagnetic brakes

Independent double electromagnetic brakes. It will lock the brake immediately after power source is off. Safe and reliable.

Electric motor

High performance electric motor with overheat protection device, small size, high start-up torque, frequent and continuous operation.

Chains

G100 chains made of alloy steel, 8 times safety factor, compliance to EN818-7.

Touch type limit switch

Precise electronic position limit switch. It can adjust electric hoist travel distance, avoid collision and guarantee its safe operation.

Overload clutch

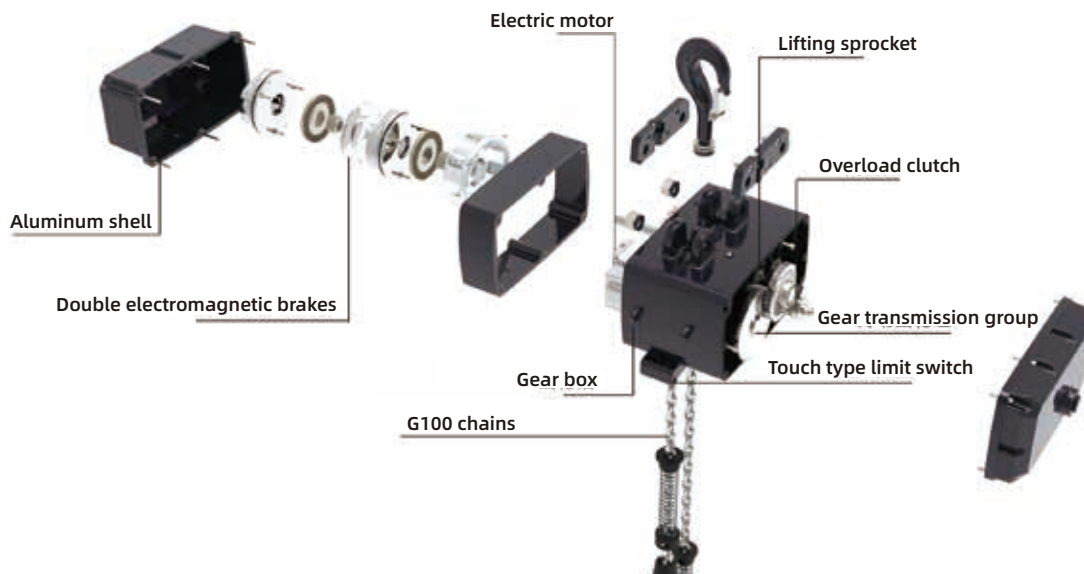
Maintenance free overload clutch is integrated on the gear shaft. Overload protection and anti-collision.

Gear transmission set

Helical gear multi-drive transmission, gears grade 6, safe operation, low noise, oil lubricated, maintenance free.

Lifting sprocket

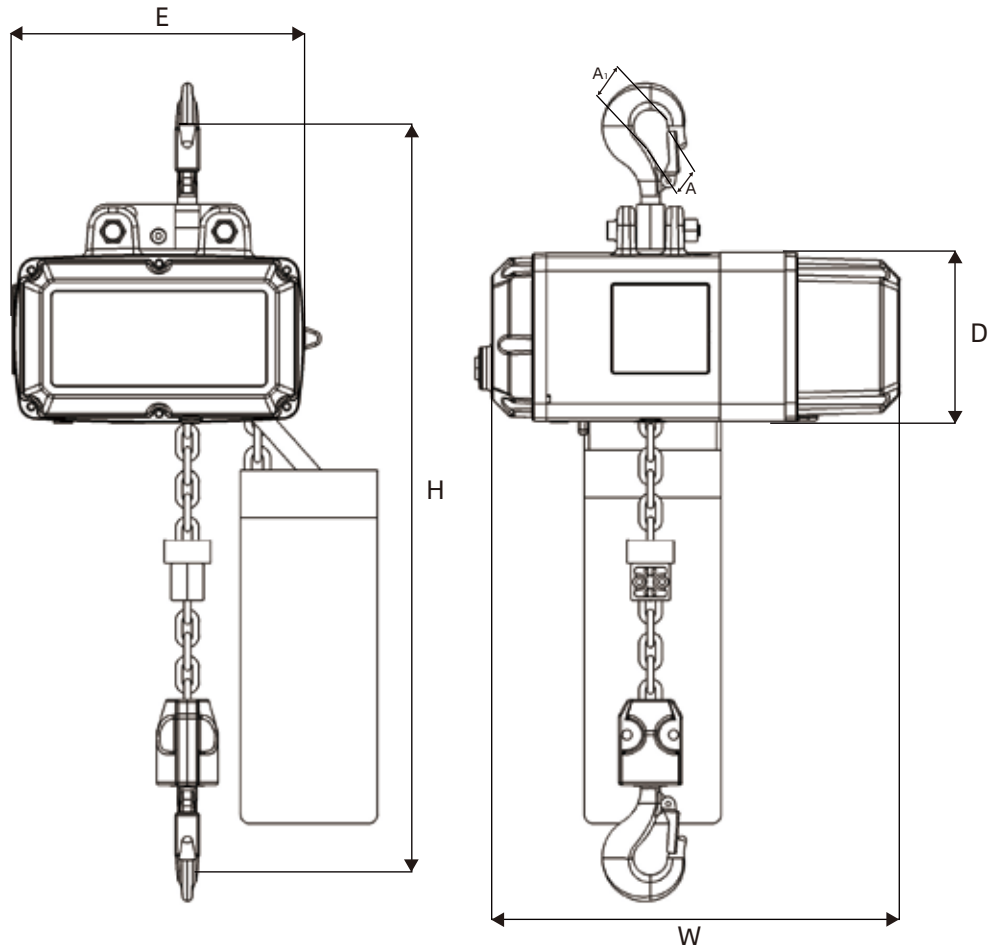
5 pockets and double sides bearings design, special alloy steel material. Low vibration and low wear. Safe and quiet operation.



Compliance to Germany BGG-D8+ regulation. CE certified.

OPTIONAL ENCODER TO REALIZE DIGITAL CONTROL.

PRODUCT PARAMETERS



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
SU-G+0.5-1	500	220-440	≥10	1	4	1.5	5
SU-G+0.5-2	500	220-440	≥10	1	16	1.9	7.1
SU-G+1.0	1000	220-440	≥10	1	4/8	1.5/1.9	7.1
SU-G+2.0-1	2000	220-440	≥10	1	4	2.2	9
SU-G+2.0-2	2000	220-440	≥10	2	2	1.5	7.1

MODEL	DIMENSION (mm)					PACKAGE SIZE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)	
	W	H	D	E	A	A ₁	L	W				H
SU-G+0.5	460	510	200	320	25	35	600	450	500	58	0.7	78
SU-G+0.5	460	630	200	320	26	41	600	450	500	58	1.1	78
SU-G+1.0	460	630	200	320	26	41	600	450	500	58	1.1	78
SU-G+2.0-1	460	660	200	320	/	49	600	450	500	65	1.9	95
SU-G+2.0-2	460	780	200	320	/	49	680	450	500	61	2.2	93

SU-GP+ STAGE ELECTRIC HOIST



High strength shell is made of die casting aluminum. Corrosion resistance.No rust.High sealing performance for harsh environment operation.

Maintenance free double electromagnetic disc brakes.It will lock the brake immediately after power source is off.Full sealed and maintenance free design.Safe and reliable to satisfy harsh environment.

Chains with 10 times safety factor.

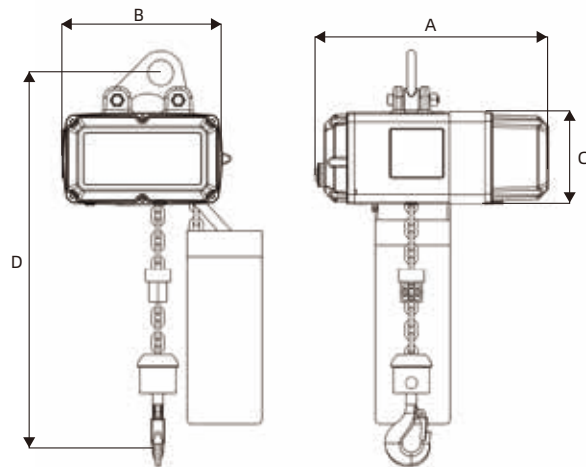
Non-synchronous operation and all centralized stop.

Synchronous grouping drive,adjustable lifting speed.

Payload retaining.

Ultra-quiet brakes.

Optional for 4 points limit switch.



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
SU-GP+0.3	300	220-440	≥10	1	0-30	1.9	5
SU-GP+0.5	500	220-440	≥10	1	0-19	1.9	5/7.1
SU-GP+1.0	1000	220-440	≥10	1	0-9.5	1.9	7.1

MODEL	DIMENSION (mm)				FLIGHT CASE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
	A	B	C	D	L	W	H			
SU-GP+0.3	460	320	200	480	505	505	400	50	0.5	83
SU-GP+0.5	460	320	200	580	600	450	500	50	0.5/1.1	83
SU-GP+1.0	460	320	200	580	680	450	650	50	1.1	83

SU-GP+(C1) STAGE ELECTRIC HOIST



Full sealed shell, high sealing performance. No sharp edges or bumps.

Chains with 10 times safety factor.

Double independent brakes system with independent controls. Braking feedback is served. Exchangeable according to requirement.

2 hooks or rings are served.

Overload and underload monitor. Stop when overload exceeds 120% rated payload. Payload retaining.

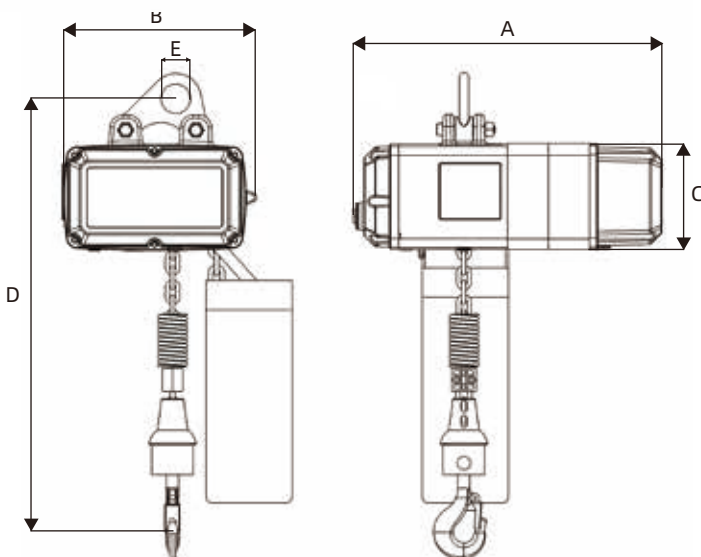
Non synchronous or synchronous grouping operation, adjustable lifting speed.

4 points position limit feedback, electromagnetic brake on/off feedback and double encoders positioning feedback.

Ultra-quiet brakes.



Participated in many large-scale outdoor performances, stadiums and other CNC hoisting projects.



CNC plug



Encoder



Ultra-quiet brakes

MODEL	CAPACITY (kg)	VOLTAGE	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)	DIMENSION (mm)				
								A	B	C	D	E
SU-GP+-C1	300	220-440	≥10	1	16/30	1.9	7.1	530	320	200	480	49

STAGE KING STAGE ELECTRIC HOIST



Compact construction, small size, light weight, suitable for narrow space work.

IP66 protection grade, working in the rain.

360° swivel hook, anti-detaching design.

G100 load chains, 8 times safety factor.

Maintenance free electromagnetic brake. It will lock the brake immediately after power source is off.

Helical gear transmission, gears precision Grade 6, operation noise <60 db.

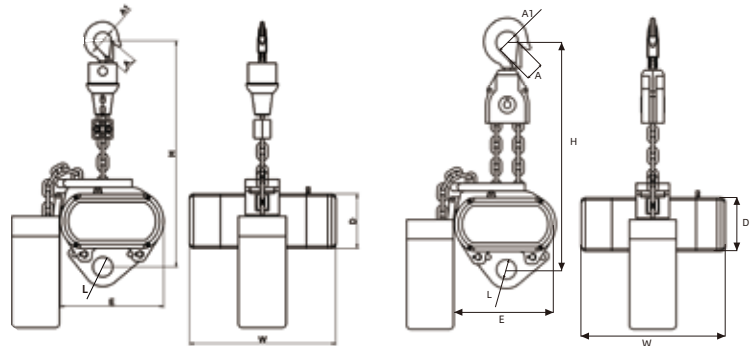
Lifting ring design for lower hook. Use together with shackles, more safe.

High strength nylon chain-guide-device for chains smooth operation.

Heat treated aluminum casting shell, lighter weight, stronger construction.



The clutch is integrated on the rotor shaft, and adopts dry clutch friction pads, so that the clutch will not slide down after wear and tear, ensuring safety.



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
D8 320	320	220-440	≥10	1	4	0.22	4
D8 1000	1000	220-440	≥10	1	4	0.75	7.1
D8 2000	2000	220-440	≥10	2	2	0.75	7.1
D8+ 250	250	220-440	≥10	1	4	0.22	4
D8+ 800	800	220-440	≥10	1	4	0.75	7.1
D8+ 1600	1600	220-440	≥10	2	2	0.75	7.1

MODEL	DIMENSION (mm)						NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)	
	W	H	D	E	A	A ₁				
D8 320	325	350	115	195	23	32	Ø26	12	0.35	15.5
D8 1000	370	520	140	260	26	38	Ø50	28	1.1	39
D8 2000	370	670	140	260	34	49	Ø50	28	2.2	50
D8+ 250	370	350	115	195	23	32	Ø26	14	0.35	17.5
D8+ 800	440	520	140	260	26	38	Ø50	32	1.1	43
D8+ 1600	440	670	140	260	34	49	Ø50	32	2.2	54

HGA8+ STAGE ELECTRIC HOIST



Innovative chains side-guiding-out design for quiet and steady operation.

360° swivel hooks made of alloy steel forging. Anti-detaching device is equipped.

Built-in mechanical overload protection clutch to avoid collision and overload damage.

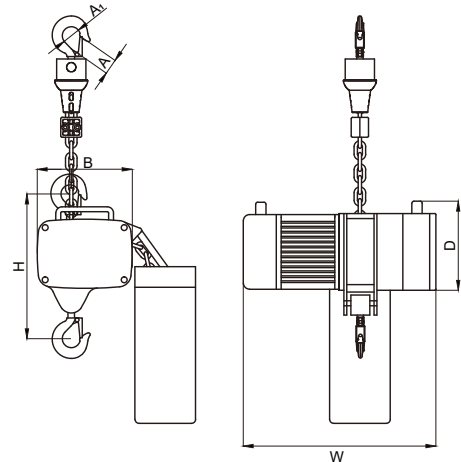
Lifting sprocket is made of special alloy with 5 pockets and double sides bearing. Steady and quiet operation.

The gearbox is integrally formed by high-strength aluminum alloy die-casting, light and strong, higher strength and good corrosion resistance.

Motor with an aluminum alloy tensile shell, unique heat dissipation function, suitable for high-frequency operation, and its protection level is IP55.

Simple electromagnetic brake design, no failure of the brake coil, and no need to change the brake disc.

Mechanical brake and the pound magnetic brake coordinate with each other to effectively ensure the braking system.



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
HGA8+-0.5	500	220-440	≥10	1	5	1.1	6.3
HGA8+-1.0	1000	220-440	≥10	1	4	1.5	7.1
HGA8+-2.0-1	2000	220-440	≥10	1	4	3	10
HGA8+-2.0-2	2000	220-440	≥10	2	2	1.5	7.1
HGA8+-3.0	3000	220-440	≥10	1	4	3	11.2

MODEL	DIMENSION (mm)						FLIGHT CASE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
	B	W	H	D	A	A ₁	L	W	H			
HGA8+-0.5	240	410	480	200	25	35	580	390	490	27	0.86	48
HGA8+-1.0	270	470	600	220	26	39	680	490	690	39	1.1	62
HGA8+-2.0-1	350	630	700	300	34	49	700	510	700	76	2.0	110
HGA8+-2.0-2	270	470	760	220	34	49	680	490	690	44	2.2	80
HGA8+-3.0	350	630	750	300	34	49	700	510	700	76	2.6	105

HGA9 UPSIDE HUNG STAGE ELECTRIC HOIST (PROJECT PURPOSE)



360° swivel hook made of alloy steel forging. Anti-detaching device is equipped.

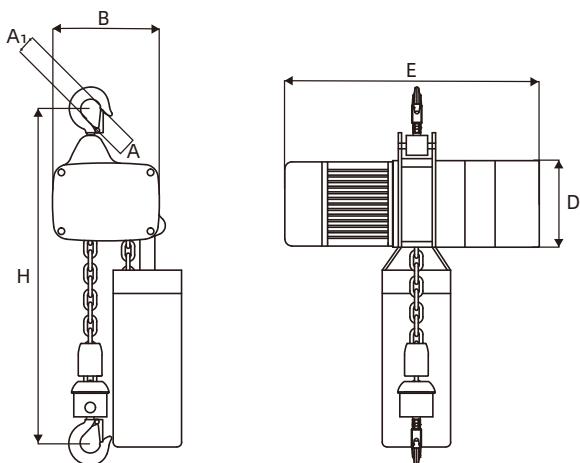
36V low voltage control circuit and reverse phase protection device. Once if the power lines connection is wrong, the control circuit will not act.

Extruded aluminum outer shell with IP55 protection grade. good heat dissipation.

Independent electromagnetic brake. It will lock the brake immediately after power source is off.

Built-in clutch for electric motor idle rotating when it exceeds the rated payload capacity. No damage to the hoist body or chains caused by overload.

Fully oil lubricated for quiet and smooth operation.



TOUCH TYPE LIMIT SWITCH

Avoid power source cutting off caused by chains tiltable pulling.



RUBBER LIMIT BLOCK

Latest innovation. proper softness to protect touch type limit switch.

MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
HGA9-0.5	500	220-440	≥10	1	6.8	1.1	6.3
HGA9-1.0	1000	220-440	≥10	1	7/5	1.5	7.1
HGA9-2.0	2000	220-440	≥10	1	6	3.0	10

MODEL	DIMENSION (mm)						PACKAGE SIZE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
	B	E	H	D	A	A ₁	L	W	H			
HGA9-0.5	240	490	520	160	25	35	510	340	440	30	0.79	53
HGA9-1.0	270	560	580	190	26	39	600	450	500	41	1.1	62
HGA9-2.0	350	630	780	240	34	49	680	450	650	85	2.1	124

HGA9-S STAGE ELECTRIC HOIST WITH 2 HOOKS



MIDDLE CONNECTION PART FOR THE DOUBLE HOOKS



CHAIN BAG



RAIL GRIPPER



HOOK NO.1



HOOK NO.2

Double hooks to satisfy lifting and installation of audios, and 2 hanging points in narrow space.

Rail gripper for rail mounting and fixed points mounting.

Extruded aluminum outer shell with good heat dissipation and IP55 protection. Suitable for frequent and continuous operation.

Integrated forming gear box with both corrosion resistance and high strength.

Upper and lower contact point type power-off position limiter for max lifting distance.

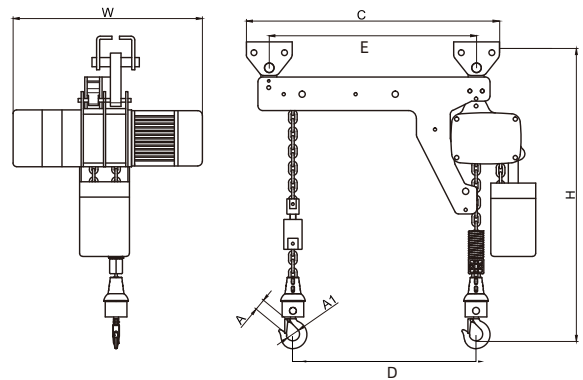
5 pockets lifting sprocket for smooth chain operation.

Safe and reliable electromagnetic brake with simple design. Brake will be locked immediately when power source is off.

Spiral gears design with lower wearing and noise. Longer service life.

360° swivel hooks made of forged alloy steel. Equipped with anti-detaching device.

G80 galvanized chains. Longer and safer use.



MODEL	CAPACITY (kg)	VOLTAGE (V/3P)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
HGA9-S-0.5	500	220-440	≥10	1	6.8	1.1	6.3
HGA9-S-1.0	1000	220-440	≥10	1	7/5	1.5	7.1

MODEL	DIMENSION (mm)							PACKAGE SIZE (mm)			NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
	W	H	D	A	A ₁	C	E	L	W	H			
HGA9-S-0.5	560	700	customize	25	35	E+150	customize	510	340	440	80	1.6	103
HGA9-S-1.0	640	800	customize	26	39	E+150	customize	600	450	500	91	2.2	113

EK SERIES MINI ELECTRIC CHAIN HOIST



EK Mini electric Chain Hoist is with a compact body, beautiful appearance, easy operation and high cost performance. It can meet most usage of stage scenarios.

Metal shell ,Durable.Compact Body, Meets requirements of low headroom.

motor with cooling fan,Suitable for high frequency work.

G80 chain with uniquely design, Optional galvanized or black chain.Lifting sprocket made of alloy steel, running smoothly and low noise.Meeting requirements of usage.

Controlled by control handle or controller.Meets requirements of Single or group control.

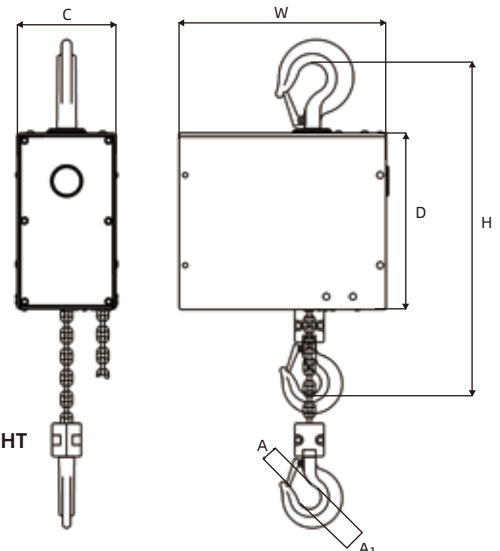
Up and down limit switch, Protecting the top and provide the max lift distance more safe.

Equipped chain bag, Hook with an anti-decoupling device. More safe when use.

Safe and reliable power-off locking brake, simple design, no need to replace the brake pad.



LIGHTWEIGHT DESIGN,
THE WHOLE MACHINE IS LIGHT IN WEIGHT



MODEL	CAPACITY (kg)	VOLTAGE (V)	LIFTING HEIGHT (m)	CHAIN FALL NO.	LIFTING SPEED (m/min)	POWER (kw)	LOAD CHAIN DIA (mm)
EK-250	250	110-220	≥10	1	4	0.51	5
EK-500	500	110-220	≥10	1	4	1.30	5
EK-1000	1000	110-220	≥10	2	2	1.30	5

MODEL	DIMENSION (mm)							NO CHAIN NET WEIGHT (kg)	CHAIN NET WEIGHT (kg/m)	G.W (kg)
	B	C	D	H	W	A ₁	A			
EK-250	185	145	245	420	285	35	23	13.5	0.55	20
EK-500	210	160	290	460	330	35	23	15	0.55	23.5
EK-1000	210	160	290	500	330	35	25	18	0.55	25

HGK-C-D TOUCH SCREEN CONTROLLER



High end touch screen controller system. All control instructions are integrated in the LCD touch screen by digits display.

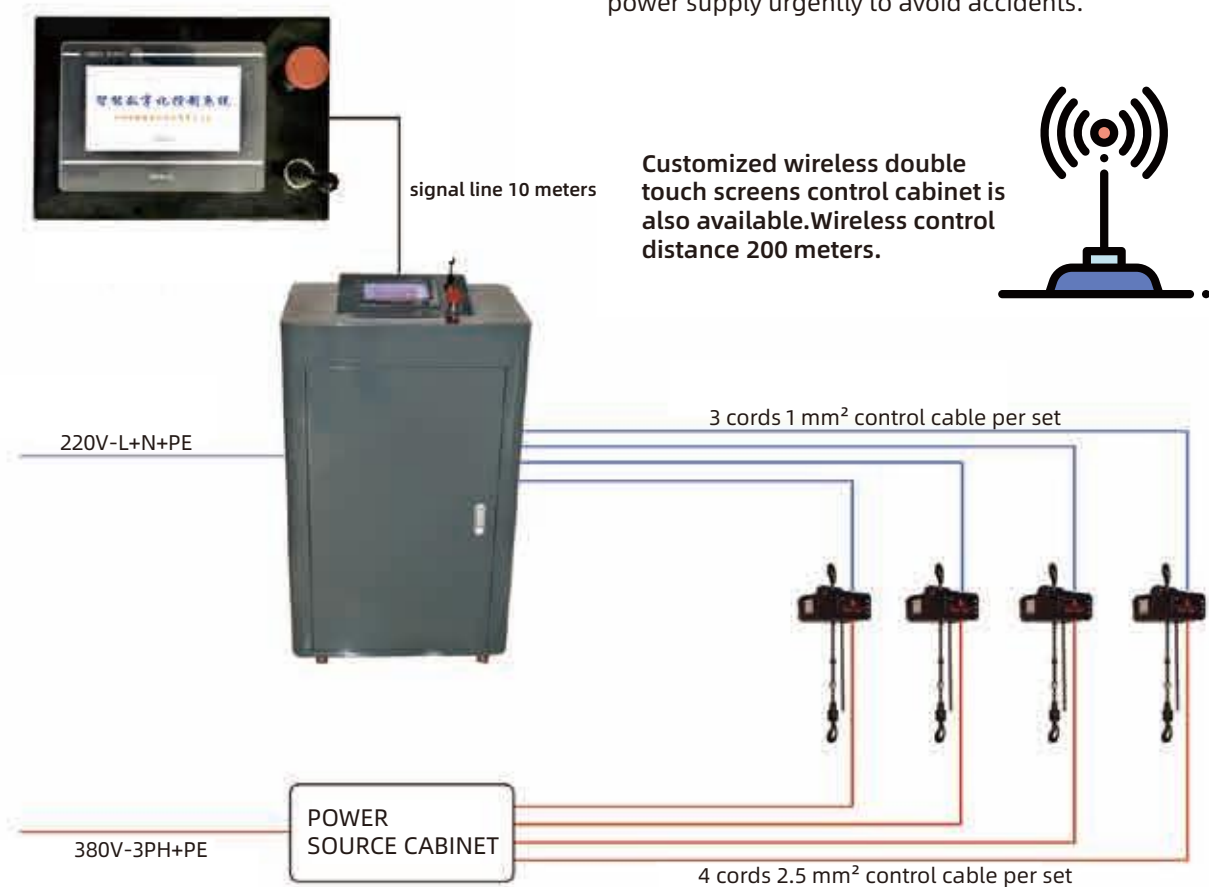
Controller can operate one single or grouping electric hoists. It can nominate each equipment or grouping equipments task purpose and edit their names. This will save your time to find the scene layout drawings.

Ergonomically engineered LCD console has good appearance and is easy to operate.

LCD console and IC cabinet are designed separately. Only one signal line is needed for connection. This makes operation more convenient and flexible.

Hand-held console is equipped with joy stick handle. Push the joy stick handle up or down to control the electric hoists lifting or descending. It will restore to the middle position and stop sending signals to the operation system if no operation is needed. This makes operations controllable and safe.

Emergency stop button on the console can cut off power supply urgently to avoid accidents.



IC CABINET POWER SOURCE: SINGLE PHASE 220V THREE WIRES L+N+PE.

HGK-C-G TOUCH SCREEN CONTROLLER



High end touch screen controller system.All control instructions are integrated in the LCD touch screen by digits display.

Ergonomically engineered LCD console has good appearance and is easy to operate.

Controller can operate one single or grouping electric hoists.It can nominate each equipment or grouping equipments task purpose and edit their names.This will save your time to find the scene layout drawings.

LCD console and IC cabinet are designed seperately.Only one signal line is needed for connection.This makes operation more convenient and flexible.(thereotically the signal line length can reach up to 200 meters).

Hand-held console is equipped with joy stick handle.Push the joy stick handle up or down to control the electric hoists lifting or descending.It will restore to the middle position and stop sending signals to the operation system if no operation is needed.This makes operations controllable and safe.

Emergency stop button on the console can cut off power supply urgently to avoid accidents.



IC CABINET POWER SUPPLY: 380V -3PH+N+PE 3 PHASES 5 WIRES

HGK-D SYNCHRONOUS GROUPING CONTROLLER



Fixed installation for special places,Control voltage 36V.

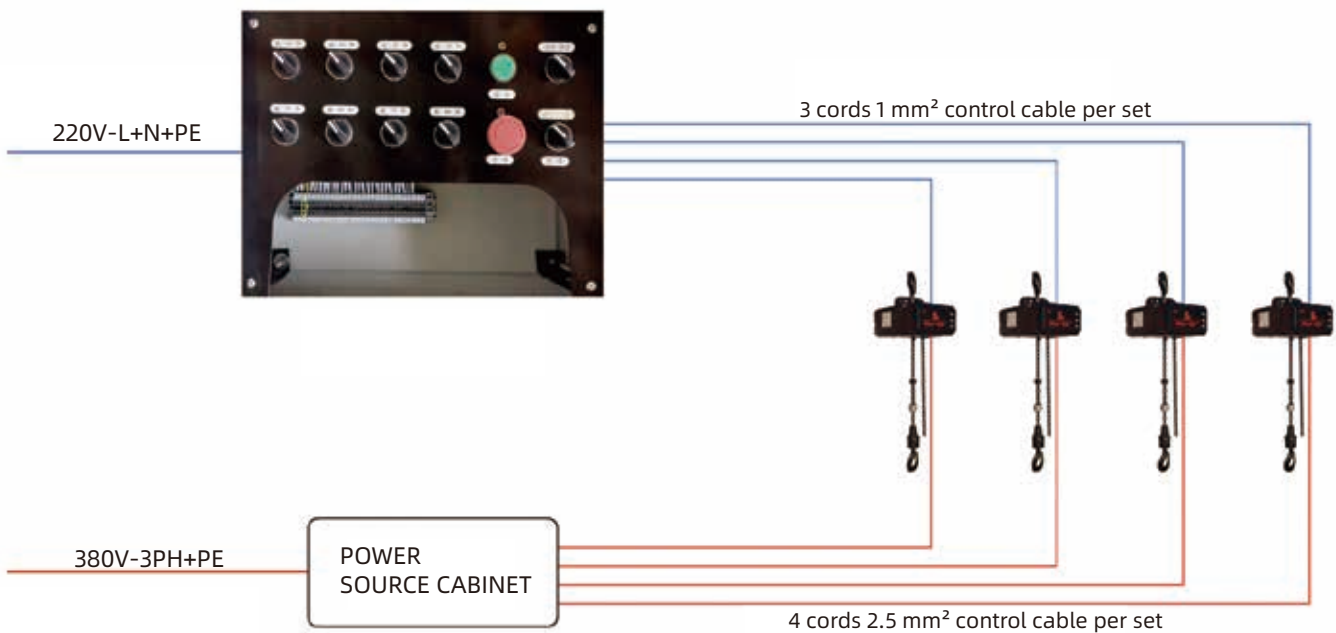
All electronic components are aging tested.Key components are imported brand.

Wall mounted cabinet.small size, adjustable electric hoist quantity to be controlled.

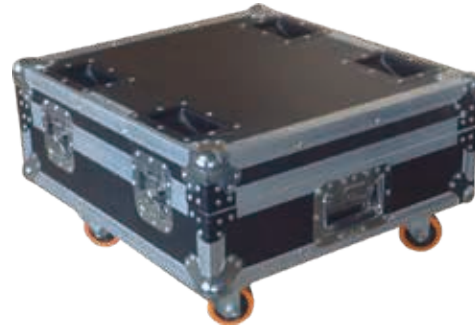
Jog knob,continuous motion knob are both set.More convenient.

Power supply 220V with earthing line for safety.

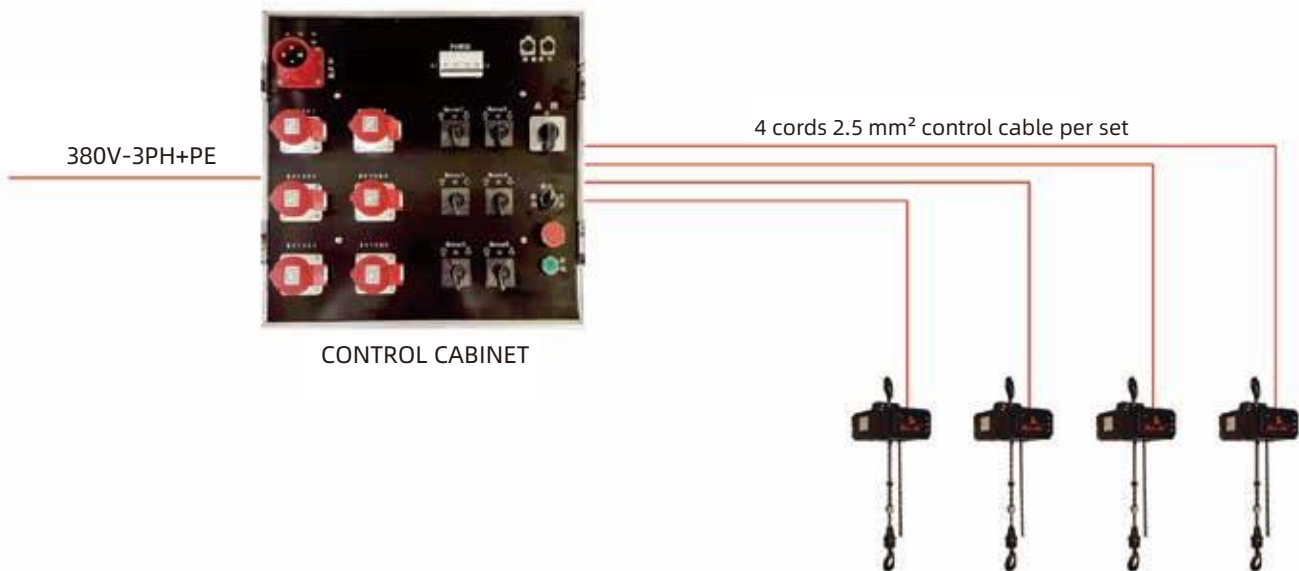
Wireless remote control for option.



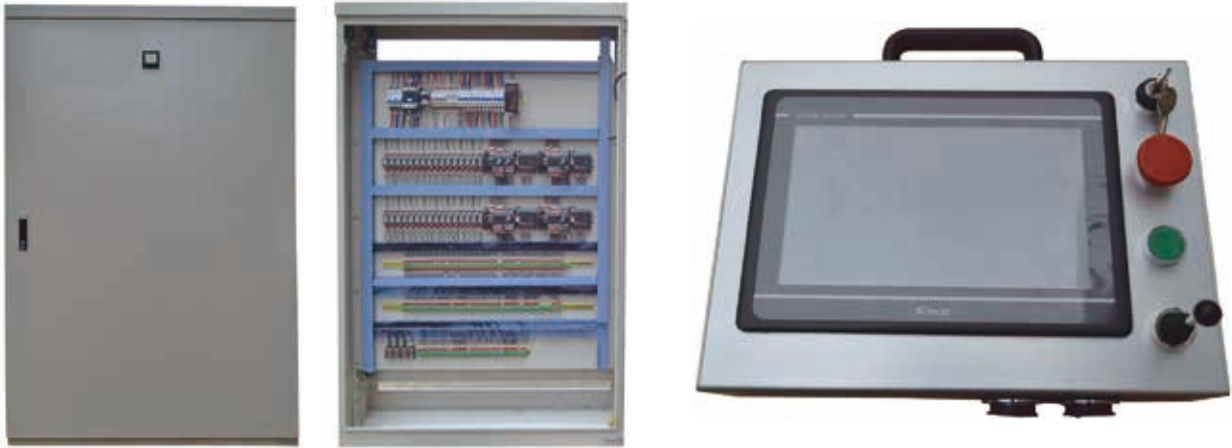
HGK-G SYNCHRONOUS GROUPING CONTROLLER



- Max 46 channel lines. Power supply 380V with earthing line for safety.
- All electronic components are aging tested. Key components are imported brand.
- Heavy change-over knob for each hoist power source supply. Better controllable.
- Convenient serial connection ports for linkage motion of multiple controllers.
- Flight case design for the outer shell. Easy and convenient carrying for touring performance market.
- Wireless remote control for option.



PLC CONTROL SYSTEM



Integrated control in only one cabinet for power supply cables and signal lines.easy maintenance and commissioning. Suitable for banquet,bar and theatre performances.

Built-in high performance vector frequency converter.Steady and smooth speed adjustment for lifting and descending.

Touch screen console can execute grouping control for each hoist lifting/descending and positioning,real-time lifting height display,static point positioning,etc.

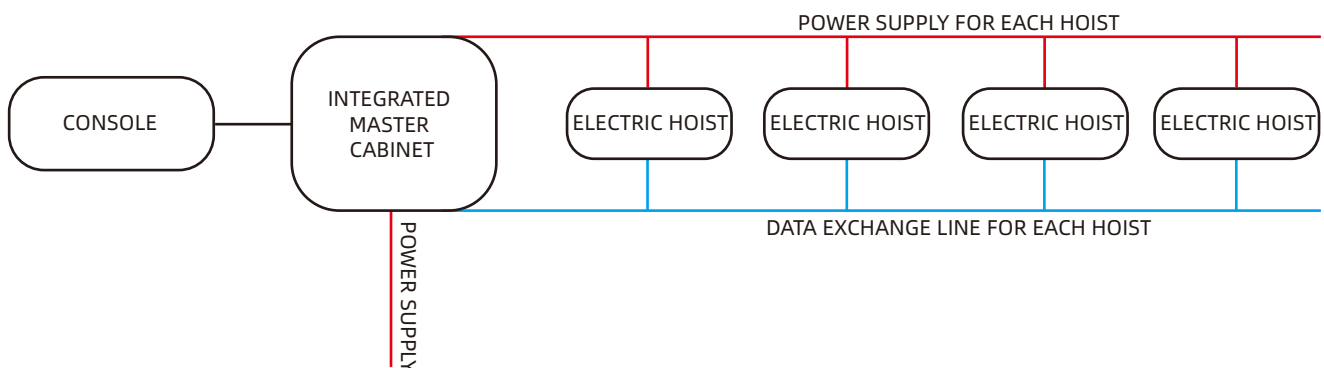
Repeated positioning accuracy $\pm 5\text{mm}$.

Touch screen console is connected with PLC master electronic control cabinet,equipped with emergency stop and rocker handle for operation.

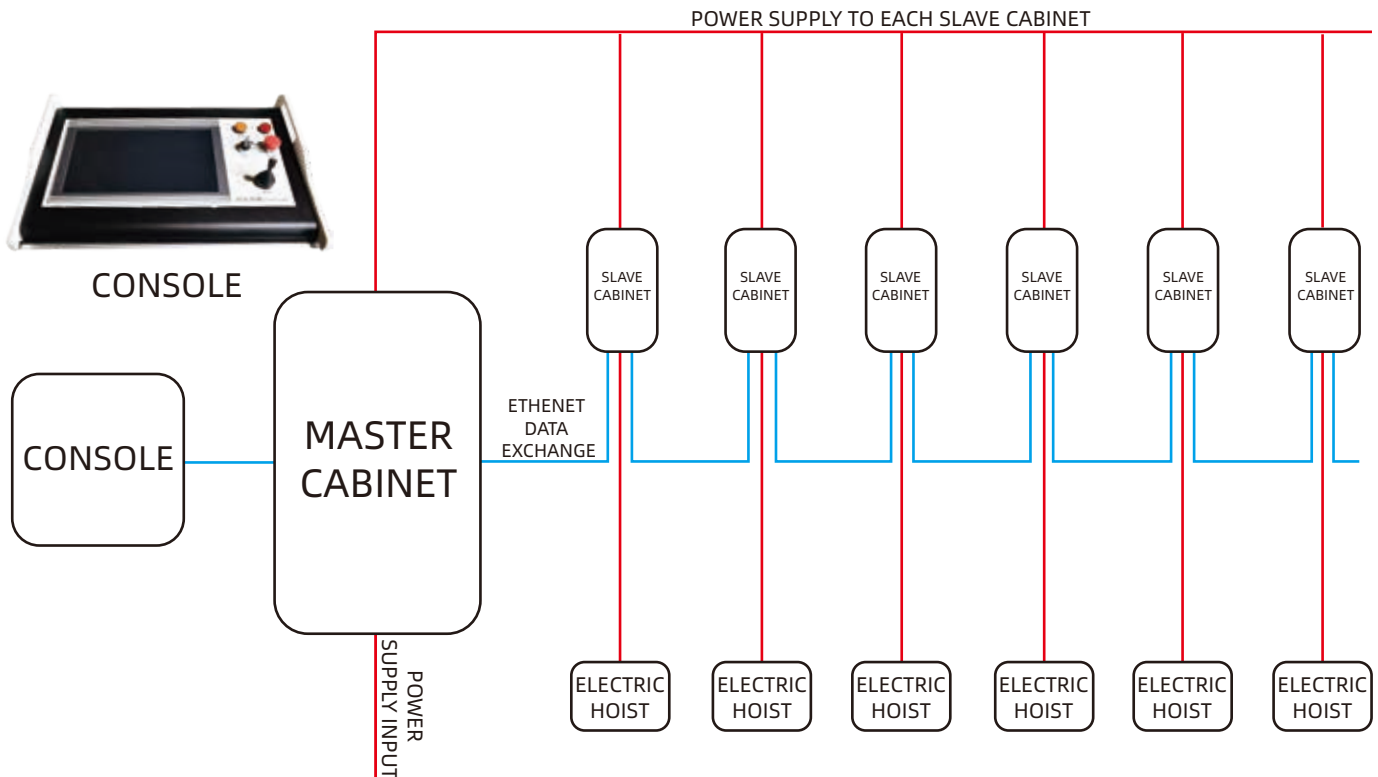
PLC system can store different scenarized application programs,or complete continuous actions for multiple styles. It can realize required stage action effects perfectly.

Console and master cabinet are designed and produced independently.It is more safe to help operator better visualization of hoists action scenes for real-time monitoring.

POWER SOURCE SUPPLY: 380V(L1+L2+L3+N+E)



ETHERNET PROGRAMMABLE CONTROL SYSTEM



Integrated design for drive system and control system. One signal line and one power line can control the whole system.

Distributed electric cabinets design. Each electric hoist is equipped with one slave control cabinet. Reduce too much wiring and signal interference. Quick installation. Suitable for touring performance.

Built-in high performance vector frequency converter. Smooth speed adjustment for steady lifting and descending. Particular motion speed is adjustable.

Slave control cabinets can be mounted on the truss with the mounting support frame.

ISO standard connection ports. Plug and play without additional conversion.

Console has configuration panel and touch screen display. It can execute ramp start/stop, static point positioning, real-time display of lifting height, etc.

Repeated positioning accuracy ± 1 mm.

PLC master electronic control cabinet can measure the electric hoists loading weight and monitor each hoist loading situation. If overload 120%, it will automatically cut off power supply to stop hoisting and send alert to change operation (optional).

Heavy loading connectors can transfer hoists position limit signal and encoder signals.

Max 100 meters console operation away from hoists is supported.

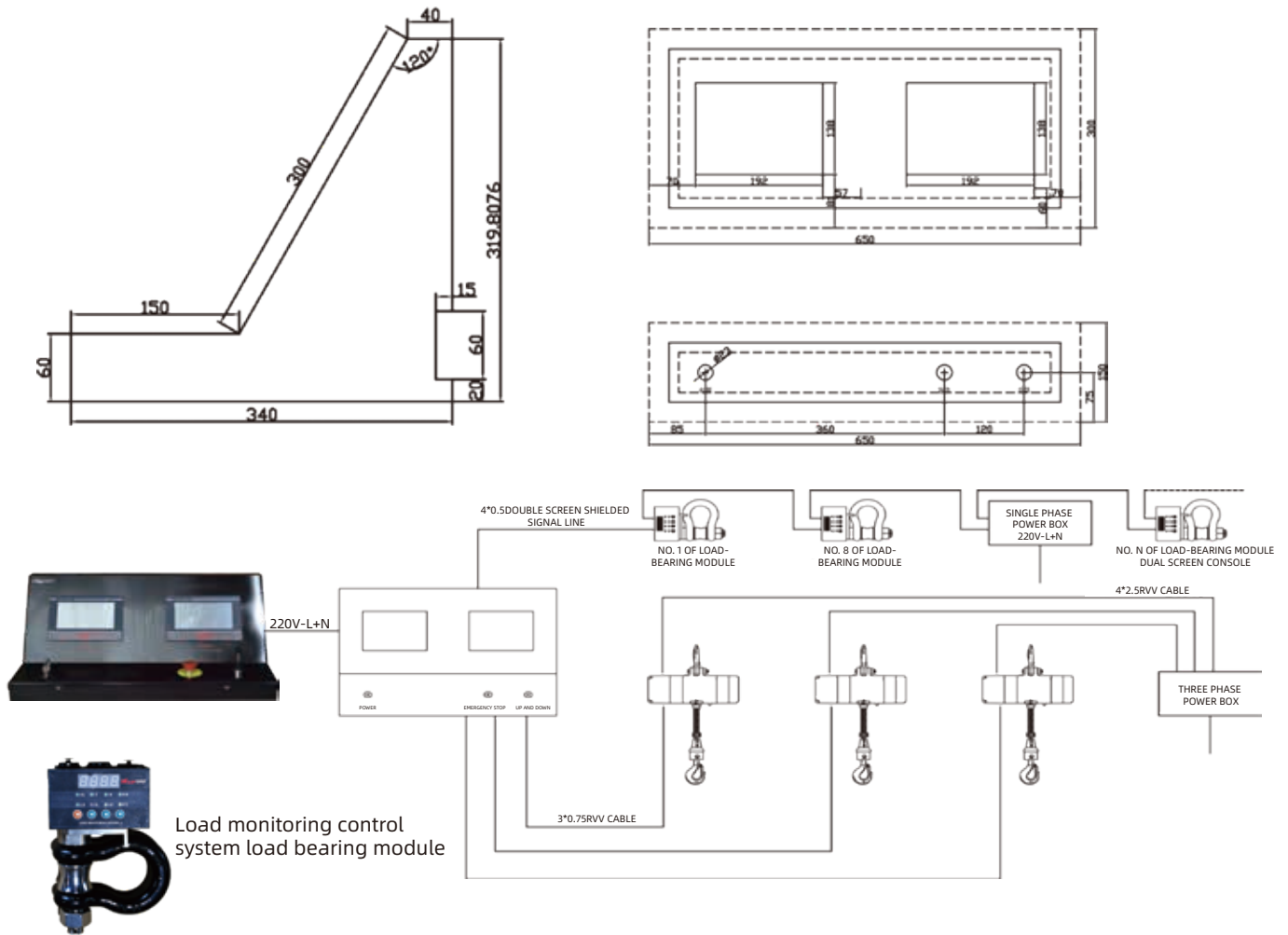
ETHERNET MASTER ELECTRONIC CONTROL CABINET

5 cords plug-in connector to connect power source. Rated power supply voltage: 380V(L1+L2+L3+N+PE).

CE 380V socket output. Each line 32A. Working with master control cabinet, it can complete different stage scenes like various styles, vertical lifting/descending and angles changing, etc.

32A master power source output. One power source line can support 4-6 slave electronic control cabinets. Less wiring.

LOAD MONITORING SYSTEM



Dual-screen control, screen 1 displays the load monitoring, which can display the weight of each lifting point and play the role of safety observation. The operation panel is built-in, so that customers can better understand the dynamics of the lifting point.

Screen 2 is the electric hoist control display. All control options are concentrated on the LCD touch screen and displayed by digit. The controller can individually control the lifting of one or more electric hoists, and can group each point with a purpose name and a note, saving the tedious operation of finding layout drawings.

Ergonomically designed LCD console with exquisite appearance and simple operation.

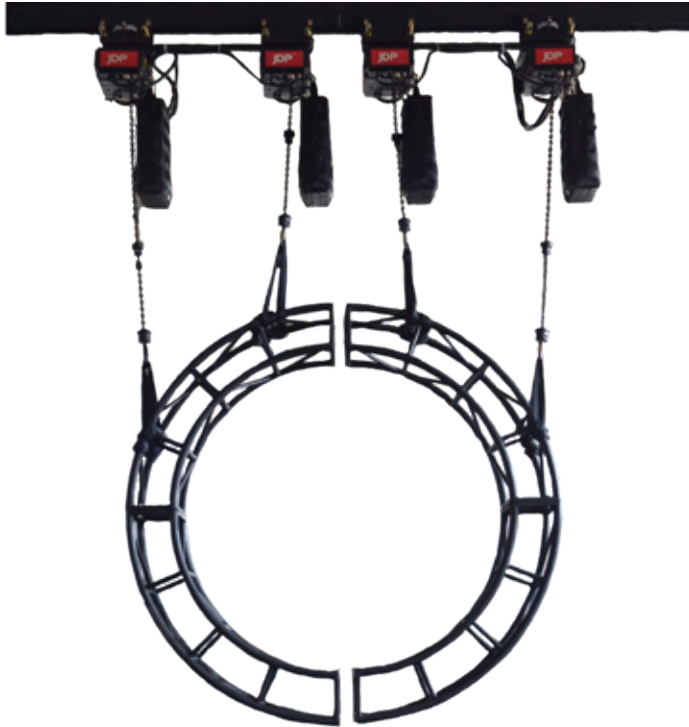
The operation console and the integrated circuit cabinet are designed separately, and only one signal line is needed to connect in the middle, which increases the convenience and flexibility of operation.

The handheld console is equipped with a joystick-type operating lever. The electric hoist can only be powered on when it is pushed up or pulled down. When it is not in operation, the remote lever is reset to the middle and stops sending action signals to the operating system, making the operation more controllable and security.

The operating console is equipped with an emergency stop button, which can cut off the control system and power supply in an emergency to avoid safety accidents.

The power supply of the cabinet is: 220V single three-cords system.

INTELLIGENT ORBIT SYSTEM



The system includes hoist lifting point, controller, power cabinet and hoist chain slider.

Users can freely and flexibly realize the desired lighting layout design through the system, realize real-time dynamic program performance and record effects through the control software.

The system can integrate the real-time operation monitoring function and the abnormal error handling function to ensure the safety of the system.

The system can be flexibly expanded, easy to install and disassemble, and realize the hanging motion control from the simplest to the most complex, perfectly execute every detail of the performance, and integrate the safe operation of the system with artistic creation.

Applicable Scene, TV Station, Concert, Commercial.



The Intelligent Orbit system can use 500kg or 1000kg electric chain hoist. The hoist chain is rigidly connected, with large load, small deformation, high positioning accuracy, simple and safe structure, and can be replaced in time when the equipment fails, and the maintenance is simple in use.

Model No: IS-1000
Capacity: 1000kg
Power: 0.75KW
Speed: 11m/min
Voltage: 380V



MANUAL CHAIN HOIST SERIES+LIFTING EQUIPMENT SUPPORTING PRODUCT SERIES

Manual chain hoist series

Manual chain hoists are suitable for operations in places without power supply and narrow spaces, and can be used for touring performances and fixed installations

Supporting products for lifting equipments

The supporting products are: beam clamps, stage webbing slings, stage wire rope slings, trolley, etc., which satisfy the installation of fixed lifting points and the connection of hoist hooks and trusses, etc. The new stage wire rope slings, built-in wire ropes, are more safe and reliable

HM-A 360° CHAIN BLOCK



All parts are made of high-quality materials.

Sturdy all-metal shell.

Both the chain guide mechanism and the gear transmission mechanism have shell protection devices.

The lifting sprocket is made of hard material and finishing.

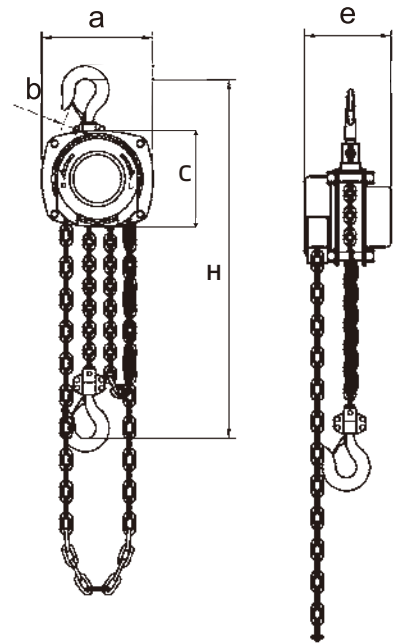
Extremely low headroom size.

Galvanized load chain.

The material of the up and down hooks are anti-aging and made of high-toughness alloy steel.



The hand chain cover can be rotated 360° to increase the operability of the chain hoist



MODEL	CAPACITY (kg)	FORCE OF FULL LOAD (N)	LIFTING HEIGHT (m)	NO.OF FALLS LOAD CHAIN	RUNNING TEST (kg)	LOAD CHAIN DIA (mm)	HAND CHAIN DIA (mm)
HM-A100	1000	305	≥6	1	1500	6	5
HM-A200	2000	360	≥6	1	3000	8	5

MODEL	DIMENSION (mm)					PACKAGE SIZE/ WOODEN BOX (mm)			LOAD CHAIN N.W. (kg/m)	HAND CHAIN G.W. (kg/m)	G.W (kg)
	a	b	c	e	H	L	W	H			
HM-A100	180	28	160	140	360	300	215	285	0.77	0.8	14.5
HM-A200	210	34	190	160	460	320	235	280	1.36	0.9	20.5

HM-B STAGE CHAIN BLOCK



Double pawl and automatic fail-safe brake device are safe and reliable.

Durable friction discs.

Equipped with a uniquely designed chain guide wheel.

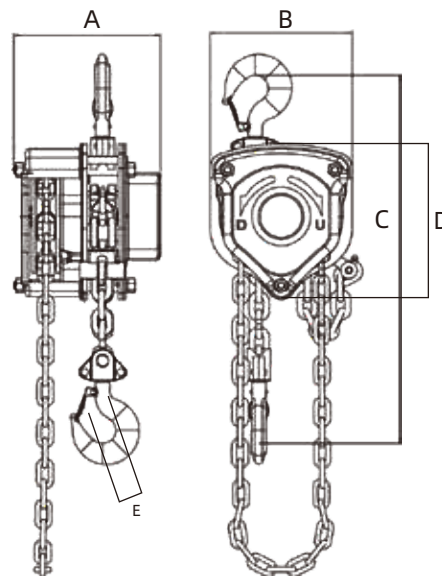
The heat-treated large plate, various gears and long and short shafts have higher strength.

Hooks and chains are quenched and tempered.

The up and down hooks are forged and have safety latch.

The surface is treated with powder paint.

Chain surface galvanized treatment.



MODEL	CAPACITY (kg)	RUNNING TEST LOAD(kg)	LIFTING HEIGHT (m)	LOAD CHAIN DIA (mm)	NO.OF FALLS LOAD CHAIN	DIMENSION (mm)					G.W (kg)
						A	B	C	D	E	
HM-B0.5	500	750	≥6	5	1	130	135	330	135	21	8.4
HM-B1.0	1000	1500	≥6	6.3	1	150	150	360	155	28	12
HM-B1.5	1500	2250	≥6	7.1	1	150	165	380	175	30	16.2
HM-B2.0	2000	3000	≥6	8	1	180	210	420	220	32	20
HM-B3.0	3000	4500	≥6	7.1	2	150	165	500	175	36	24
HM-B5.0	5000	7500	≥6	9	2	180	215	700	230	43	41

HM-D STAGE CHAIN BLOCK



Double pawl and automatic fail-safe brake device are safe and reliable.

Durable friction discs.

Equipped with a uniquely designed chain guide wheel.

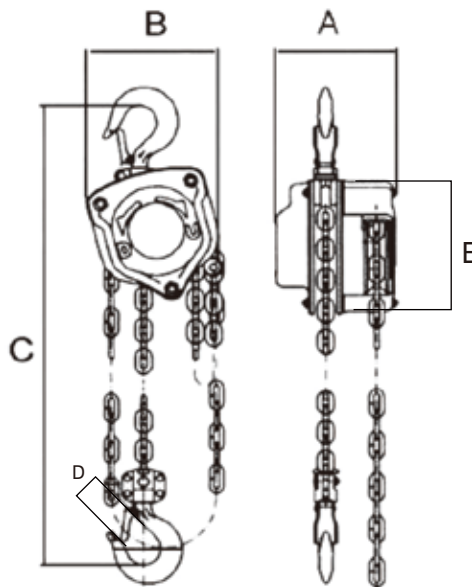
Heat-treated plates, gears, long and short shafts have higher strength

Hooks and chains are quenched and tempered.

The up and down hooks are forged and have safety latch.

The surface is treated with powder paint.

Chain surface galvanized treatment.



MODEL	CAPACITY (kg)	RUNNING TEST LOAD(kg)	LIFTING HEIGHT (m)	LOAD CHAIN DIA (mm)	NO.OF FALLS LOAD CHAIN	DIMENSION (mm)					G.W (kg)
						A	B	C	E	D	
HM-D0.5	500	750	≥6	5	1	130	135	330	135	21	8.4
HM-D1.0	1000	1500	≥6	6.3	1	150	150	360	155	28	12
HM-D1.5	1500	2250	≥6	7.1	1	150	165	380	175	30	16.2
HM-D2.0	2000	3000	≥6	8	1	180	210	420	220	32	20
HM-D3.0	3000	4500	≥6	7.1/9	2/1	150	165	500	175	36	24
HM-D5.0	5000	7500	≥6	9	2	180	215	700	230	43	41

HOIST TROLLEY

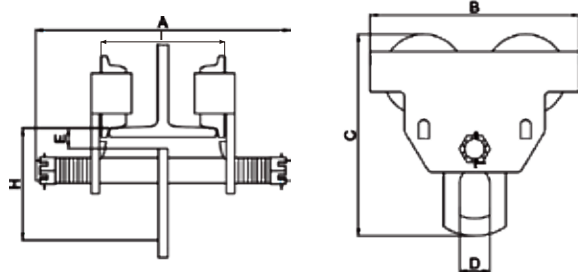


The trolley can be moved easily under load.

A locking device can also be added to realize locking after positioning, which is suitable for manual and electric hoists.

Preset long-lasting lubricating oil, sealed bearings, so that the monorail wheel has excellent mechanical properties.

It can be adjusted for different track widths and slopes.



CAPACITY (kg)	MIN.RADIUS OF CURVE(m)	G.W (kg)	DIMENSION (mm)						
			A	B	C	D	H	E	I
1000	1	12	283	228	216	30	136	30	90-190
2000	1.1	22	302	258	222	32	145	30	100-190
3000	1.3	33	345	310	300	45	170	25	110-240

BEAM CLAMP



Provides a quick and easy accessory for supporting hoist equipment and blocks, utilizing the principle of adjustability the width to have a certain adjustment range.

MODEL	I-BEAM WIDTH (mm)	Minimum cross-sectional width of I-beam (mm)	G.W (kg)
1000	75-230	75	3.8
2000	75-230	75	5
3000	80-320	80	9
5000	90-320	90	11
10000	90-320	90	18

SOFT WEBBING SLING FEATURES



Specifications: 2000kg*2m、2000kg*3m.

Using imported UV, can reduce and resist material aging.

When lifting the goods, the tensile force is evenly distributed to protect the surface of the goods from being damaged.

Moisture resistance, good heat resistance up to 80 degrees.

The material has little distortion, little loss and long service life (100% polyester yarn).

6 times safety factor.

STAGE WIRE ROPE WEBBING SLING FEATURES



Specifications: 2000kg*1m、2000kg*2m、2000kg*3m、2000kg*6m.

The suspenders are made of polyester and have a wire rope inside.

The diameter of the steel wire rope is 15mm, and a whole steel wire goes around 32 times to increase flexibility while ensuring the strength of the sling.

The heat resistance of the sling is up to 150°C.

The safety factor is 5 times when the load capacity is 2000kg.

The minimum bending radius is 6mm.

The window on the surface is convenient for checking the condition of the steel wire.

ELECTRIC HOIST FLIGHT CASE



The concave wheel well can be stacked with two cases.

Specially designed inner partition, stable and docile.

Design the internal structure according to the size of the gourd.

360-degree rotatable universal wheels, easier to carry.

Heavy-duty wheels have a reinforced case cover with diagonal brakes.

Compressed cotton is installed inside the box to effectively protect the surface of the electric hoist by spraying plastic.

The aluminum alloy frame is more durable.

Inline flight case handles.

External built-in cabinet lock, safe and does not take up space.

MODEL	DIMENSION (mm)			G.W (kg)
	L	W	H	
SU-1	545	450	670	23
SU-2	560	530	650	30
HGA8-1	530	565	670	23.5
HGA8-2	700	610	810	35
HMB-1	540	400	390	11
HMB-2	540	500	390	15

ENGINEERING CASES



BEIJING WATER CUBE



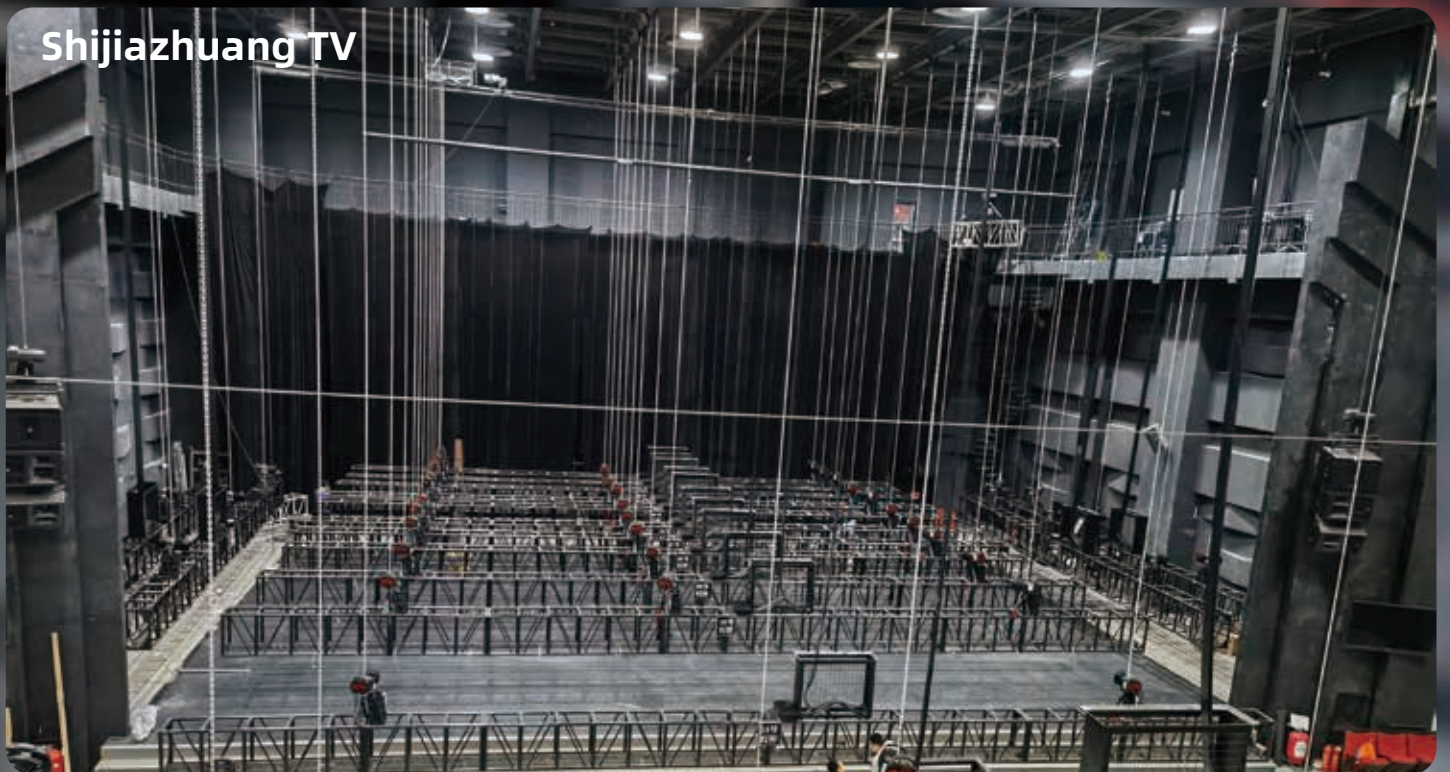
**SHENZHEN 5G APPLICATION
COMPETITION**



ZHEJIANG SATELLITE TV



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SERVING THE SPRING FESTIVAL GALA FOR 4 CONSECUTIVE YEARS

2020-2023



2020 Rat Spring Festival Gala



2021 Ox Spring Festival Gala



2022 Tiger Spring Festival Gala



2023 Rabbit Spring Festival Gala