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YUDEL

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YUDEL

YUDEL SERIES ELECTRIC
CHAIN HOIST



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TAILORED SOLUTIONS

YUDEL Electric chain hoist has been certified by the relevant national authority , Protection class of hoist motor, electric chain hoist and traveling motor device are all Ip55,push button control is with excellent moistureproof & dustproof, Ip65 .



1 Gearbox

Maintenance-free,working-level for M6.
YUDEL electric chain hoist with a rated service life of 1990full load hours.
In practical terms,this means the service life is extended by approx. 20%.the helical gearling inside the gearbox also reduces operating noise and provide smooth operation.

2 Brake

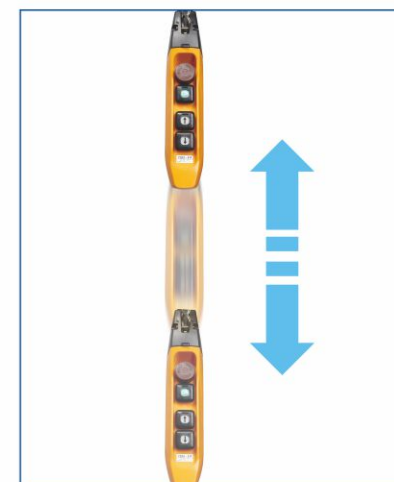
Maintenance-free,because of minimum wear,adjustment is not necessary.The brake is enclosed in enclosed in the electrical panel and provides double protection from the elements

3 Slip clutch

Maintenance-free.Integrated behind the brake in the power drive.it provides reliable protection against overload.Integrated slip clutch monitoring prevents premanent damage to the slip clutch.

4 Height adjustable control pendant cable

The length of the control cable.Therefore,the suspension height of the control pendant canbe infinitely varied for a hook path range of 2-5mand 5-8m.
The excess control cable is accommodated behind the service cover.



5 Control

24V contactor control.operating limit switches (upper/lower).

6 Steel chain

A special Brima chain of high-strength.Hardened age-resistant material.Galvanized and other surface-treatments are available to protect against specific hostile environments.

7 Suspension bracket

YUDEL hoists are supplied with short and long suspension brackets as standard and can always be attached to the super-structure with the optimal connectin.

8 Housing

Robust and lightweight die-cast aluminium housing of compact and modern industrial design.Automotive paint, to provide more long-term protection.



9 Hoist motor

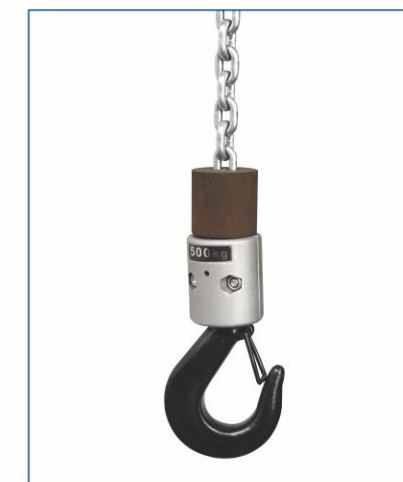
High-performance motor with large safety reserves even at high ambient temperatures and in prolonged operation. Using 2 hoist speed with 1:4 speed ratio and frequency Control to multi-speed requirements.

10 Chain drive

The unit is a complete assembly consisting of the chain and chain guide which facilitates quick and easy replacement of the entire chain drive without having to remove the otor or gear parts. Downtime can therefore be reduced significantly.The chain drive consists of highly wear-resistant materials for long service life.

11 Chain collector box

Suspended from a pivoting connection, is made of tough,flexible and particularly impact-presistant plastic; capacity for up to 8m hook path ,A flexible chain container for chain lengths up to 40m as well as special lengths up to 120m.



12 Bottom block

Comfortable hook device by hand For improved ergonomic handling of the hook. The hook after forging processing to make great-strength, hooks rotate by 360 degrees,a specially designed safety tongue, to ensure safe operation.

HIGHER PERFORMANCE, FASTER

YUDEL electric chain hoist with high performance, high safety reliability advantages. Using a humanized design concept to increase your productivity and make the work to achieve the highest efficiency.

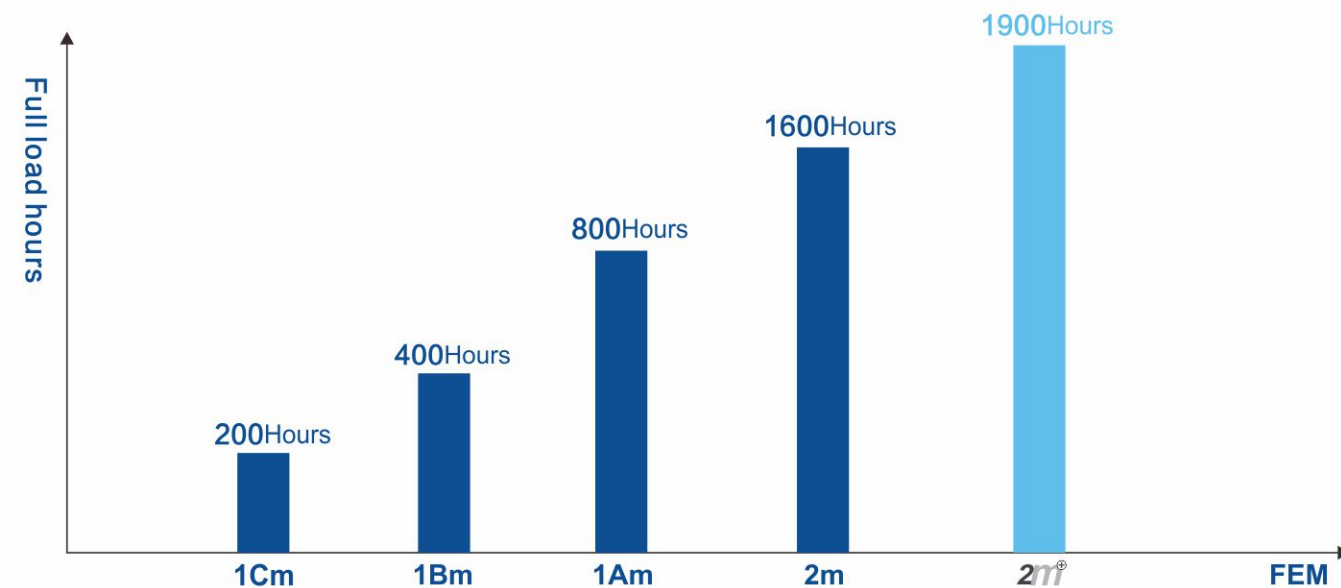
► Sensitive and fast

YUDEL electric chain hoist with flexible action, positioning accuracy. Load stood up quickly and efficiently speed, low speed hoisting load smoothly, accurate positioning.

► Longer service life for greater efficiency

In practical terms, YUDEL electric chain hoist service life is extended by approx. 20% in comparison with the conventional 2m classification for chain hoists FEM rating. This results in significantly prolonged time between service intervals and general overhauls. This extra operating life is only offered by YUDEL electric chain hoist.

► Working life under full load



MAINTENANCE: FAST AND SIMPLE

► YUDEL electric chain hoist, all main drive components, such as gear box, brake and clutch made by a special process, and durable, YUDEL series brake have 5 years free maintenance, YUDEL hoist still has a long working life with high quality even in busy work.

► Because YUDEL electric chain hoist is designed by excellent service idea and necessary maintenance work, can quickly & simply finish works.

► The chain drive of YUDEL electric chain hoist is designed as a compact unit which is slid into place and can be replaced in a minimum of time without the need to disassemble motor or gearbox parts. Long downtimes as a result of maintenance work are now a thing of the past.

► Professional chain guide design

► More smooth and efficient operation

► Chain wear less

► Easy maintenance



Chain Guide



ELECTRIC CHAIN HOIST



► **Basic characteristics**

YUDEL electric chain hoist can be installed to the KBK orbit of standard components

► **Easy test**

All electrical connection to plug in, plug and play universal suspension mechanism,both can used for KBK standard track and can be connected to trolley quickly

► **Humanized design**

Control cable length can be adjusted,control pendant always in the most appropriate location.
Control pendant is humanized design,grip feels comfortable,avoid operation fatigue

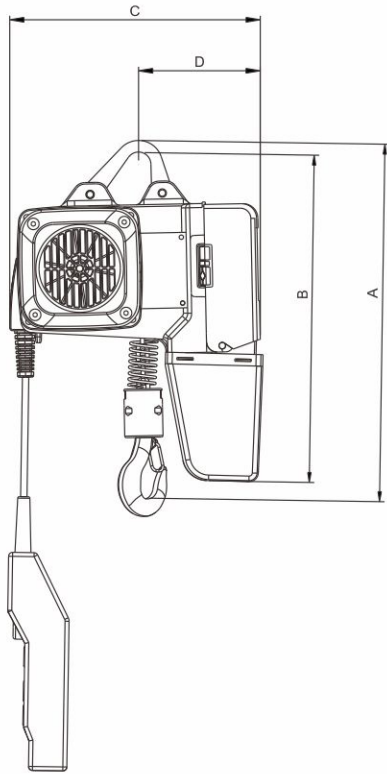
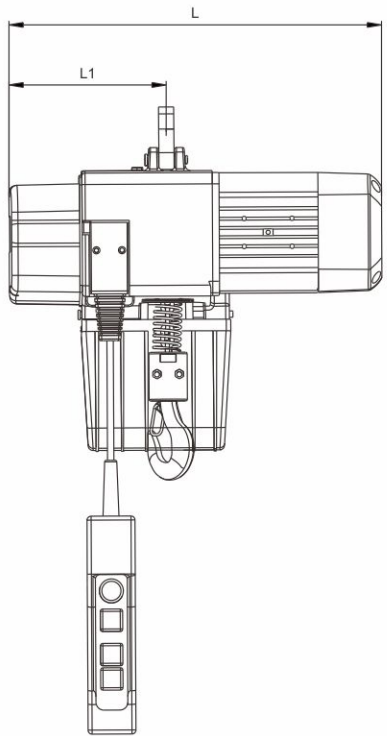
► **Unified maintenance test back cover**

Can be used for electric plug,Control pendant can be high adjusted, the chain lubrication,without having to remove other components, fastly replace chain guide,and reduce downtime

► **Standard double speed motor,higher working efficiency**

24V control voldage is more safe

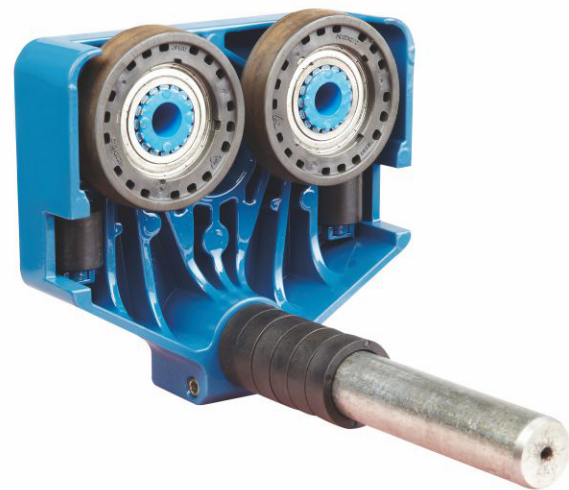
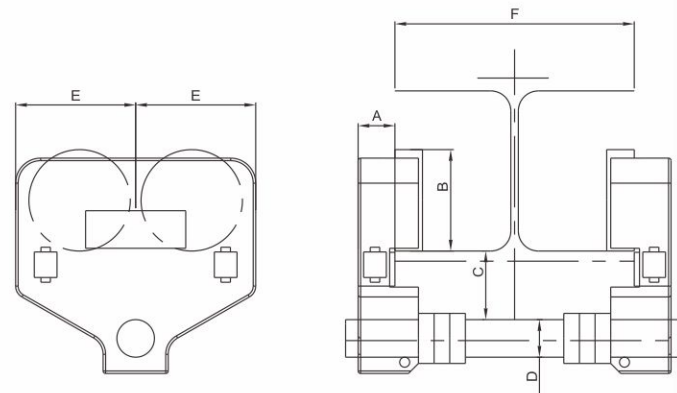
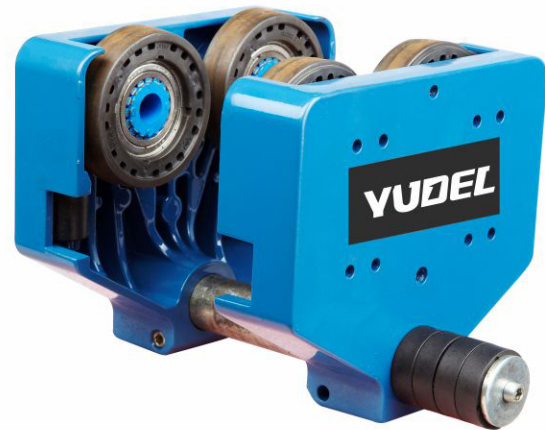
ELECTRIC CHAIN HOIST



Model	Capacity (Ton)	Lifting speed (m/min)	Rotation speed (r/min)	Working power	Control voltage	Chain fall	Working level
YDS0.25-01M	0.25	8/2	2880/720	220V-460V	24V	1/1	M5
YDS 0.5-01M	0.5	8/2	2880/720	220V-460V	24V	1/1	M5
YDS 0.5-02M	0.5	4/1	2880/720	220V-460V	24V	2/1	M5
YDS 01-02M	1	4/1	2880/720	220V-460V	24V	2/1	M5

Model	Chain fall	L (mm)	L1 (mm)	A (mm)	B (mm)	C (mm)	D (mm)
YDS0.25-01M	1/1	425	156	370	420	275	148
YDS 0.5-01M	1/1	467	197	400	450	315	153
YDS 0.5-02M	2/1	425	156	420	420	275	148
YDS 01-02M	2/1	467	197	450	450	315	153

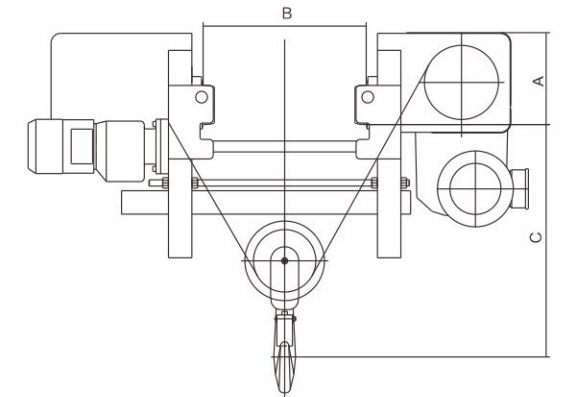
CHAIN ELECTRIC HOIST TROLLEY



- ▶ Aluminum alloy die-casting wallboard with a guide wheel
The wheels can walk in I beams and H beam
- ▶ Adjustment circle design
Installation is simple,fast,within the scope of Wireless flange width adjustment
- ▶ Traveling wheel
High strength & wearable polyamide manufacturing, smooth operation,no noise,less resisance

Model	Capacity(Ton)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
PC-250M	0.25	48	81	55	30	95	100-200
PC-500M	0.5	48	81	55	30	95	100-200

SINGLE BEAM LOW HEADROOM WIRE ROPE HOIST



▶ Compact structure,light weight,cost-effective

Electric wire rope hoist adopt the word's leading technology and components to ensure dfficient performance , At the same time, with compact structure for expanding the scope of the operation ,high utilization , blind area, such as in plant design stage, based on the parameter design of YUDEL products can greatly reduce the height of the building requirements, for customers to save more than 10% of the investment of the plant.

▶ High-performance components are safe and reliable.durable

High quality partsis the basis of excellent product, whether lifting motor, reducer ,drum, cable or electrical units all strive for perfection.

▶ Safe and reliable,easy maintenance

YUDEL product provide multiple security protection function to ensure safe and reliable operation of the crane.

▶ Work efficiently,Improve production efficiency

Standard double speed, improve the efficiency of handling, operation frequency, reduce the load moving precision positioning.

▶ Save operating cost, green energy

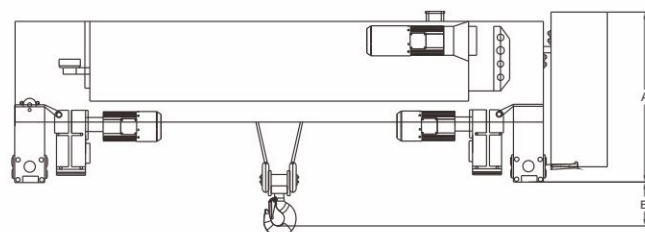
Lightweight, low running total power, compared with the traditional crane , energy saving more than 30%, running noise is better than the national standard , the work environment more quiet

Model	Capacity (Kg)	Working level (FEM/ISO)	Lifting height (m)	Lifting speed (m/min)	Lifting power (Kw)	Traveling speed (m/min)	Traveling power (Kw)	Size A (mm)	Size C (mm)	Beam(mm)
YDH -3.2	3200	2m/M5	6/9/12/15/18	5/0.8	3.2/0.45	5-20	0.37	260	596	150-300
YDH -5.0	5000	2m/M5	6/9/12/15/18	5/0.8	6.1/1	5-20	0.37	260	596	200-350
YDH -6.3	6300	1Am/M4	6/9/12/15/18	5/0.8	6.1/1	5-20	0.37	260	596	200-350
YDH -8.0	8000	2m/M5	6/9/12/15/18	5/0.8	9.5/1.5	5-20	0.75	325	750	200-410
YDH -10	10000	2m/M5	6/9/12/15/18	5/0.8	9.5/1.5	5-20	0.75	325	750	200-410
YDH -12.5	12500	1Am/M4	6/9/12/15/18	4/0.6	12.5/2	5-20	0.75	325	750	200-410

DOUBLE GIRDER WIRE ROPE HOIST



- ▶ Electromagnetic disc brake design without maintenance costs
- ▶ 48V control voltage
- ▶ Limit switch
- ▶ Overload limiter
- ▶ Motor overload protection
- ▶ Trolley operation frequency conversion control, a variety of speed is adjustable
- ▶ Motor protection class is IP55, the insulation class is F
- ▶ Hook group, with preventing safe tongue out
- ▶ Working environment temperature: -20 ~40



Model	Capacity (Kg)	Working level (FEM/ISO)	Lifting height (m)	Lifting speed (m/min)	Lifting power (Kw)	Traveling speed (m/min)	Travelling power (Kw)	Size A (mm)	Size B (mm)	Smin (mm)
YDG-3.2	3200	2m/M5	6	5/0.8	3.2/0.45	5-20	0.25*2	500	420	1000
YDG-3.2	3200	2m/M5	9	5/0.8	3.2/0.45	5-20	0.25*2	500	420	1000
YDG-3.2	3200	2m/M5	12	5/0.8	3.2/0.45	5-20	0.25*2	500	420	1400
YDG-3.2	3200	2m/M5	15	5/0.8	3.2/0.45	5-20	0.25*2	500	420	1400
YDG-3.2	3200	2m/M5	18	5/0.8	3.2/0.45	5-20	0.25*2	500	420	1700
YDG-5.0	5000	2m/M5	6	5/0.8	6.1/1	5-20	0.37*2	529	425	1000
YDG-5.0	5000	2m/M5	9	5/0.8	6.1/1	5-20	0.37*2	529	425	1000
YDG-5.0	5000	2m/M5	12	5/0.8	6.1/1	5-20	0.37*2	529	425	1400
YDG-5.0	5000	2m/M5	15	5/0.8	6.1/1	5-20	0.37*2	529	425	1400
YDG-5.0	5000	2m/M5	18	5/0.8	6.1/1	5-20	0.37*2	529	425	1700
YDG-6.3	6300	1Am/M4	6	5/0.8	6.1/1	5-20	0.37*2	529	425	1000
YDG-6.3	6300	1Am/M4	9	5/0.8	6.1/1	5-20	0.37*2	529	425	1000
YDG-6.3	6300	1Am/M4	12	5/0.8	6.1/1	5-20	0.37*2	529	425	1400
YDG-6.3	6300	1Am/M4	15	5/0.8	6.1/1	5-20	0.37*2	529	425	1400

Model	Capacity (Kg)	Working level (FEM/ISO)	Lifting height (m)	Lifting speed (m/min)	Lifting power (Kw)	Traveling speed (m/min)	Travelling power (Kw)	Size A (mm)	Size B (mm)	Smin (mm)
YDG-6.3	6300	1Am/M4	18	5/0.8	6.1/1	5-20	0.37*2	520	425	1700
YDG-8.0	8000	2m/M5	6	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1000
YDG-8.0	8000	2m/M5	9	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1400
YDG-8.0	8000	2m/M5	12	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1700
YDG-8.0	8000	2m/M5	15	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1700
YDG-8.0	8000	2m/M5	18	5/0.8	9.5/1.5	5-20	0.37*2	550	580	2000
YDG-10	10000	2m/M5	6	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1000
YDG-10	10000	2m/M5	9	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1400
YDG-10	10000	2m/M5	12	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1700
YDG-10	10000	2m/M5	15	5/0.8	9.5/1.5	5-20	0.37*2	550	580	1700
YDG-10	10000	2m/M5	18	5/0.8	9.5/1.5	5-20	0.37*2	550	580	2000
YDG-12.5	12500	1Am/M4	6	5/0.8	12.5/2	5-20	0.55*2	550	580	1000
YDG-12.5	12500	1Am/M4	9	5/0.8	12.5/2	5-20	0.55*2	550	580	1400
YDG-12.5	12500	1Am/M4	12	5/0.8	12.5/2	5-20	0.55*2	550	580	1700
YDG-12.5	12500	1Am/M4	15	5/0.8	12.5/2	5-20	0.55*2	550	580	1700
YDG-12.5	12500	1Am/M4	18	5/0.8	12.5/2	5-20	0.55*2	550	580	2000
YDG-16	16000	2m/M5	6	4/0.6	16/2.6	5-20	0.55*2	720	920	1400
YDG-16	16000	2m/M5	9	4/0.6	16/2.6	5-20	0.55*2	720	920	1400
YDG-16	16000	2m/M5	12	4/0.6	16/2.6	5-20	0.55*2	720	920	1700
YDG-16	16000	2m/M5	15	4/0.6	16/2.6	5-20	0.55*2	720	920	2000
YDG-16	16000	2m/M5	18	4/0.6	16/2.6	5-20	0.55*2	720	920	2400
YDG-20	20000	1Am/M4	6	4/0.6	16/2.6	5-20	0.55*2	720	920	1400
YDG-20	20000	1Am/M4	9	4/0.6	16/2.6	5-20	0.55*2	720	920	1400
YDG-20	20000	1Am/M4	12	4/0.6	16/2.6	5-20	0.55*2	720	920	1700
YDG-20	20000	1Am/M4	15	4/0.6	16/2.6	5-20	0.55*2	720	920	2000
YDG-20	20000	1Am/M4	18	4/0.6	16/2.6	5-20	0.55*2	720	920	2400
YDG-25	25000	3m/M6	6	3.3/0.8	20/5	5-20	0.75*2	950	450	1700
YDG-25	25000	3m/M6	9	3.3/0.8	20/5	5-20	0.75*2	950	450	2000
YDG-25	25000	3m/M6	12	3.3/0.8	20/5	5-20	0.75*2	950	450	2400
YDG-25	25000	3m/M6	15	3.3/0.8	20/5	5-20	0.75*2	950	450	2700
YDG-25	25000	3m/M6	18	3.3/0.8	20/5	5-20	0.75*2	950	450	3100
YDG-32	32000	2m/M5	6	3.3/0.8	20/5	5-20	1.1*2	950	450	1700
YDG-32	32000	2m/M5	9	3.3/0.8	20/5	5-20	1.1*2	950	450	2000
YDG-32	32000	2m/M5	12	3.3/0.8	20/5	5-20	1.1*2	950	450	2400
YDG-32	32000	2m/M5	15	3.3/0.8	20/5	5-20	1.1*2	950	450	2700
YDG-32	32000	2m/M5	18	3.3/0.8	20/5	5-20	1.1*2	950	450	3100