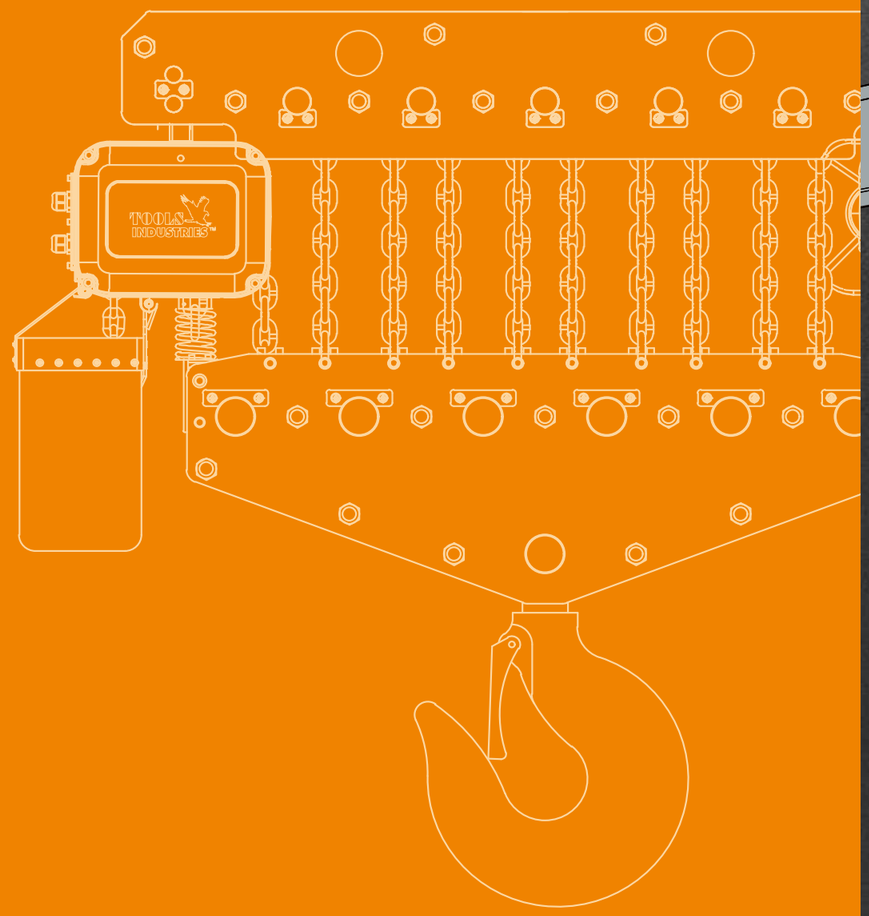


TOOLS INDUSTRIES™

CHONGQING TOOLS INDUSTRIES

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Email: tools@toolsindustries.com Website: www.toolsindustries.com

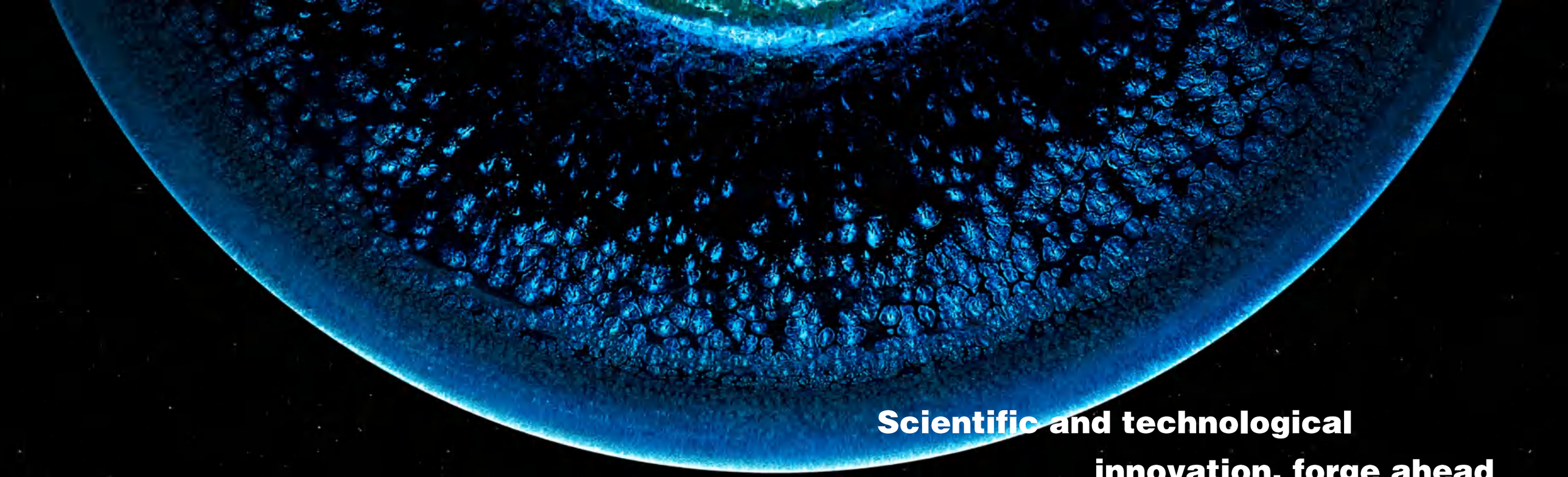
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Scientific and technological innovation, forge ahead

TOOLS INDUSTRIES™

Hoist manufacturer & system integrator

ABOUT US

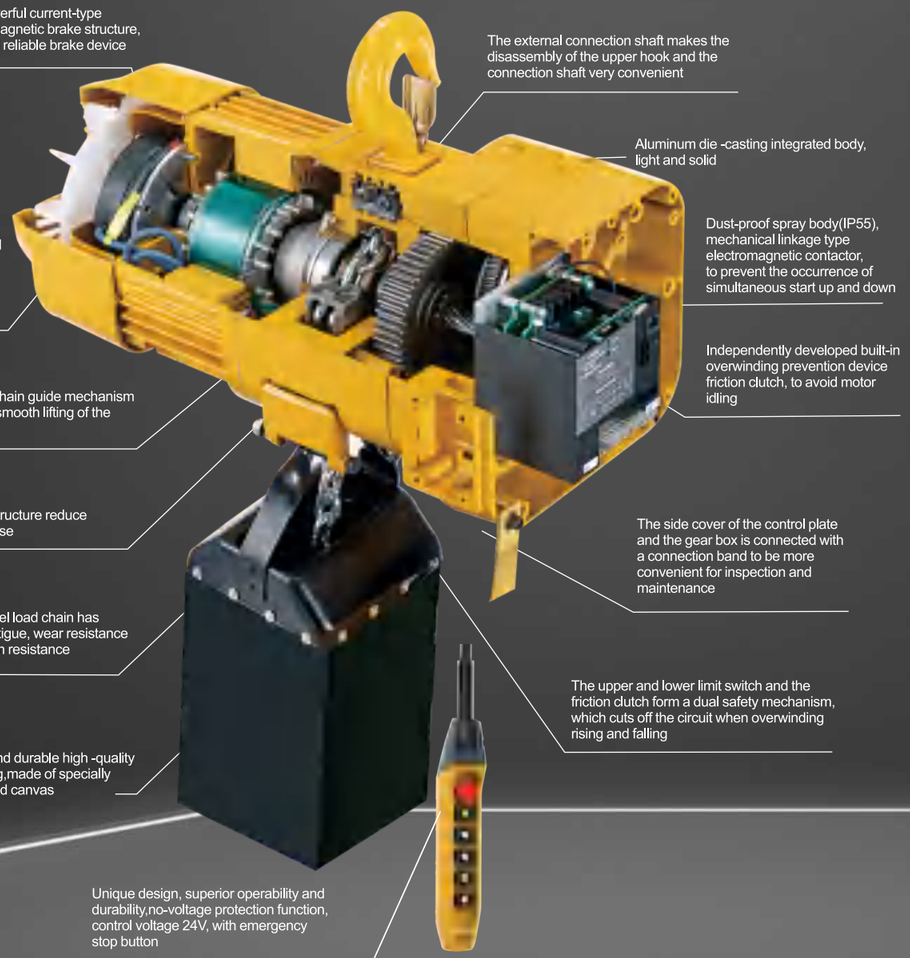
Our company is a manufacturing group specializing in the design, manufacturing and distribution of lifting and material handling tools & equipment as well as various rigging in China. We have directly invested manufacturing base for lifting tools & equipment and co-invested with several domestic factories in the field of chain hoists,textile slings and rigging.We have enlarged investment to develop new items to meet increasing demands from our customers all over the world.

All our products are produced under strict quality control.Most of our Manufacturing Plants are ISO 9001 certified,and most of our products are TUV CE,and GS certified.The constant researching and developing ensure our customers approach the latest products and effective technology service.

Our aim is to provide you the best quality products at the most competitive prices. Our staff members have rich experience in export and have a wealth of knowledge and experience in the field of lifting and lashing and can provide excellent advice and support to ensure you get the right products at the lowest cost.

Our products have been exported to clients throughout the world such as Europe,America,the Middle east,Australia,Southeast Asia,and Africa.We have won good reputation among our customers by providing high quality,safe and reliable products as well as fast and efficient service. We expect a long-term and cooperative relationship with our customers.Any comments or enquiry from customers, you will receive our careful and immediate reply.We welcome customers to visit us and contact us!

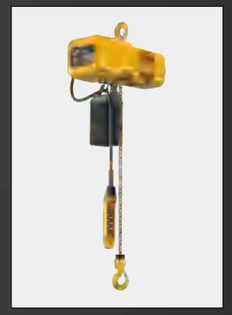
Aesthetic appearance Compact design
Simple operation Easy maintenance



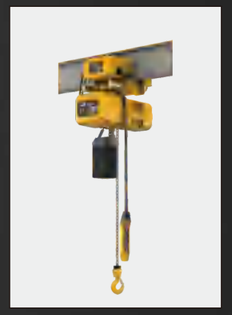
TOOLS INDUSTRIES™

Hoist & lifting system manufacturer
More safe / More high-tech / More intelligent

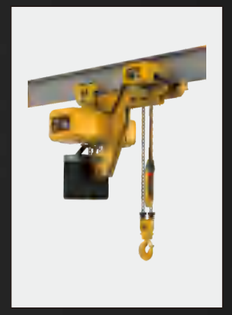
PRODUCT CATEGORY



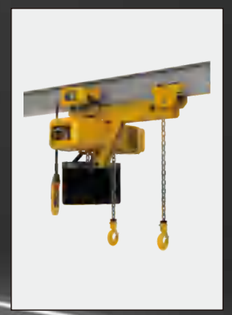
Fixing type



Moving type



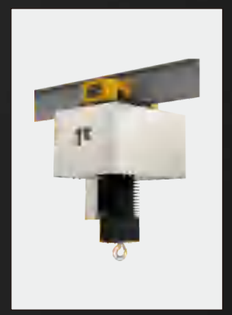
Low clearance type



Double hook type



Large capacity



Clean type

TOOLS INDUSTRIES™ ER standard specification

ER series electric chain hoist

Power supply	Three-phase 380V/50Hz
Operating voltage	24V/36V/48V
Rated value	Single speed: 60%ED
	Double speed: 40/20%ED
Motor insulation grade	Grade F
Grade	M6, M5 and M4
Protection level	IP55 and button control IP65

Operation way	Control operation of ground button
	◎ Hoist Manual trolley ◎ Electric trolley
Power supply way	Cable power supply
Color	Yellow
Adaptive specification	GB specification
Ambient temperature	-20°C~+40°C
Ambient humidity	Below 85%RH

Model

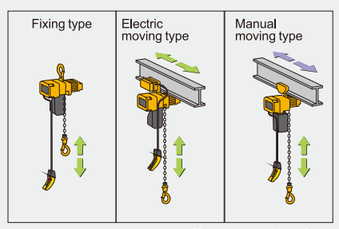
Code of electric chain hoist,electric trolley and manual trolley as follows

Representation example

E R 0 1 - 0 1 S E

Type

「ER」 is the universal representation form of the fixing type, electric moving type and manual moving type



Rated load

Code	Rated load (t)
005	0.5
01	1
015	1.5
02	2
025	2.5
03	3
05	5
075	7.5
100	10
150	15
200	20
250	25
300	30

Qty.of load chain

Code	Pieces
01	1
02	2
03	3
04	4
06	6
08	8
10	10
12	12

Lifting speed

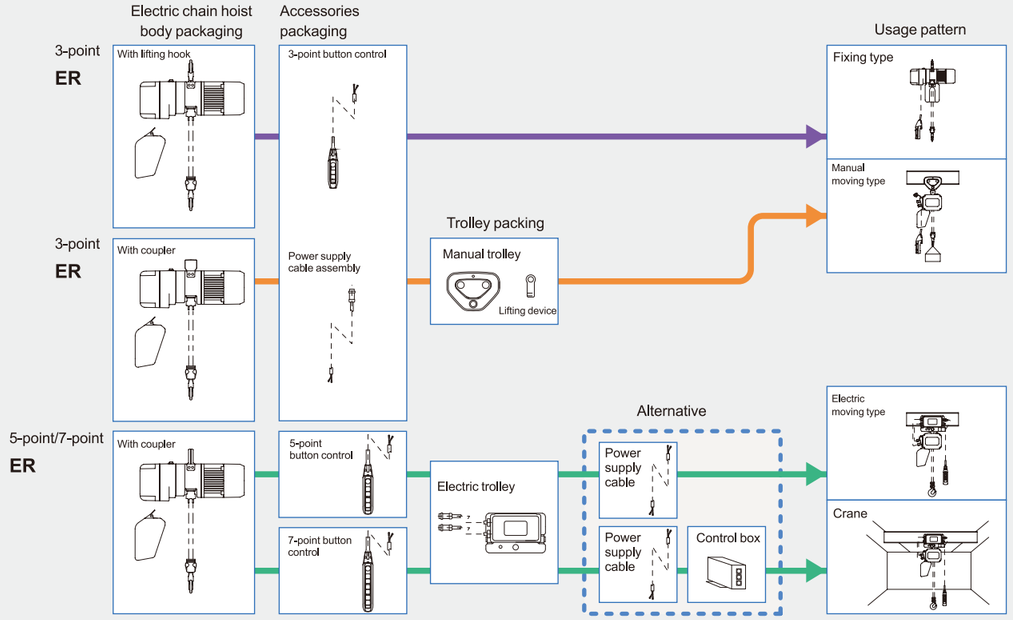
Code	Description
S	Single speed
D	Double speed

Others

Code	Description
F	Fixing type
E	Electric moving type
M	Manual moving type
L	Low clearance
H	Double hook
C	Clean type

Configuration of ER series

In order to reduce the purchase cost of customers under meeting the demand of customers, the following product configuration methods are provided



ER Variable Frequency Double Speed Series Electric Chain Hoist

0.5t–30t

■ Depending on the different loads and the different loading conditions, the demand for electric hoist is also different. Special usage series, unique design,abundant variety, can meet the demand of users in many aspects.



ER Double Speed Fixing Type
●0.5t-7.5t



ER Double Speed Moving Type
●0.5t-5t



ER Double Speed Low Clearance Type
●0.5t-10t



ER Double Speed Moving Type
●7.5t

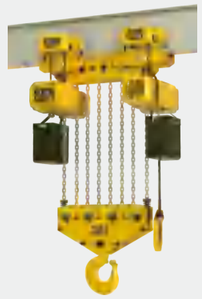
ER Large Capacity Series Electric Chain Hoist

10t–30t

■ Depending on the different loads and the different loading conditions, the demand for electric hoist is also different. Special usage series, unique design,abundant variety, can meet the demand of users in many aspects.



ER Single Speed Fixing Type
●10t-30t



ER Double Speed Moving Type
● 20t



ER Single Speed Moving Type
●10t-30t



ER Double Speed Moving Type
● 30t

ER Single Speed Series Electric Chain Hoist

0.5t–30t

■ Depending on the different loads and the different loading conditions, the demand for electric hoist is also different. Special usage series, unique design,abundant variety, can meet the demand of users in many aspects.



ER Single Speed Fixing Type
●0.5t-7.5t



ER Single Speed Moving Type
●0.5t-5t



ER Single Speed Low Clearance Type
●0.5t-10t



ER Single Speed Moving Type
●7.5t

ER Customized Series Electric Chain Hoist

0.5t–30t

■ Depending on the different loads and the different loading conditions, the demand for electric hoist is also different. Special usage series, unique design,abundant variety, can meet the demand of users in many aspects.



ER Double Hook Type
●0.5t-5t



ER Clean Type Moving Type
●0.5t-30t



ER Clean Type Low Clearance Type
●0.5t-5t

ER Standard configuration

- Variable Frequency Double Speed Type
- Electronic type overload protection
- Friction clutch
- No-load high-speed operation function

Whole machine quality assurance: 18 months
Brake system quality assurance: 24 months

■ Recommended regular inspections are prerequisite
■ Please refer to the quality guarantee in the product package for detailed contents of quality assurance

Please check our website to find more products and service
www.toolsindustries.com

Safe and reliable / Strong and durable / Environmental design



0.5t–30t

Smooth start and stop

Direct connection
type convenient maintenance

ER

Variable Frequency Double Speed Type

ER series

Product features

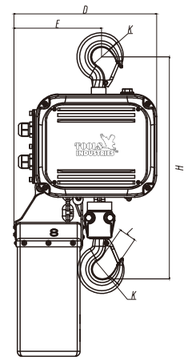
- Compared with variable pole speed regulation, double speed variable frequency speed regulation can reduce the load swing and achieve a more stable lifting operation.
- The low speed ratio can be adjusted, so it can achieve smooth start.
- Improve low speed stop, improve positioning accuracy,
- The lifting ratio can be adjusted to 6:1
- The moving speed ratio can be adjusted to 6:1

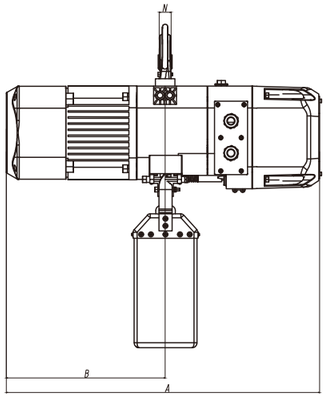
Safe and reliable / Strong and durable / Environmental design

TOOLS INDUSTRIES™

ER Variable Frequency Double Speed (fixing type)







ER 0.5t–7.5t

DIMENSION

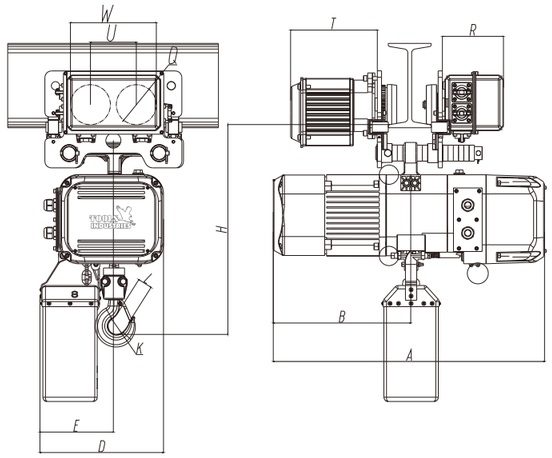
Model	H	A	B	D	E	L	K	N
ER0.5-01DF	410	568	298	276	163	30	35	18
ER01-01DF	460	645	326	293	174	32	40	24.5
ER01-02DF	530	568	298	276	163	32	40	24.5
ER02-01DF	540	780	343	395	248	39	47	30
ER02-02DF	700	620	326	293	174	39	47	30
ER03-01DF	540	780	343	395	248	45	59	35
ER03-02DF	670	780	343	395	248	45	59	35
ER05-02DF	850	780	343	395	248	48	60	40
ER7.5-03DF	1180	780	343	395	248	70	85	55

TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage (v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor (variable frequency)		
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)
ER0.5-01DF	0.5	24 / 36 / 48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	1	F grade	1.5	1440	1.36-8.2
ER01-01DF	1			1		1.5		1.2-7.2
ER01-02DF	1			2		1.5		0.68-4.1
ER1.5-01DF	1.5			1		3.3		1.5-9
ER02-01DF	2			1		3.3		1.2-7.2
ER02-02DF	2			2		1.5		0.6-3.6
ER03-01DF	3			1		3.3		1.8-5.6
ER03-02DF	3			2		3.3		0.75-4.5
ER05-02DF	5			2		3.3		0.55-3.3
ER7.5-03DF	7.5			3		3.3		0.38-2.2

ER Variable Frequency Double Speed (moving type)





ER **0.5t–7.5t**

SIZE SPECIFICATION

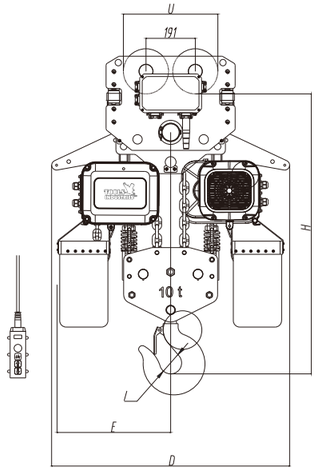
Model	H	A	B	D	E	U	R	T	Q	L	K	N
ER0.5-01DE	443	568	298	276	163	109	142	206	95	30	35	18
ER01-01DE	500	644	326	286	167	109	142	206	95	32	40	24.5
ER01-02DE	475	568	298	276	163	109	142	206	95	32	40	24.5
ER02-01DE	550	780	343	385	248	127	142	206	110	39	47	30
ER02-02DE	660	644	326	286	167	127	142	206	110	39	47	30
ER03-01DE	550	780	343	385	248	127	142	206	125	45	59	35
ER03-02DE	745	780	343	385	248	127	142	206	125	45	59	35
ER05-02DE	770	780	343	385	248	135	142	231	140	48	60	40
ER7.5-03DE	980	780	343	385	248	135	142	231	140	70	85	55

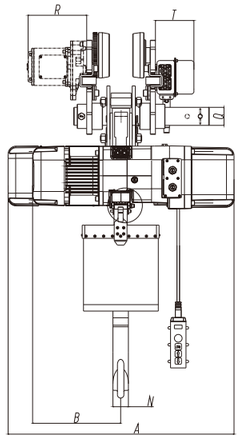
TECHNICAL PARAMETERS

Model	Lifting capacity	Control voltage	Operating voltage	Chain cycle	Motor insulation grade	Hoist motor (variable frequency)			Trolley motor (variable frequency)					
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width (mm)	Wheel diameter (mm)
ER0.5-01DE	0.5	24/36/48	3 Phase, 220V/380V/440V/525V, 50Hz/60Hz	1	F grade	1.5	1440	1.36-8.2	0.4	1440	2-11 or 3-19	1.3	75-178	95
ER01-01DE	1			1		1.5		1.2-7.2	0.4			1.3	75-178	95
ER01-02DE	1			2		1.5		0.68-4.1	0.4			1.3	75-178	95
ER1.5-01DE	1.5			1		3.3		1.5-9	0.4			1.5	82-178	110
ER02-01DE	2			1		3.3		1.2-7.2	0.4			1.5	82-178	110
ER02-02DE	2			2		1.5		0.6-3.6	0.4			1.5	82-178	110
ER03-01DE	3			1		3.3		1.8-5.6	0.4			1.6	100-178	125
ER03-02DE	3			2		3.3		0.75-4.5	0.4			1.6	100-178	125
ER05-02DE	5			2		3.3		0.55-3.3	0.75			1.8	112-178	140
ER7.5-03DE	7.5			3		3.3		0.38-2.2	0.75			1.8	125-178	140

ER Variable Frequency Double Speed Large Capacity (moving type)







ER **10t**

DIMENSION

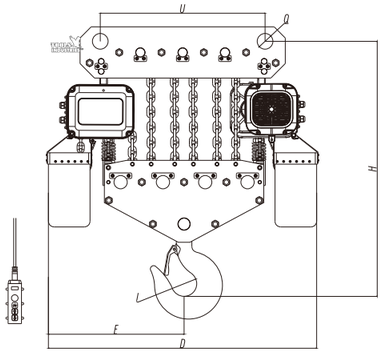
Model	H	A	B	D	E	U	R	T	Q	I	N
ER10-04DE	1100	875	343	922	439	366	142	231	70	85	55

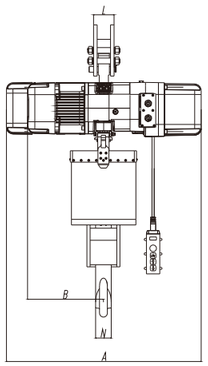
TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage(v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor (variable frequency)			Trolley motor (variable frequency)					
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width (mm)	Wheel diameter (mm)
ER10-04DE	10	24/36/48	3 Phase, 220V/380V/440V/525V, 50Hz/60Hz	4	F grade	2*3.3	1440	0.55-3.3	0.75	1440	2-11 or 3-19	2.2	150-220	175

ER Variable Frequency Double Speed Large Capacity (fixing type)







ER 10t–30t

DIMENSION

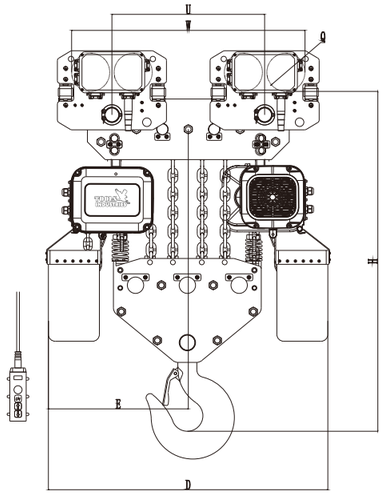
Model	H	A	B	D	E	U	Q	I	N	L
ER10-04DF	940	875	343	880	440	366	φ70.5	φ85	55	85
ER15-06DF	1160	875	343	1025	513	560	φ54.5	φ114	70	88
ER20-08DF	1150	875	343	1205	603	740	φ70.5	φ114	70	92
ER25-10DF	1280	875	343	1400	705	930	φ70.5	φ130	80	92
ER30-12DF	1200	875	343	1615	830	570	φ70.5	φ130	80	92

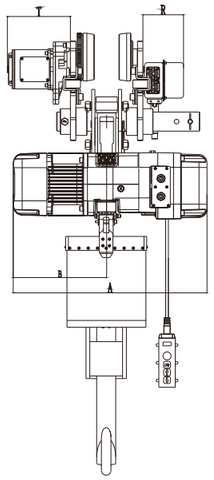
TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage (v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor (variable frequency)		
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)
ER-10-04DF	10	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	4	F grade	2*3.3	1440	0.55-3.3
ER15-06DF	15			6		2*3.3		0.38-2.2
ER20-08DF	20			8		2*3.3		0.28-1.6
ER25-10DF	25			10		2*3.3		0.22-1.3
ER30-12DF	30			12		2*3.3		0.18-1.1

ER Variable Frequency Double Speed Large Capacity (moving type)







ER 15t–30t

DIMENSION

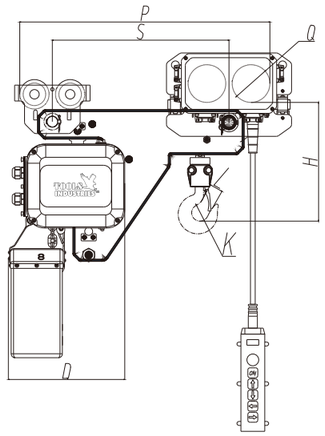
Model	H	A	B	D	E	W	U	R	T	Q	L	K	N
ER15-06DE	1250	875	343	1025	513	856	560	142	231	140	93	114	70
ER20-08DE	1300	875	343	1205	603	1106	740	142	231	175	93	114	70
ER25-10DE	1430	875	343	1395	704	1280	930	142	231	175	107	130	80
ER30-12DE	1350	875	343	1615	827	936	570	142	231	175	107	130	80

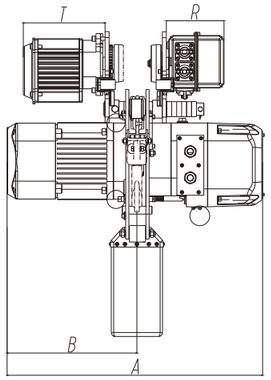
TECHNICAL PARAMETERS

Model	Lifting capacity	Control voltage	Operating voltage	Chain cycle	Motor insulation grade	Hoist motor (variable frequency)			Trolley motor (variable frequency)					
						Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Turning radius (mm)	H-section steel (mm)	Wheel diameter (mm)
ER15-06DE	15	24/36/48	3 Phase, 220V/380V/ 440V/ 525V, 50Hz/ 60Hz	6	F grade	2*3.3	1440	0.38-2.2	2*0.75	1440	2-11 or 3-19	customized	150-220	140
ER20-08DE	20			8		2*3.3		0.28-1.6	2*0.75				150-220	175
ER25-10DE	25			10		2*3.3		0.22-1.3	2*0.75				150-220	175
ER30-12DE	30			12		2*3.3		0.18-1.1	2*0.75				150-220	175

ER Variable Frequency Double Speed (low clearance type)







ER 0.5t–10t

SIZE SPECIFICATION

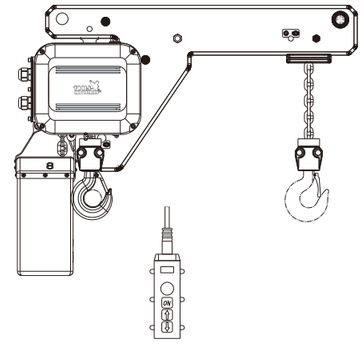
Model	H	A	B	D	P	S	R	T	Q	L	K	N
ER0.5-01DL	340	568	298	276	585	400	142	206	95	30	35	18
ER01-01DL	380	620	326	293	630	445	142	206	95	32	40	24.5
ER01-02DL	410	568	298	276	585	400	142	206	95	32	40	24.5
ER02-01DL	450	780	343	385	720	505	142	206	110	39	47	30
ER02-02DL	455	620	326	293	665	444.5	142	206	110	39	47	30
ER03-01DL	500	780	343	385	775	526	142	206	125	45	59	35
ER03-02DL	585	780	343	385	750	503	142	206	125	45	59	35
ER05-02DL	640	780	343	385	825	541	142	231	140	48	60	40
ER7.5-03DL	790	780	343	385	1041	751	142	231	140	70	85	55
ER10-04DL	800	780	343	385	901	605	142	231	175	70.5	85	55

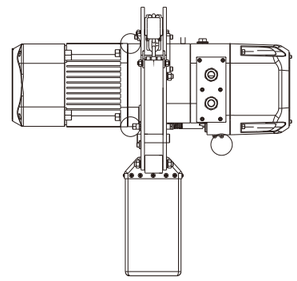
TECHNICAL PARAMETERS

Model	Lifting capacity	Control voltage	Operating voltage	Chain cycle	Motor insulation grade	Hoist motor (variable frequency)			Trolley motor (variable frequency)					
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width (mm)	Wheel diameter (mm)
ER0.5-01DL	0.5	24/36/48	3 Phase, 220V/380 V/440V/ 525V, 50Hz/ 60Hz	1	F grade	1.5	1440	1.36-8.2	0.4	1440	2-11 or 3-19	1.3	75-178	95
ER01-01DL	1			1		1.5		1.2-7.2	0.4			1.3	75-178	95
ER01-02DL	1			2		1.5		0.68-4.1	0.4			1.3	75-178	95
ER1.5-01DL	1.5			1		3.3		1.5-9	0.4			1.5	82-178	110
ER02-01DL	2			1		3.3		1.2-7.2	0.4			1.5	82-178	110
ER02-02DL	2			2		1.5		0.6-3.6	0.4			1.5	82-178	110
ER03-01DL	3			1		3.3		1.4-5.6	0.4			1.6	100-178	125
ER03-02DL	3			2		3.3		0.75-4.5	0.4			1.6	100-178	125
ER05-02DL	5			2		3.3		0.55-3.3	0.75			1.8	112-178	140
ER7.5-03DL	7.5			3		3.3		0.38-2.2	0.75			1.8	125-178	140
ER10-04DL	10			4		2*3.3		0.55-3.3	0.75			2.2	150-220	175

ER Variable Frequency Double Speed (double hook type)







ER 0.5t–5t

TECHNICAL PARAMETERS

Model	Lifting capacity	Control voltage	Operating voltage	Chain cycle	Motor insulation grade	Hoist motor (variable frequency)			Trolley motor (variable frequency)				
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	I-beam width (mm)	Wheel diameter (mm)
ER0.5-01DH	0.5	24/36/48	3 Phase, 220V/380 V/440V/ 525V, 50Hz/ 60Hz	2	F grade	1.5	1440	1.36-8.2	0.4	1440	2-11 or 3-19	75-178	95
ER01-01DH	1			2		1.5		1.2-7.2	0.4			75-178	95
ER01-02DH	1			4		1.5		0.68-4.1	0.4			75-178	95
ER1.5-01DH	1.5			2		3.3		1.5-9	0.4			82-178	110
ER02-01DH	2			2		3.3		1.2-7.2	0.4			82-178	110
ER02-02DH	2			4		1.5		0.6-3.6	0.4			82-178	110
ER03-01DH	3			2		3.3		1.4-5.6	0.4			100-178	125
ER03-02DH	3			4		3.3		0.75-4.5	0.4			100-178	125
ER05-02DH	5			4		3.3		0.55-2.8	0.75			112-178	140



0.5t–30t

Smooth start and stop

Direct connection type
convenient maintenance

ER
Single Speed Type

ER series
Product features

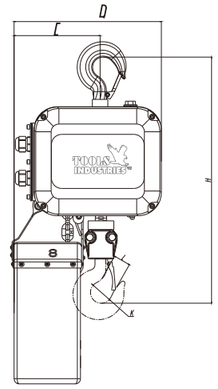
- Aesthetic appearance
- Compact design
- Simple operation
- Easy maintenance
- The motor is more powerful
- Lifting speed is more fast

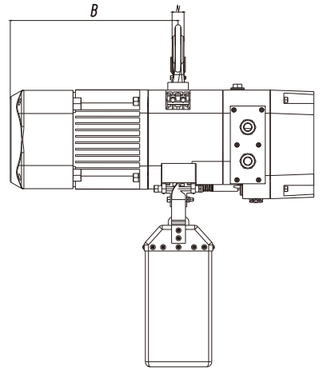
Safe and reliable / Strong and durable / Environmental design

TOOLS INDUSTRIES™

ER Single Speed Type (fixing type)







ER 0.5t–7.5t

DIMENSION

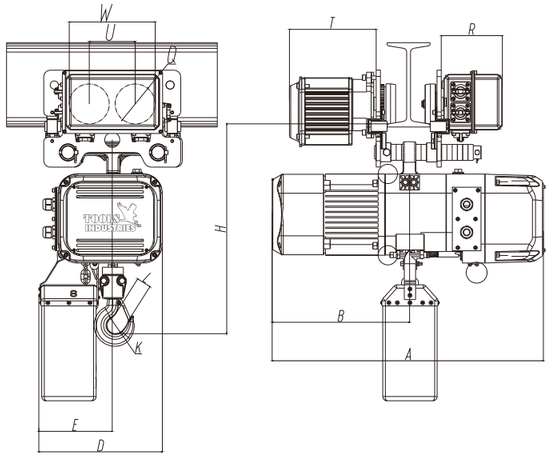
Model	H	A	B	D	E	L	K	N
ER0.5-01SF	410	568	298	276	163	30	35	18
ER01-01SF	460	645	326	293	174	32	40	24.5
ER01-02SF	530	568	298	276	163	32	40	24.5
ER02-01SF	540	710	343	395	248	39	47	30
ER02-02SF	700	620	326	293	174	39	47	30
ER2.5-01SF	540	710	343	395	248	45	59	35
ER03-02SF	670	710	343	395	248	45	59	35
ER05-02SF	850	710	343	395	248	48	60	40
ER7.5-03SF	1180	710	343	395	248	70	85	55

TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage (v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor		
						Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)
ER0.5-01SF	0.5	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	1	F grade	1.5	1440	8.2
ER01-01SF	1			1		1.5		7.2
ER01-02SF	1			2		1.5		4.1
ER1.5-01SF	1.5			1		3.3		9
ER02-01SF	2			1		3.3		7.2
ER02-02SF	2			2		1.5		3.6
ER03-01SF	3			1		3.3		5.6
ER03-02SF	3			2		3.3		4.5
ER05-02SF	5			2		3.3		3.3
ER7.5-03SF	7.5			3		3.3		2.2

ER Single Speed Type (moving type)





ER 0.5t–7.5t

SIZE SPECIFICATION

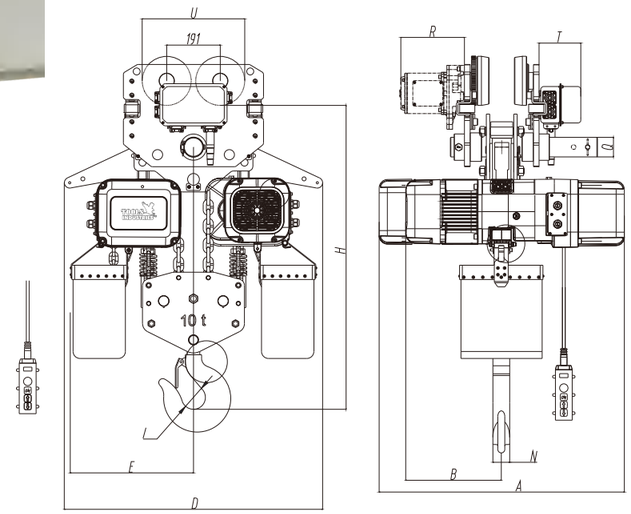
Model	H	A	B	D	E	U	R	T	Q	L	K	N
ER0.5-01SE	443	568	298	276	163	109	142	206	95	30	35	18
ER01-01SE	500	645	326	293	174	109	142	206	95	32	40	24.5
ER01-02SE	475	568	298	276	163	109	142	206	95	32	40	24.5
ER02-01SE	550	740	343	395	248	127	142	206	110	39	47	30
ER02-02SE	660	645	326	293	174	127	142	206	110	39	47	30
ER2.5-01SE	550	740	343	395	248	127	142	206	125	45	59	35
ER03-02SE	745	740	343	395	248	127	142	206	125	45	59	35
ER05-02SE	770	740	343	395	248	135	142	231	140	48	60	40
ER7.5-03SE	980	740	343	395	248	135	142	231	140	70	85	55

TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage (v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor			Trolley motor					
						Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Turning radius (mm)	H-section steel (mm)	Wheel diameter (mm)
ER0.5-01SE	0.5	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	1	F grade	1.5	1440	8.2	0.4	1440	11or19	1.3	75-178	95
ER01-01SE	1			1		1.5		7.2	0.4			1.3	75-178	95
ER01-02SE	1			2		1.5		4.1	0.4			1.3	75-178	95
ER1.5-01SE	1.5			1		3.3		9	0.4			1.5	82-178	110
ER02-01SE	2			1		3.3		7.2	0.4			1.5	82-178	110
ER02-02SE	2			2		1.5		3.6	0.4			1.5	82-178	110
ER03-01SE	3			1		3.3		5.6	0.4			1.6	100-178	125
ER03-02SE	3			2		3.3		4.5	0.4			1.6	100-178	125
ER05-02SE	5			2		3.3		3.3	0.75			1.8	112-178	140
ER7.5-03SE	7.5			3		3.3		2.2	0.75			1.8	125-178	140

ER Single Speed Large Capacity (moving type)





ER 10t

DIMENSION

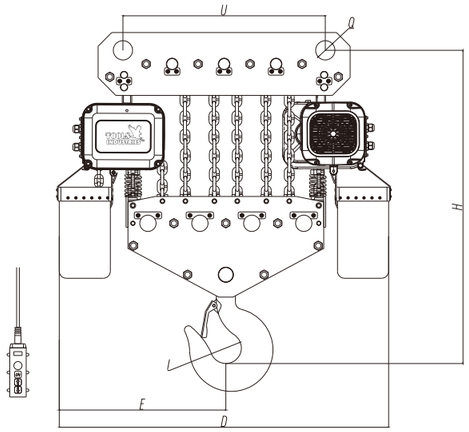
Model	H	A	B	D	E	U	R	T	Q	I	N
ER10-04SE	1100	740	368	922	439	366	231	142	175	85	55

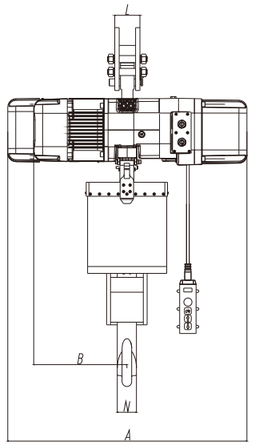
TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage(v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor			Trolley motor					
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width (mm)	Wheel diameter (mm)
ER10-04SE	10	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	4	F grade	2*3.3	1440	3.3	0.75	1440	11or19	2.2	150-220	175

ER Single Speed Large Capacity (fixing type)







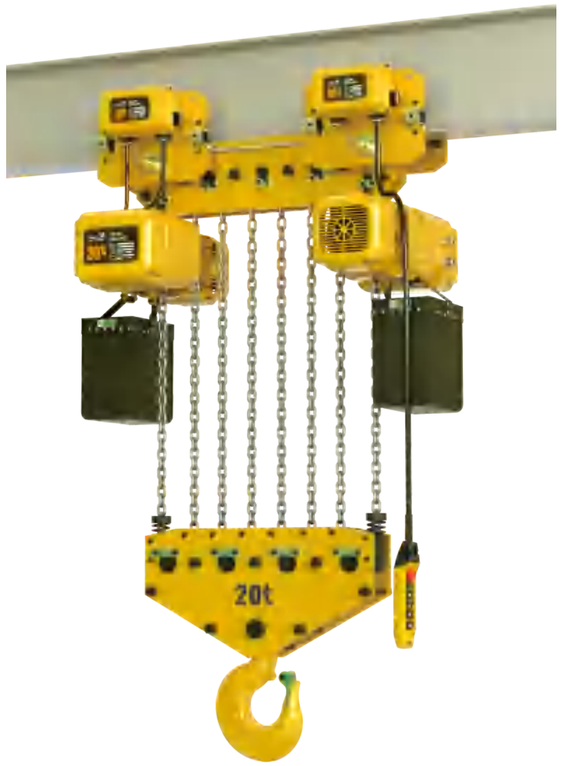
ER 10t–30t

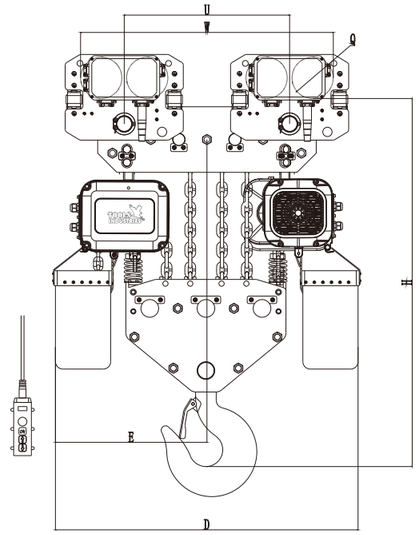
SIZE SPECIFICATION

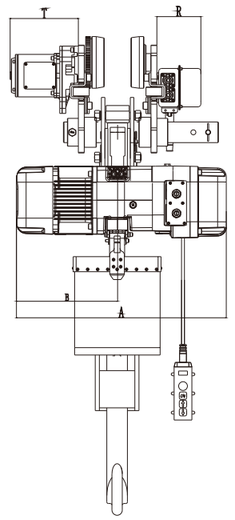
Model	H	A	B	D	E	U	Q	I	N	L
ER10-04SF	1100	740	368	880	439	366	70.5	85	55	85
ER15-06SF	1160	740	368	1025	513	560	54.5	114	70	88
ER20-08SF	1150	740	368	1224	612	740	70.5	114	70	92
ER25-10SF	1280	740	368	1400	705	930	70.5	130	80	92
ER30-12SF	1200	740	368	1615	830	570	70.5	130	80	92

Model	Lifting capacity(t)	Control voltage (v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor (variable frequency)		
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)
ER10-04SF	10	24 / 36 / 48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	4	F grade	2*3.3	1440	3.3
ER15-06SF	15			6		2*3.3		2.2
ER20-08SF	20			8		2*3.3		1.6
ER25-10SF	25			10		2*3.3		1.3
ER30-12SF	30			12		2*3.3		1.1

ER Single Speed Large Capacity (moving type)







ER 15t–30t

SIZE SPECIFICATION

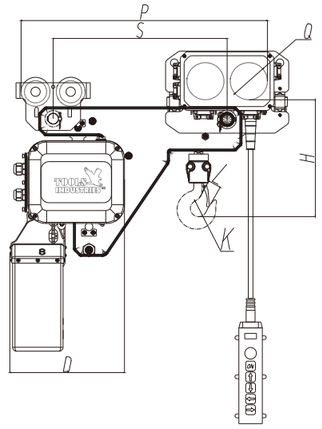
Model	H	A	B	D	E	W	U	R	T	Q	L	K	N
ER15-06SE	1250	710	343	1025	513	856	560	142	231	140	93	114	70
ER20-08SE	1300	710	343	1205	603	1106	740	142	231	175	93	114	70
ER25-10SE	1430	710	343	1395	704	1280	930	142	231	175	107	130	80
ER30-12SE	1350	710	343	1615	827	936	570	142	231	175	107	130	80

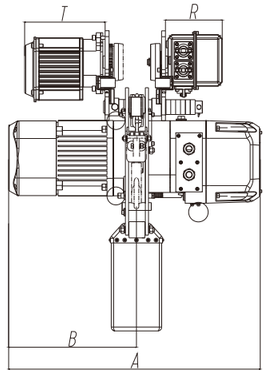
TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage(v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor (variable frequency)			Running motor (variable frequency)					
						Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Turning radius (mm)	H-section steel (mm)	Wheel diameter (mm)
ER15-06SE	15	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	6	F grade	2×3.3	1440	2.2	2×0.75	1440	11or19	customized	customized	150-220
ER20-08SE	20			8		2×3.3		1.6	2×0.75					150-220
ER25-10SE	25			10		2×3.3		1.3	2×0.75					150-220
ER30-12SE	30			12		2×3.3		1.1	2×0.75					150-220

ER Single Speed Type (low clearance type)







ER 0.5t–10t

DIMENSION

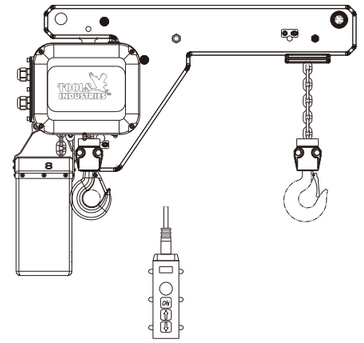
Model	H	A	B	D	P	S	R	T	Q	L	K	N
ER0.5-01SL	340	568	298	276	585	400	142	206	95	30	35	18
ER01-01SL	380	620	326	293	630	445	142	206	95	32	40	24.5
ER01-02SL	410	568	298	276	585	400	142	206	95	32	40	24.5
ER02-01SL	450	710	343	385	720	505	142	206	110	39	47	30
ER02-02SL	455	620	326	293	665	444.5	142	206	110	39	47	30
ER03-01SL	500	710	343	385	775	526	142	206	125	45	59	35
ER03-02SL	585	710	343	385	750	503	142	206	125	45	59	35
ER05-02SL	640	710	343	385	825	541	142	231	140	48	60	40
ER7.5-03SL	790	710	343	385	1041	751	142	231	140	70	85	55
ER10-04SL	800	710	343	385	901	605	142	231	175	70.5	85	55

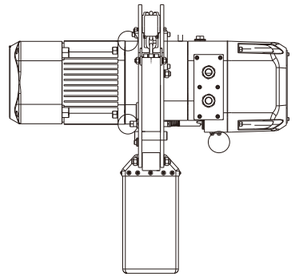
TECHNICAL PARAMETERS

Model	Lifting capacity(t)	Control voltage(v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor			Trolley motor					
						Power (Kw)	Rotate speed (r/min)	Lifting speed (m/min)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width (mm)	Wheel diameter (mm)
ER0.5-01SL	0.5	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	1	F grade	1.5	1440	8.2	0.4	1440	11or19	1.3	75-178	95
ER01-01SL	1			1		1.5		7.2	0.4			1.3	75-178	95
ER01-02SL	1			2		1.5		4.1	0.4			1.3	75-178	95
ER1.5-01SL	1.5			1		3.3		9	0.4			1.5	82-178	110
ER02-01SL	2			1		3.3		7.2	0.4			1.5	82-178	110
ER02-02SL	2			2		1.5		3.6	0.4			1.5	82-178	110
ER03-01SL	3			1		3.3		5.6	0.4			1.6	100-178	125
ER03-02SL	3			2		3.3		4.5	0.4			1.6	100-178	125
ER05-02SL	5			2		3.3		3.3	0.75			1.8	112-178	140
ER7.5-03SL	7.5			3		3.3		2.2	0.75			1.8	125-178	140
ER10-04SL	10			4		2*3.3		3.3	0.75			2.2	150-220	175

ER Single Speed Type (double hook type)







ER 0.5t–5t

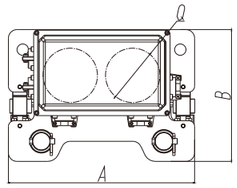
Model	Lifting capacity(t)	Control voltage(v)	Power supply	NO.of load chain	Motor insulation grade	Hoist motor			Running motor				
						Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	Power (Kw)	Rotational speed (r/min)	Hoisting speed (m)	H-section steel (mm)	Wheel diameter (mm)
ER0.5-01SH	0.5	24/36/48	3 Phase, 220V/380V/ 440V/525V, 50Hz/60Hz	2	F grade	1.5	1440	8.2	0.4	1440	11or19	75-178	95
ER01-01SH	1			2		1.5		7.2	0.4			75-178	95
ER01-02SH	1			4		1.5		4.1	0.4			75-178	95
ER1.5-01SH	1.5			2		3.3		9	0.4			82-178	110
ER02-01SH	2			2		3.3		7.2	0.4			82-178	110
ER02-02SH	2			4		1.5		3.6	0.4			82-178	110
ER03-01SH	3			2		3.3		5.6	0.4			100-178	125
ER03-02SH	3			4		3.3		4.5	0.4			100-178	125
ER05-02SH	5			4		3.3		2.8	0.75			112-178	140

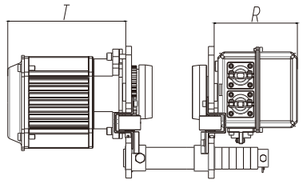
TOOLS INDUSTRIES™

ER Electric Trolley







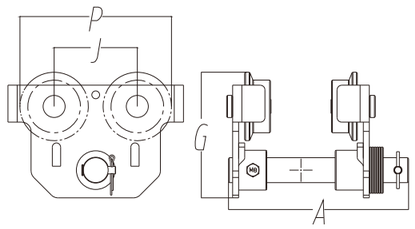


Model	Capacity(T)	Dimension(mm)					Speed(m/min)		Motor power (kW)	Turning radius(m)
		A	B	R	T	Q	Single	Double		
ET-01	1	325	230	206	142	95	11 or19	2-11 Or 3-19	0.4	0.8
ET-1.5	1.5	375	245	206	142	110			0.4	0.9
ET-02	2	375	245	206	142	110			0.4	0.9
ET-2.5	2.5	400	250	206	142	125			0.4	1.0
ET-03	3	400	250	206	142	125			0.75	1.0
ET-05	5	420	290	231	142	140			0.75	1.5
ET-7.5	7.5	420	290	231	142	140			0.75	1.8
ET-10	10	500	371	231	142	175			0.75	2.0

TOOLS INDUSTRIES™

ER Manual Trolley





Model	Capacity(T)	Dimension(mm)				Turning radius(m)
		A	G	P	J	
MT-0.5	0.5	200	130	163	91	0.6
MT -01	1	200	170	221	115	1.0
MT -02	2	218	205	265	138	1.0
MT -03	3	275	236	305	157	1.2
MT -05	5	275	280	332	178	1.6



ER

Dust-free Clean Type Electric Chain Hoist

0.5t–30t

- Smooth start and stop
- Direct connection type convenient maintenance
- Stainless steel case

Application of clean lifting system

The clean lifting system integrates various aspects of technology, construction, decoration, equipment, automation, etc., mainly to meet the demand of production environment and quality in electronics, pharmaceutical, bioengineering, medical, laboratory and other fields.Compared with the material lifting system used in other industries, the clean lifting system for clean room has the main characteristics of clean, wear-resistant, low failure rate, wide range of speed regulation, and accurate positioning.Therefore, the clean room special clean lifting system is a necessary condition to ensure the mass production in industries with high environmental requirements such as LCD panels, photovoltaics, microelectronics, semiconductors, and medicine.









Safe and reliable / Strong and durable / Environmental design



STL series
ELECTRIC CHAIN HOIST

TOOLS INDUSTRIES

Crane manufacturer & system integrator

Safer/ more scientific and technological/ more intelligent



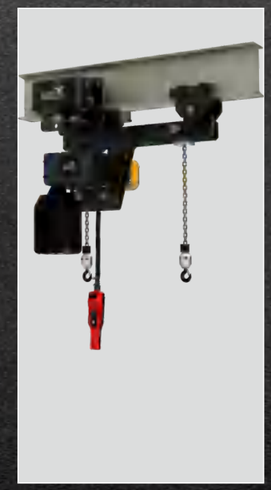
Manual moving type



Electric moving type



Low clearance type



Double hook type

STL

Basic characteristics of series ring chain electric hoist

- A wide product range,lifting load 0.125T-6.3T, different configurations are available
- The chain guide seat, hook, lifting board and other interfaces for different applications
- New hanging structure design is convenient for inspection and maintenance of load sheave
- The shell is made of high strength aluminum alloy, light weight and small volume
- Modular design, production, installation, simple and fast maintenance

Motor
Motor performance conform to JB/5317 and European standard
Equipped with a powerful electric fan cooling system
Motor insulation grade F
Protection grade IP55
Low temperature motor,long service life

Brake
Braking system conform to CE standard, the friction plate is made of imported materials without asbestos, in line with JB/5317 and European standards.
The brake spring is treated with special technology, long service life.
Brake coil suction is powerful and reliable

Overload friction clutch and gearbox
Mechincal overload safety clutch is installed in reduction gear box to ensure the stable and reliable load limit weight

Control system
Safe voltage control with reliable up and down limits for safer operation

TOOLS INDUSTRIES™

Chain drive
Load sheave adopts a design of five holes and above, making the whole transmission more stable and reducing the chain steering abrasion

Chain
Load chain is high-strength carburized chain, 5 times safety factor, wear resistance

Surface treatment
The shell is sprayed with plastic powder, and there is also special anti -corrosion treatment according to the environmental requirements of special occasions

Chain case
plastic chain box, high-strength polyester chain bag and iron chain box can be selected according to different lifting height

Matching table

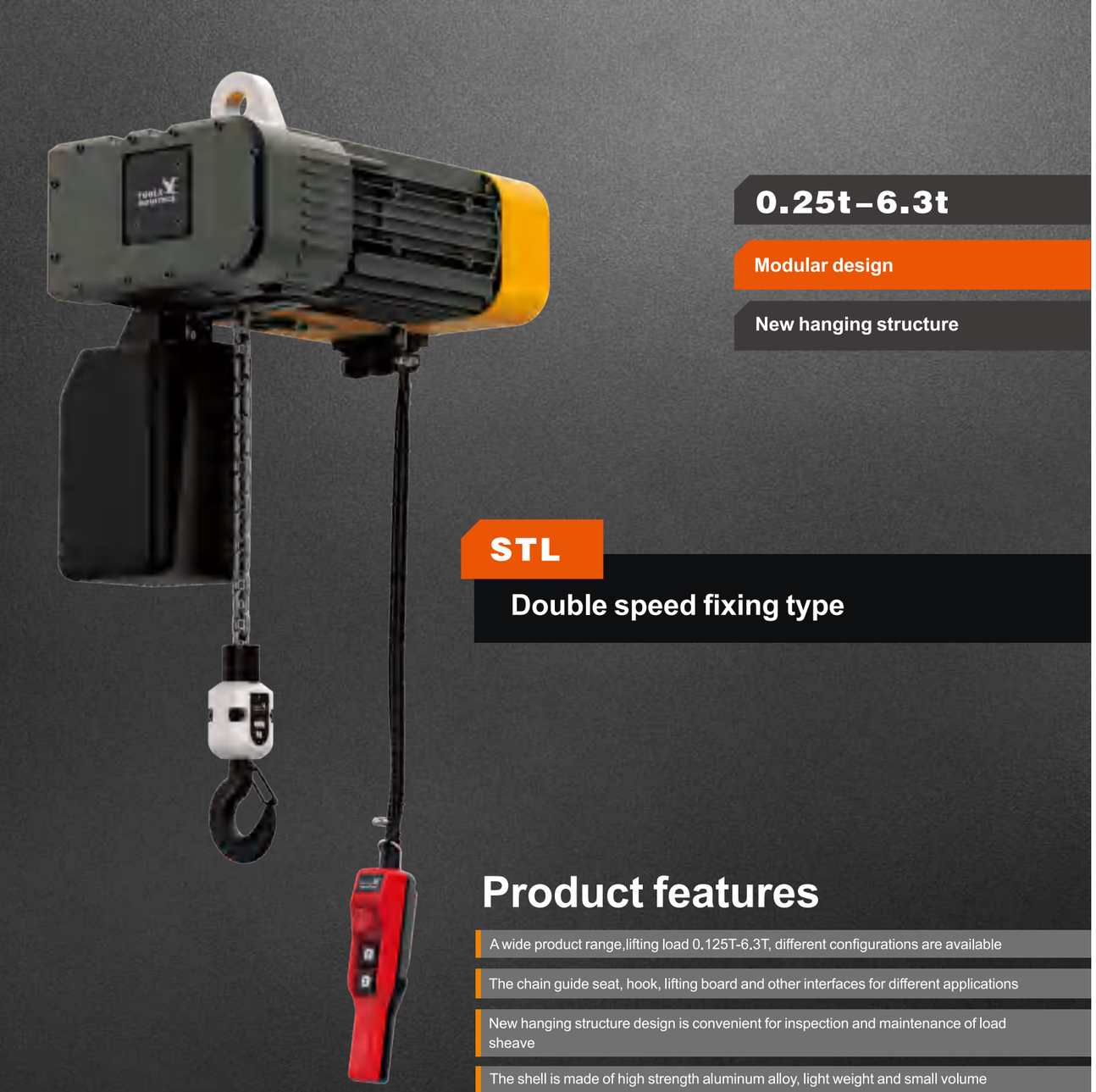
■ Standard configuration ■ Optional The standard configuration is only 1/1 single chain

Type	Lifting capacity (kg)	Fixing type	Manual trolley	Electric trolley	Low clearance	Double hook	Big bag
STL 05	125-630	■	■	■	■	□	■
STL 10	500-1,000	■	■	■	■	■	■
STL 20	1,000-2,000	■	■	■	■	■	■
STL 30	1,250-3,200	■	■	■	■	■	■
STL 50	2,500-5,000	■	■	■	■	■	■
STL 60	3,200-6,300	■	■	■	■	■	■

Optional table

■ Standard configuration ■ Optional The standard configuration is only 1/1 single chain

	Standard	Optional
Ambient temperature	-20℃~+40℃	-40℃~+80℃
Protection grade	IP 55	IP 66
Plastic powder Color	RAL 6001/9017	Customized color
Plastic powder Thickness Layer	Primer, top coating	Professional primer,intermediate paint,top coating
Remote control	Emergency stop button	Wireless remote control,Movable single hand remote control
Control mode	Contactor control includes the main contactor	Wireless remote control button or operating handle type
		Movable single hand control handle
Control mode	Contactor control includes the main contactor	Wireless remote control,Movable single hand remote control
Control voltage	AC48V	AC24V,AC36V,AC110V,AC220V
Lifting motor control	Variable pole control	Variable frequency control
Trolley motor control 50Hz	5/20 m/min	10,20,25,30
60Hz	6/24 m/min	12,24,30,36
		Variable frequency control
Motor power supply 50Hz/60Hz	220-440V 3P,220,230,380,400,415,440	All voltage classes
Load chain Grade 8(DIN5684)	Galvanizing	Black oxide
	≥5.0	
Chain guide	Castings	Multilayer chain guide, made of hardened spring steel plate
Chain box	Plastic	Steel plate,high-strength polyester bag
Load lifting element	Hook assembly	Threaded rod
		Stainless steel
Limit switch		Emergency lifting stop limit switch
Operating limit switch		
		Bidirectional deceleration or stop and keeping spacing
Overload protection	Friction clutch	Load sensor
		Trumpet,acousto-optic alarm
Signal generator		SLD big-front load display screen, load display on control button
Visual signal		read on computer
Data exchange		Used in computer
Accumulative load controller		Exclusive control module
Mechanical safety device	According to the type of trolley, the rail with large flange width is additionaly equipped with guide wheel	The rail with large flange width is additionaly equipped with guide wheel
	Support guide wheel of trolley	
Lifting brake	It is the single disc brake of spring action. The brake block excludes the asbestos.	Manual release of lifting brake
		Double brakes
Data record		Operating time counter
Control box	PA66	Q235



0.25t–6.3t

Modular design

New hanging structure

STL

Double speed fixing type

Product features

- A wide product range,lifting load 0.125T-6.3T, different configurations are available
- The chain guide seat, hook, lifting board and other interfaces for different applications
- New hanging structure design is convenient for inspection and maintenance of load sheave
- The shell is made of high strength aluminum alloy, light weight and small volume
- Modular design, production, installation, simple and fast maintenance

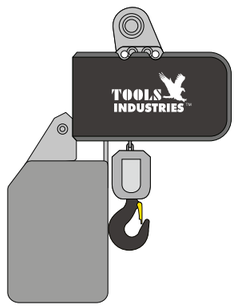
Safe and reliable / Strong and durable / Environmental design

STL Double Speed Type(fixing type)

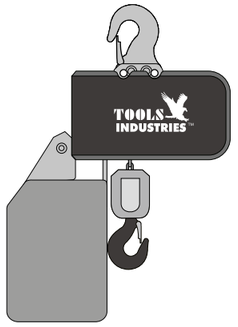
Fixed mounting:

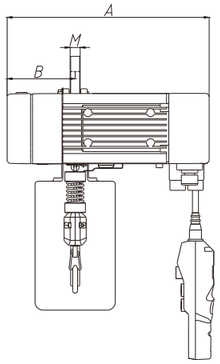
The standard fixed STL electric chain hoist adopts lifting board connection.The hook type or other fixed hanging types also can be connected as per different applications.The lifting board mounting connection is usually used in places where is is not disassembled after installation or where there is rare movement,it can still meet the lifting space after installation. If there is no need to disassemble after installation,such as, some special equipments are used together, we recommend the use of rigid two-point connection to take fixed, the advantage is that under the premise of ensuring the lifting space, it can prevent the supporting equipment of the hoist from shaking.

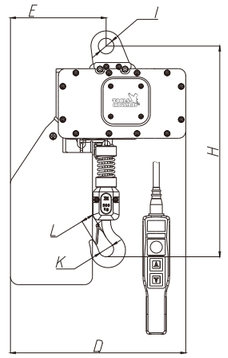
Lifting board type



Liting hook type







Model	H	A	B	D	E	I	K	L	M
STL0.5-01DF	420	400	267	349	190	31. 2	30	24	20
STL01-01DF	490	500	316	397	210	31. 5	37	26	24
STL01-02DF	485	400	267	349	216	31. 5	37	25	20
STL1.6-01DF	575	525	316	440	285	43. 5	45	33. 5	32
STL02-02DF	570	500	316	397	236	36. 5	49	39	28
STL2.5-01DF	575	525	316	440	285	43. 5	45	33. 5	32
STL03-02DF	715	525	316	460	303	41	56	43	32
STL05-02DF	715	525	316	456	303	41	56	43	32

Model	Rated capacity (ton)	Motor power (kw)	Lifting speed (m/min)	Rotate speed	Motor insulation grade	Running speed (m/min)	Working voltage	Control voltage	No.of load chain	Chain size (mm)
STL0.25-01DF	0.25t	8/2	0.8/0.2	2880/720 r/min	F grade	11 Or 19	3-Phase 380V 50Hz	24V/36V/48V	1	5x15
STL0.5-01DF	0.5t	8/2	0.8/0.2						1	5x15
STL01-01DF	1t	8/2	1.6/0.4						1	7x21
STL01-02DF	1t	4/1	0.8/0.2						2	5x15
STL1.6-01DF	1.6t	8/2	3.6/0.9						1	9x27
STL02-02DF	2t	4/1	1.6/0.4						2	7x21
STL2.5-01DF	2.5t	8/2	3.6/0.9						1	11x33
STL03-02DF	3.2t	4/1	3.6/0.9						2	9x27
STL05-02DF	5t	4/1	3.6/0.9						2	11x33



0.25t–6.3t

Modular design

New hanging structure

STL

Double speed type with manual trolley

Product features

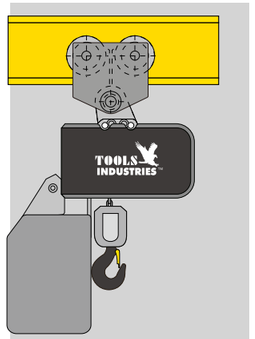
- A wide product range,lifting load 0.125T-6.3T, different configurations are available
- The chain guide seat, hook, lifting board and other interfaces for different applications
- New hanging structure design is convenient for inspection and maintenance of load sheave
- The shell is made of high strength aluminum alloy, light weight and small volume
- The modular design is adopted for simple and rapid production, mounting and maintenance.

Safe and reliable / Strong and durable / Environmental design

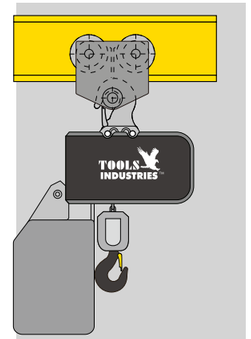
Mounting method:

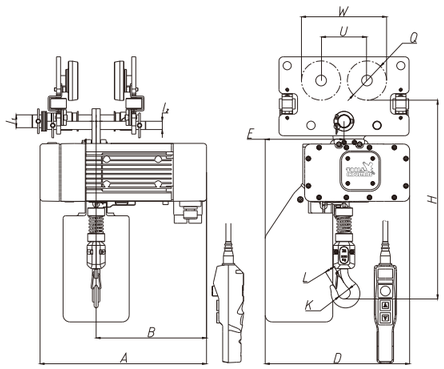
The standard manual trolley type adopts lifting board connection,also can adopt hook type connection.On the smooth moving trolley, if need to run more smoothly,a rigid connection can be used, so that the lifting load won't shake, the whole machine is more stable, and not affect the headroom size of the whole machine.

Lifting board type



Liting hook type





Model	H	A	B	D	E	l_1	l_2	K	L	W	U	R	T	Q
STL0.5-01DM	480	400	267	349	191	31	20	30	24	204	109	200	149	95
STL01-01DM	550	500	316	397	210	31	20	37	26	204	109	200	149	95
STL01-02DM	570	400	267	349	191	31	20	37	24	204	109	200	149	95
STL1.6-01DM	640	525	315	440	285	36	20	45	33. 5	237	127	200	149	110
STL02-02DM	640	500	315	400	230	36	20	49	39	237	127	200	149	110
STL2.5-01DM	650	525	315	440	285	43	20	45	33	265	140	200	149	125
STL03-02DM	795	525	315	460	305	43	20	56	43	265	140	200	149	125
STL05-02DM	830	525	315	460	305	43	31	56	43	282	142	200	149	140

Model	Rated capacity (ton)	Motor power (kw)	Lifting speed (m/min)	Rotate speed	Motor insulation grade	Running speed (m/min)	Working voltage	Control voltage	No.of load chain	Chain size (mm)
STL0.25-01DM	0.25t	8/2	0.8/0.2	2880/720 r/min	F grade	11 Or 19	3-Phase 380V 50Hz	24V/36V/48V	1	5x15
STL0.5-01DM	0.5t	8/2	0.8/0.2						1	5x15
STL01-01DM	1t	8/2	1.6/0.4						1	7x21
STL01-02DM	1t	4/1	0.8/0.2						2	5x15
STL1.6-01DM	1.6t	8/2	3.6/0.9						1	9x27
STL02-02DM	2t	4/1	1.6/0.4						2	7x21
STL2.5-01DM	2.5t	8/2	3.6/0.9						1	11x33
STL03-02DM	3.2t	4/1	3.6/0.9						2	9x27
STL05-02DM	5t	4/1	3.6/0.9						2	11x33



0.25t–6.3t

Modular design

New hanging structure

STL

Double speed type with electric trolley

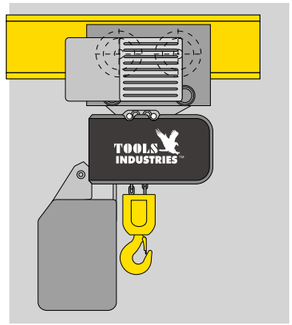
Product features

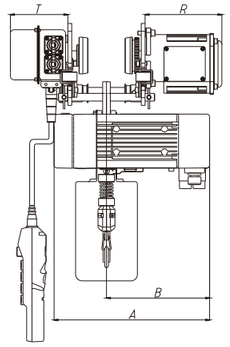
- A wide product range,lifting load 0.125T-6.3T, different configurations are available
- The chain guide seat, hook, lifting board and other interfaces for different applications
- New hanging structure design is convenient for inspection and maintenance of load sheave
- The shell is made of high strength aluminum alloy, light weight and small volume
- Modular design, production, installation, simple and fast maintenance

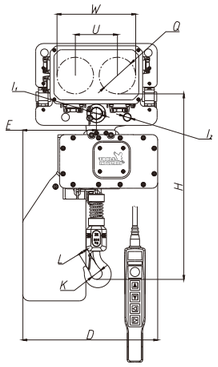
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Electric trolley mounting:

The standard electric trolley adopts double speed,speed is 5/20 m/min.If needed, the single speed trolley is also optional. The trolley wallboard is equpped with block protection device to avoid the collision of wheel and rail when the trolley drives at limit position of both ends.Besides,the wallboard is equipped with the horizontal guide wheel device to make moving more stable, reduce the abrasion of wheel and rail,and extend the service life.







Model	H	A	B	D	E	l_1	l_2	K	L	W	U	R	T	Q
STL0.5-01DE	480	400	267	349	191	31	20	30	24	204	109	200	149	95
STL01-01DE	550	500	316	397	210	31	20	37	26	204	109	200	149	95
STL01-02DE	570	400	267	349	191	31	20	37	24	204	109	200	149	95
STL1.6-01DE	640	525	315	440	285	36	20	45	33. 5	237	127	200	149	110
STL02-02DE	640	500	315	400	230	36	20	49	39	237	127	200	149	110
STL2.5-01DE	650	525	315	440	285	43	20	45	33	265	140	200	149	125
STL03-02DE	795	525	315	460	305	43	20	56	43	265	140	200	149	125
STL05-02DE	830	525	315	460	305	43	31	56	43	282	142	200	149	140

TECHNICAL PARAMETERS

Model	Rated capacity (ton)	Lifting speed (m/min)	Motor power (kw)	Rotate speed	Motor insulation grade	Working voltage	Control voltage	No.of load chain	Chain size (mm)	Running motor (single speed)						Running motor (frequency conversion)					
										Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius(m)	I-beam width (mm)	Wheel diameter (mm)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius(m)	I-beam width (mm)	Wheel diameter (mm)
STL0.25-01DE	0.25t	8/2	0.8/0.2	2880/720 r/min	F grade	3-Phase 380V 50Hz	24V/36V/48V	1	5x15	0.4	1440	11 or 19	0.7	75-178	95	0.4	1440	2-11 or 3-19	0.7	75-178	95
STL0.5-01DE	0.5t	8/2	0.8/0.2					1	5x15	0.4			0.7	75-178	95	0.4			0.7	75-178	95
STL01-01DE	1t	8/2	1.6/0.4					1	7x21	0.4			0.8	75-178	95	0.4			0.8	75-178	95
STL01-02DE	1t	4/1	0.8/0.2					2	5x15	0.4			0.8	82-178	110	0.4			0.8	82-178	110
STL1.6-01DE	1.6t	8/2	3.6/0.9					1	9x27	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL02-02DE	2t	4/1	1.6/0.4					2	7x21	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL2.5-01DE	2.5t	8/2	3.6/0.9					1	11x33	0.4			1.0	100-178	125	0.4			1.0	100-178	125
STL03-02DE	3.2t	4/1	3.6/0.9					2	9x27	0.75			1.0	100-178	125	0.75			1.0	100-178	125
STL05-02DE	5t	4/1	3.6/0.9					2	11x33	0.75			1.8	112-178	140	0.75			1.8	112-178	140



0.25t–6.3t

Modular design

New hanging structure

STL

Double speed low clearance type

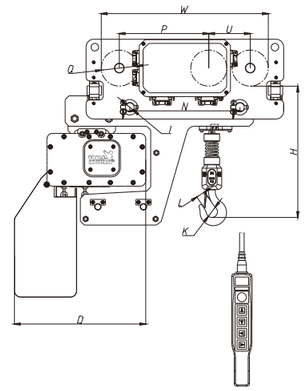
Product features

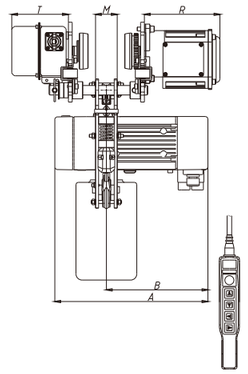
- Extremely compact size maximizes the use of the plant, especially designed for low plant
- Light weight, stable lifting load, will not shake
- Low maintenance requirements, the trolley has no flange, not affect the smooth operation of lifting and moving
- Optional frequency changer Magnetek radio remote control, optional explosion-proof design for continuous electronic monitoring of suspended loads.
- Complies with ATEX and IECEX, NEC, CEC, INMETRO and TC RU approvals

Safe and reliable / Strong and durable / Environmental design

Electric trolley mounting:

The low headroom trolley structure itself greatly saves the use of space, and the main body of the hoist is installed on the I-beam at an angle, without the steering pulley of the traditional hoist. This reduces the headroom size by 33%, in contrast, the "C" size of the hoist is reduced by 60% compared to the standard hoist, which can maximize the use of plant space to obtain a great hook stroke, especially in the very low plant, which makes it worthy of the name. The lifting weight 5.000kg, the distance from the bottom of the I-beam to the hook is only 210 mm, and the lifting weight 3200 kg is only185 mm. Innovative guide holder is unique. Two independent chains operate synchronously and act as a hook. The load is lifted and positioned without wobble or vibration.

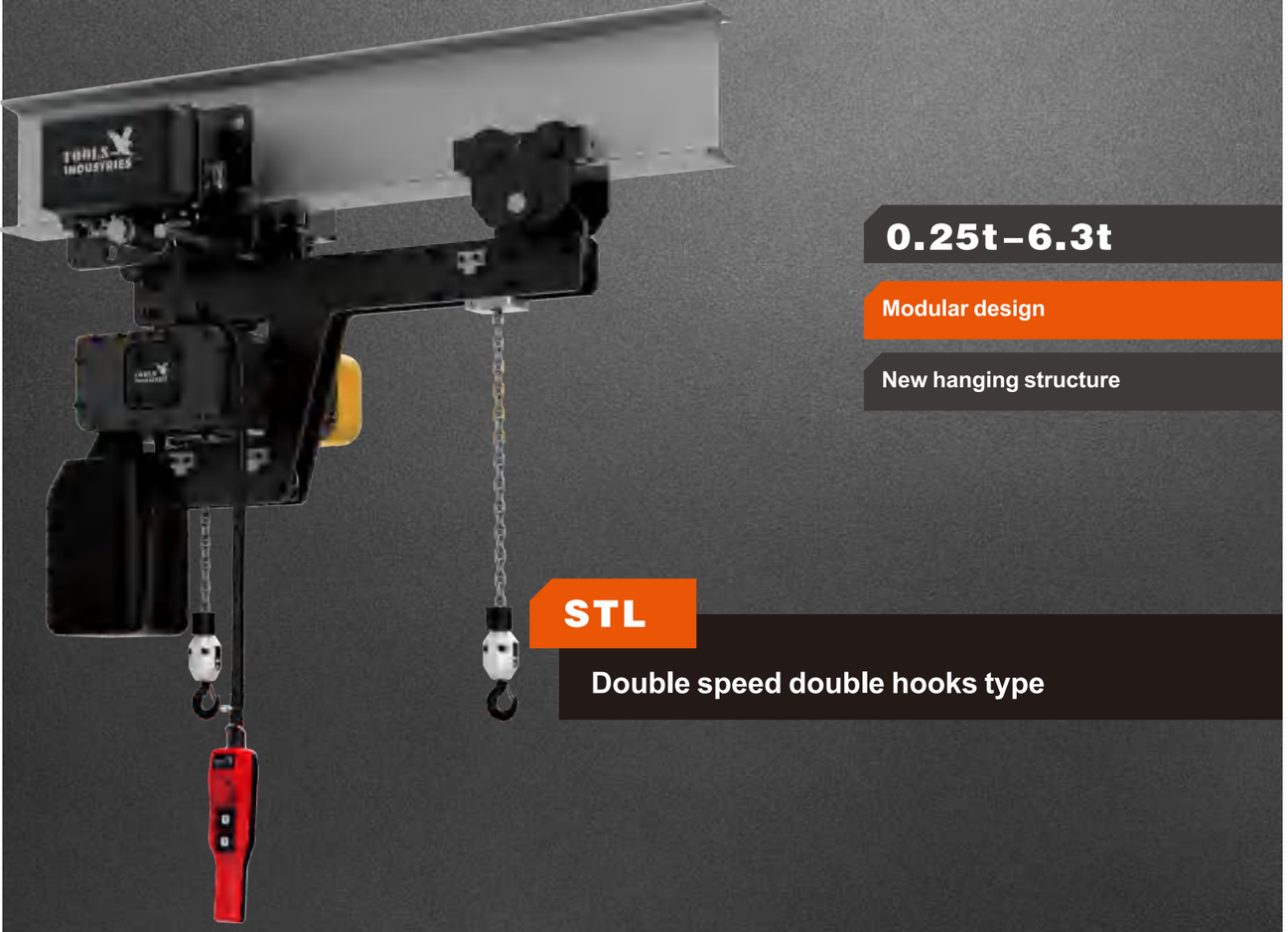




Model	H	A	B	D	I	E	L	W	U	Q	P	T	R	M	N
STL0.5-01DL	350	400	267	345	31	30	24	440	109	95	236	149	200	57	290
STL01-01DL	416	400	267	349	31	37	24	440	109	95	236	149	200	57	290
STL01-02DL	415	500	316	397	210	31	37	26	206	111	95	149	231	60	472
STL1.6-01DL	475	525	315	440	285	36	45	33	237	127	110	149	231	65	589
STL02-02DL	495	500	315	400	230	36	49	39	237	127	110	149	231	65	472
STL2.5-01DL	485	525	315	440	285	43	45	33	280	140	124	149	231	73	595
STL03-02DL	595	525	315	460	305	43	56	43	280	140	124	149	231	73	589
STL05-02DL	640	525	315	460	305	43	56	43	312	156	140	149	231	73	610

TECHNICAL PARAMETERS

Model	Rated capacity (ton)	Lifting speed (m/min)	Motor power (kw)	Rotate speed	Motor insulation grade	Working voltage	Control voltage	No.of load chain	Chain size (mm)	Trolley motor(single speed)						Trolley motor (variable frequency)					
										Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius(m)	I-beam width (mm)	Wheel diameter (mm)	Power (kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius(m)	I-beam width (mm)	Wheel diameter (mm)
STL0.25-01DL	0.25t	8/2	0.8/0.2	2880/720 r/min	F grade	3-Phase 380V 50Hz	24V/36V/48V	1	5x15	0.4	1440	11 or 19	0.7	75-178	95	0.4	1440	2-11 or 3-19	0.7	75-178	95
STL0.5-01DL	0.5t	8/2	0.8/0.2					0	5x15	0.4			0.7	75-178	95	0.4			0.7	75-178	95
STL01-01DL	1t	8/2	1.6/0.4					1	7x21	0.4			0.8	75-178	95	0.4			0.8	75-178	95
STL01-02DL	1t	4/1	0.8/0.2					1	5x15	0.4			0.8	82-178	110	0.4			0.8	82-178	110
STL1.6-01DL	1.6t	8/2	3.6/0.9					1	9x27	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL02-02DL	2t	4/1	1.6/0.4					2	7x21	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL2.5-01DL	2.5t	8/2	3.6/0.9					1	11x33	0.4			1.0	100-178	125	0.4			1.0	100-178	125
STL03-02DL	3.2t	4/1	3.6/0.9					2	9x27	0.75			1.0	100-178	125	0.75			1.0	100-178	125
STL05-02DL	5t	4/1	3.6/0.9					2	11x33	0.75			1.8	112-178	140	0.75			1.8	112-178	140



0.25t–6.3t

Modular design

New hanging structure

STL

Double speed double hooks type

Product features

- Low space requirements, can achieve a great lifting height. The two hooks of a hoist are lifted in perfect sync
- Even if the load is uneven, it can ensure that the synchronous lifting load will not tilt. It is suitable for handling various workpieces of different lengths
- Low maintenance requirements, the trolley has no flange, not affect the smooth operation of lifting and moving
- Optional frequency changer Magnetek radio remote control, optional explosion-proof design for continuous electronic monitoring of suspended loads,
- Complies with ATEX and IECEX, NEC, CEC, INMETRO and TC RU approvals

Safe and reliable / Strong and durable / Environmental design

TOOLS INDUSTRIES™

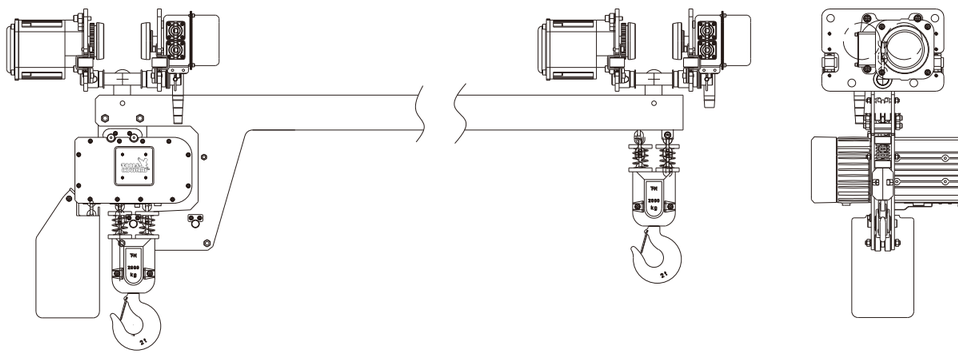
STL Double Speed Type (Double hooks type)

Low clearance hoist

STL double hook electric chain hoist is a non-standard design that requires two lifting points to lift the same long workpiece at the same time. The two pieces of load chain are driven synchronously by a single lifting motor, and the distance between the double hooks is adjusted to meet different applications. This design fully guarantees the simultaneous lifting of the two hooks, lifting and transporting the cargo without dangerous tilting. Its low headroom design is suitable for using in low plant buildings and can achieve great hook travel. According to the requirements of use or space, there are different types of STL double hook electric chain hoist options, which are divided into two hooks located on both sides of the hoist or on the same side.

For the fixed hoist STL double hook electric chain hoist, the hook distance can be adjusted according to the width of the load, and it is connected with the steel structure in a rigid fixed way.

STL double hook electric chain hoist with electric trolley can be moved back and forth. STL double hook electric chain hoist can be electrically adjusted hook spacing for lifting, transporting and precise positioning of workpieces of different lengths. Even if the load length is different or the two hooks are in the off-load situation, it can still ensure the smooth operation of the two hooks and fully synchronized lifting.



TECHNICAL PARAMETERS

Model	Rated capacity (ton)	Lifting speed (m/min)	Motor power (kw)	Rotate speed	Motor insulation grade	Working voltage	Control voltage	No.of load chain	Chain size (mm)	Trolley motor (single speed)						Trolley motor (variable frequency)					
										Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius (m)	I-beam width(mm)	Wheel diameter (mm)	Power (Kw)	Rotate speed (r/min)	Moving speed (m/min)	Turning radius(m)	I-beam width(mm)	Wheel diameter (mm)
STL0.25-01DH	0.25t	8/2	0.8/0.2	2880/720 r/min	F grade	3-Phase 380V 50Hz	24V/36V/48V	1	5x15	0.4	1440	11 or 19	0.7	75-178	95	0.4	1440	2-11 or 3-19	0.7	75-178	95
STL0.5-01DH	0.5t	8/2	0.8/0.2					0	5x15	0.4			0.7	75-178	95	0.4			0.7	75-178	95
STL01-01DH	1t	8/2	1.6/0.4					1	7x21	0.4			0.8	75-178	95	0.4			0.8	75-178	95
STL01-02DH	1t	4/1	0.8/0.2					1	5x15	0.4			0.8	82-178	110	0.4			0.8	82-178	110
STL1.6-01DH	1.6t	8/2	3.6/0.9					1	9x27	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL02-02DH	2t	4/1	1.6/0.4					2	7x21	0.4			0.9	82-178	110	0.4			0.9	82-178	110
STL2.5-01DH	2.5t	8/2	3.6/0.9					1	11x33	0.4			1.0	100-178	125	0.4			1.0	100-178	125
STL03-02DH	3.2t	4/1	3.6/0.9					2	9x27	0.75			1.0	100-178	125	0.75			1.0	100-178	125
STL05-02DH	5t	4/1	3.6/0.9					2	11x33	0.75			1.8	112-178	140	0.75			1.8	112-178	140





Variable Frequency Motor Series
Electric chain hoist



Variable Frequency Motor Series
Electric wire rope winch



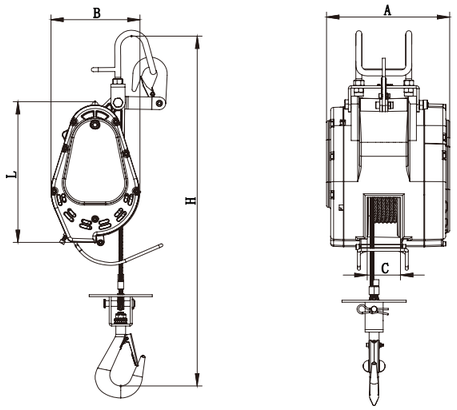
TOOLS INDUSTRIES™

Hoist & lifting system manufacturer

More safe / More high-tech / More intelligent

VFW Series Variable Frequency Hanging Type Electric Winch





Features

1. Permanent magnet frequency conversion motor technology, stable lifting and falling without shaking. Intelligent integrated control appliances can save energy by more than 45%. Electrical control 4v low voltage is safe and reliable, no worry about electric shock.
2. Overload and overheat protection can ensure safe and durable, and high and low speed can be switched at will, which make the machine suitable for different scenarios.
3. Optional-accurate weight display and real-time monitoring, record keeping for query, wireless control + wireless communication.
4. Overwinding prevention device: when wire to the upper limit, power cut off automatically, and machine stop automatically to prevent collisions.
5. Inverse prevention device: machine has the function of preventing reverse winding, and will stop automatically when reverse winding occurs
6. Double safety brake device: when power off, motor slowdown immediately, mechanical Ratchet brake take action at the same time.
7. Switch line, power cord separate design, easy to install.
8. Small button switch, operating easily.
9. Small volume, light weight, move easily.
10. Power supplying 1Phase 100V-240V,DC12V,18V,24V,36V,48V can be customized
11. The outermost layer of the hoisting rope is the lightest lifting capacity, but fastest in speed.
12. Using pulley block with double wire will increase lifting capacity by 85%，but lifting speed by half.

Dimensions

Unit:mm

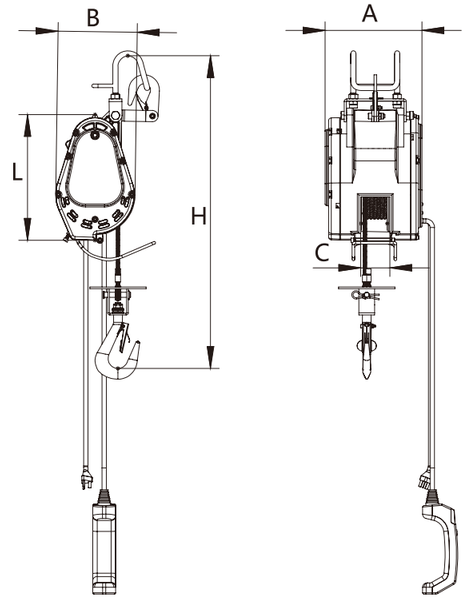
Model	A	B	C	L	H
VFW100	246	179	65	288	665
VFW160	246	179	65	288	665
VFW190-K	246	179	65	288	665
VFW230-K	246	179	65	288	665
VFW300-K	246	179	65	288	665
VFW350-K	246	179	65	288	665
VFW190-S	246	179	65	288	665
VFW230-S	246	179	65	288	665
VFW300-S	246	179	65	288	665
VFW350-S	246	179	65	288	665
VFW280	210	206	95	335	725
VFW360	210	206	95	335	725
VFW500	210	206	95	335	725
VFW750	210	206	95	335	725

Specification

Model	Lifting Capacity(kg)	Variable Frequency Motor power (KW)	Lifting speed (m/min)		Power supply	Lifting height(m)	Wire rope (mm×m)	Power cable length (m)	Control handle cable length (m)	N.W (kg)	G.W (kg)	Package size(cm)
			Low	High								
VFW100	100	1.5	10	30	1Phase, 110V/220V, 50Hz/60Hz	29	5x30	4.5	6	16	19	50x30x28
VFW160	160		9	24								
VFW190-K	190		8	21								
VFW230-K	230		7	18								
VFW300-K	300		6	15								
VFW350-K	350		5	14		20	6x21					
VFW190-S	190	2.5	12	34		29	5x30					
VFW230-S	230		11	30								
VFW300-S	300		10	27								
VFW350-S	350		9	24		20	6x21					
VFW280	280	2.5	10	28		49	5x50			24	28	55x33x31
VFW360	360		9	23								
VFW500	500		7	17		29	6x30					
VFW750	750		6	15		20	8x21					

VFE Series Variable Frequency Economic Type Electric Winch





Dimensions

Unit:mm

Model	A	B	C	L	H
VFE170	222	181	65	287	655
VFE230					
VFE340					
VFE490					

Features

1. Permanent magnet frequency conversion motor technology assures smoothly lifting with soft start, and intelligent integrated control appliances save more than 45% energy, 4V low voltage controlling is safe and reliable, and there is no fear of electric shock
2. Fast speed and high efficiency, with optional overload thermal protection for safety and durability, suitable for different scenarios
3. Small press switch, easy and labor-saving operation, optional with wireless remote control
4. Dual safety braking device, which instantly slows down the motor when power is cut off and applies mechanical braking
5. Power supplying 1Phase 100V-240V,DC12V,18V,24V,36V,48V can be customized.
6. Inverse prevent device: machine has the function of preventing reverse winding, and will stop automatically when reverse winding occurs
7. Small volume,light weight,move easily.
8. The outermost layer of the hoisting rope is the lightest lifting capacity, but fastest in speed.
9. Using pulley block with double wire will increase lifting capacity by 85%，but lifting speed by half.

Specification

Model	Lifting Capacity (kg)	Permanent magnet inverter motor (Kw)	Lifting speed (m/min)		Power supply	Lifting height (m)	Wire rope (mmxm)	Power cable length (m)	Control handle cable length (m)	N.W (kg)	G.W (kg)	Package size (cm)
			Low	High								
VFE170	170	1.0	11	22	1Phase, 110V/220V, 50Hz/60Hz	29	5x30	1.5	2.5	16	18	45x30x25
VFE230	230	1.0	9	18		29				16	18	
VFE340	340	1.4	7	14		29				16	18	
VFE490	490	1.8	8	15		20	6x21			16	18	



BD Series



BS Series

Carbon Brush Motor Series
Electric wire rope winch

TOOLS INDUSTRIES™

Carbon Brush Motor Series Electric Winch

Features

USAGE:

The mini electric winch can be widely used in hanging for engineering, plant hoist operations, civil hydropower installed piping, Warehousing and shipping the goods; it can be used to lift, raise and, drag. It's compact, lightweight, economy and effective, and easy to obtain single-phase power supply.

SPECIAL FEATURES:

Motor system:
Using brush motor series excited of high efficiency industrial grade; there are two selected configurations of single-phase voltage (110V / 220V); its enameled heat levels up to 200 degrees, specifically designed for long crane.

Brake system:

Dual brake system with one mechanical ratchet gear brake and the other brake resistor short circuit controller; formula oiled copper disc brakes with high friction coefficient, which needs no adjustment; immediately brake in power outage or malfunction, great safety and long life.

Security systems:

Cable stops automatically over the volume limit; cable stops automatically when inversing.

Electronic control system:

Direct control which saves tedious lines and has the advantages of easy maintenance, low failure rate, security and stability; control switch with separate power line and quick connector make it easy to carry.

Gear system:

Use drive bevel reducing gear of high efficiency; heat treated alloy steel gear with its intensity three times higher than the rated hoist.

PART OF THE MAIN BODY CASE:

Die-casted in one piece, motor body and gearbox have the advantages of strong toughness, computer CNC machining, high precision, low noise, and smooth operation; using automotive-grade powder coating, it has nice appearance; it's compacted and light-weighted.

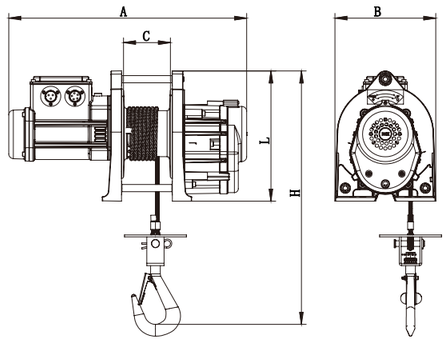
Specification

Model		Rated Load (Kg)	Voltage /Frequency	Motor	Speed	Lifting height	Wire rope	Net Weight
BS160	BD160	160kg	1Phase, 110V/220V, 50Hz/60Hz	1300W	19m/min	28m	5mmx30m	15kg
BS230	BD230	230kg		1500W	19m/min	28m	5mmx30m	16kg
BS300	BD300	300kg		1600W	19m/min	28m	5mmx30m	17kg
BS280	BD280	280kg		1300W	14m/min	58m	5mmx60m	22kg
BS360	BD360	360kg		1600W	13m/min	58m	5mmx60m	23kg
BS500	BD500	500kg		1800W	13m/min	28m	6mmx30m	24kg

TOOLS INDUSTRIES™

VFF Series Variable Frequency Fixing Type Electric Wire Rope Winch





Features

1. Permanent magnet frequency conversion motor technology, stable lifting and falling without shaking. Intelligent integrated control appliances can save energy by more than 45%. Electrical control 4v low voltage is safe and reliable, no worry about electric shock
2. Overload and overheat protection can ensure safe and durable, and high and low speed can be switched at will, which make the machine suitable for different scenarios
3. Optional-accurate weight display and real-time monitoring, record keeping for query, wireless control + wireless communication
4. Double safety brake device: When the power is off, the motor decelerates instantly and the mechanical ratchet brake take action at the same time.
5. The switch line and power line are designed separately, which is easy to install.
6. Small button switch, easy operation
7. Small volume,light weight,move easily.
8. Power supplying 1Phase 100V-240V,DC12V,18V,24V,36V,48V can be customized.
9. The outermost layer of the hoisting rope is the lightest lifting capacity, but fastest in speed.
10. Using pulley block with double wire will increase lifting capacity by 85% , but lifting speed half.

Dimensions

Unit:mm

Model	A	B	C	L	H
VFF200F-30	496	210	95	271	470
VFF200F-70	550	210	150	271	470
VFF200F-120	610	210	205	271	470
VFF300F-30	496	210	95	271	470
VFF300F-60	550	210	150	271	470
VFF300F-90	610	210	205	271	470
VFF200S-30	496	210	95	271	470
VFF200S-70	550	210	150	271	470
VFF200S-120	610	210	205	271	470
VFF300S-30	496	210	95	271	470
VFF300S-60	550	210	150	271	470
VFF300S-90	610	210	205	271	470
VFF500-30	496	210	95	271	470
VFF500-45	550	210	150	271	470
VFF500-60	610	210	205	271	470

Specification

Model	Lifting Capacity(kg)	Variable Frequency Motor power (KW)	Lifting speed (m/min)		Power supply	Lifting height(m)	Wire rope (mm×m)	Power cable length (m)	Control handle cable length (m)	N.W (kg)	G.W (kg)	Package size(cm)
			Low	High								
VFF200F-30	200	1.5	8	18	1Phase, 110V/220V, 50Hz/60Hz	28	5*30	4.5	6	18	22	55*35*30
VFF200F-70	200		8	18		68	5*70			23	27	60*35*30
VFF200F-120	200		8	18		118	5*120			29	33	65*35*30
VFF300F-30	300	1.5	6	15		28	6*30			19	23	55*35*30
VFF300F-60	300		6	15		58	6*60			24	28	60*35*30
VFF300F-90	300		6	15		88	6*90			29	33	65*35*30
VFF500-30	500	2.5	7	17		28	7*30			21	25	55*35*30
VFF500-45	500		7	17		43	7*45			24	28	60*35*30
VFF500-60	500		7	17		58	7*60			28	32	65*35*30
VFF200S-30	200	2.5	13	35		28	5*30			18	22	55*35*30
VFF200S-70	200		13	35		68	5*70			23	27	60*35*30
VFF200S-120	200		13	35		118	5*120			29	33	65*35*30
VFF300S-30	300	2.5	10	26		28	6*30			19	23	55*35*30
VFF300S-60	300		10	26		58	6*60			24	28	60*35*30
VFF300S-90	300		10	26		88	6*90			29	33	65*35*30

VFF-DS

Series Variable Frequency Fixing Type
Electric Winch With Digital Scale



Product features

- Real time weight display and load limit protection
- The hook adopts a weighing sensor with a 360 °
- Safety hook and 433Mhz communication Equipped with an up stroke switch



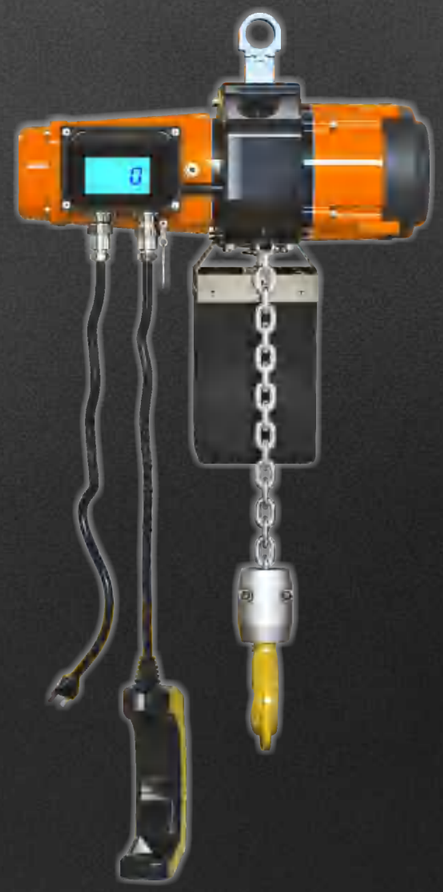
Weighing Sensor





Variable Frequency Motor Series
Electric wire rope winch





VFH-DS

Series With Digital Scale

VFH-DS Series

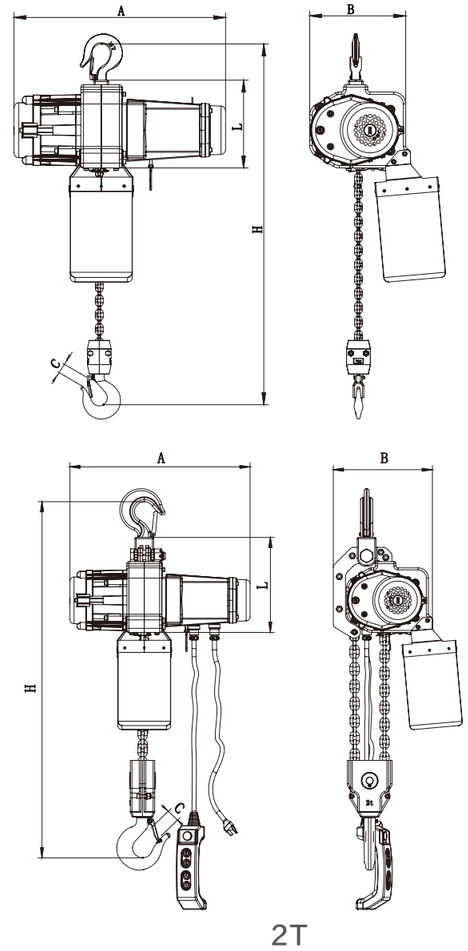
Variable Frequency Motor Series
Electric chain hoist

TOOLS INDUSTRIES™

VFH Series Variable Frequency Hanging Type Electric Chain Hoist

Features

1. Permanent magnet frequency conversion motor technology, stable lifting and falling without shaking. Intelligent integrated control appliances can save energy by more than 45%. Electrical control 4v low voltage is safe and reliable, no worry about electric shock
2. Overload and overheat protection can ensure safe and durable, and high and low speed can be switched at will, which make the machine suitable for different scenarios
3. Optional-accurate weight display and real-time monitoring, record keeping for query, wireless control + wireless communication
4. Double safety brake device: When the power is off, the motor decelerates instantly and the mechanical ratchet brake take action at the same time.
5. The switch line and power line are designed separately, which is easy to install.
6. Small button switch, easy operation
7. Small volume,light weight,move easily.
8. Power supplying 1Phase 100V-240V,DC12V,18V,24V,36V,48V can be customized.
9. When the chain reaches the upper or lower limit, the micro switch will be triggered, and the circuit is automatically cut off to prevent machine collision.



Dimensions

Unit:mm

Model	A	B	C	L	H
VFH300	443	211	26	175	460
VFH500-F	443	211	26	175	460
VFH500-S	443	211	26	175	460
VFH1000-F	443	211	29	175	500
VFH1000-S	443	211	29	175	580
VFH2000	443	244	37	175	660

Specification

Model	Lifting Capacity(kg)	Variable Frequency Motor power (KW)	Lifting speed (m/min)		Power supply	Lifting height(m)	Chain (mm)	Power cable length (m)	Control handle cable length (m)	N.W (kg)	G.W (kg)	Package size(cm)
			Low	High								
VFH300	300	1.5	5	9	1Phase, 110V/220V, 50Hz/60Hz	3	5x15	4.5	2.5	17	19	50x30x35
VFH500-F	500	1.5	4	6.8						17	19	
VFH500-S	500	2.5	6	10						17	19	
VFH1000-F	1000	2.5	4	6.8			7x21			20	23	
VFH1000-S	1000	1.5	2	3.4			5x15x2			21	24	
VFH2000	2000	2.5	2	3.4			7x21x2			29	32	50x40x35

VFI Series Variable Frequency Hanging Electric Chain Hoist



Features

Intelligent electric chain hoists use an industrial processor controlled servo drive system, and consist of servo motor, servo driver, load sensor, limit switch, photoelectric switch etc.with in-line slide, float, pinpoint precision of three modes the operators can efficiently and freely lift and handle materials.It has the characteristics of ergonomic industrial design, high precision, speed control ability low headroom,intelligence, simple operation, high efficiency, safety and reliability.

APPLICATIONS

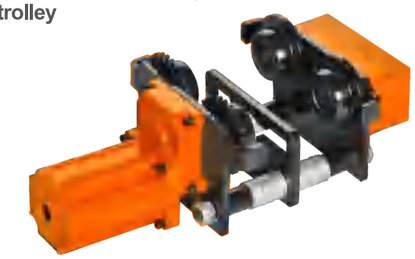
- Auto assembly (engines, transmissions, instrument boards, auto seats, glass, chassis components etc.)
- Natural gas, oil and other energy industries (valve, drilling components etc.)
- Aerospace, military and other industries heavy equipment manufacturing and processing
- Tool & change mold
- Equipment maintenance and repair
- Finish machining
- Parts assembly
- Repetitive lifting jobs
- Product packaging
- Workshop and warehouse loading and unloading

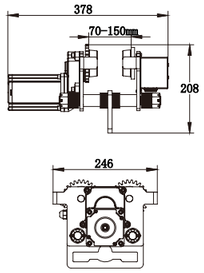
Specification

Model	Rated power	Rated current	Lifting speed (m/min)	Power supply	Rated load	chain (mm)	Lifting height	Insulation grade	Duty classes	Chain tensile strength	Protection class	Working duty	Operating temperature	Speed ratio	Net weight
VFI250	1200W	7.9A	0–22m/min	1Phase, 110V/220V, 50Hz/60Hz	250kg	5mm	5m	B	M5	⩾900N/mm²	IP54	53.50%-10min	0–40℃	27.9:1	37kg
VFI500	1200W	7.9A	0–22m/min		500kg	5mm			M5					46.3:1	

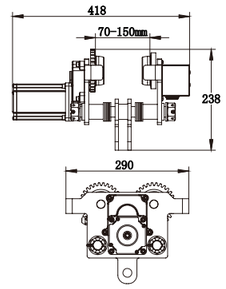
Trolley Series

VFT series variable frequency electric trolley





1T



2T

Features

1.Permanent magnet frequency conversion technology, smooth operation, soft start, intelligent integrated control of electrical appliances, energy saving of over 45%,Electric control with 4V low voltage is safe and reliable, without fear of electric shock;
2.Overload protection is safe and durable, with arbitrary switching between high and low speeds, suitable for different scenarios;
3.Optional - precise travel counting and real-time monitoring, wireless control+wireless communication;
4.Dual safety braking device, which instantly slows down the motor when power is cut off, and applies mechanical braking;
5.Separate design of power cord and control cord, easy to install;
6.Small press switch, easy and labor-saving operation;
7.Single 100V-240V power supply can be customized for DC12V, 18V, 24V, 36V, 48V.

Specification

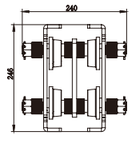
Model	Capacity(kg)	Variable Frequency Motor power (KW)	Lifting speed (m/min)		Power supply	I-beam width (mm)	Power cable length (m)	Control handle cable length (m)	N.W (kg)	G.W (kg)	Package size (cm)
			Low	High							
VFT1000	1000	0.4	10	20	1Phase, 110V/220V 50Hz/60Hz	75–150	1	3	13	14	43x30x18
VFT2000	2000		10	20					17	18	

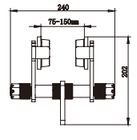
GCT type manual trolley

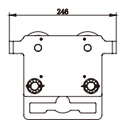


Specification

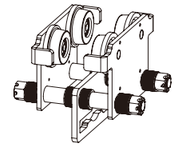
Model	Capacity (kg)	I-beam width (mm)	N.W (kg)	G.W (kg)	Package size (cm)
GCT1000	1000	75–150	9.5	10	27x26x18
GCT2000	2000		14.5	15	31x26x18

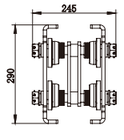


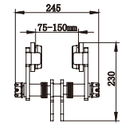


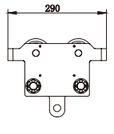


1T









2T

VFW-E Series Variable Frequency Electric Winch With Li-ion Battery







Model	Lifting capacity(kg)	Variable frequency motor power(KW)	Lifting Speed(m/min)		Brake	Lifting height（m）	Wire rope(mmxm)	Power supply	Control line(m)	Hook type	N.W(kg)	G.W(kg)	Package size(cm)
			Low	High									
VFW-E 100	100	1.5	7	22	electric+ machanic	29	5x30	DC18V 2.5m	2.5	N1	17	20	50×40×30
VFW-E 160	160		6	18									
VFW-E 190	190		5	15									
VFW-E 250	250		4	13									
VFW-E 300	300		4	11									
VFW-E 350	350		3	10		20	6x21						
VFW-E 280	280	2.5	6	18		49	5x30				26	30	55×43×33
VFW-E 360	360		5	15									
VFW-E 500	500		4	12		29	6x30						
VFW-E 750	750		3	10		20	8x21						

VFH-E Series Variable Frequency Electric Chain Hoist With Li-ion Battery







Model	Lifting capacity(kg)	Variable frequency motor power(KW)	Lifting Speed(m/min)		Brake	Lifting height（m）	Chain(mm)	Power supply	Control line(m)	Hook type	N.W(kg)	G.W(kg)	Package size(cm)
			Low	High									
VFH-E 300	300	1.5	2.5	6.6	electric+ machanic	3	5×15	DC18V 2.5m	2.5	H105	19	21	50×40×35
VFH-E 500	500	1.5	1.5	4.5							19	21	
VFH-E 1000	1000	2.5	1.5	4.5			7x21			H10	23	25	
VFH-E 2000	2000	2.5	0.7	2.2			7×21x2			H202	31	34	

ZH Series Mini Electric Chain Hoist With Li-ion Battery



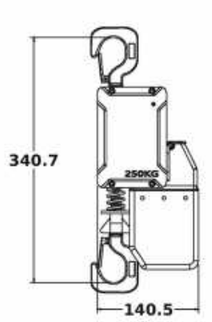


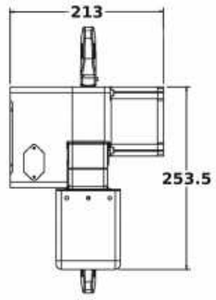


Model	Lifting capacity(kg)	Variable frequency motor power(KW)	Lifting Speed(m/min)	Lifting height（m）	Chain(mm)	Voltag(V)	Battery capacity	N.W./G.W. (kg)	Package size(cm)
ZH250	250	0.8	3.5/10	3	4×12	220V	18V 4ah	9/10	42×30×27
ZH500	500		1.7/5		4×12 double chains	220V		11/12	
ZH250 With Lithium battery	250		3.5/10		4×12	18V		10/11.5	42×40×27
ZH500 With Lithium battery	500		1.7/5		4×12 double chains	18V		11.5/13	

YJ-E Series Mini Electric Chain Hoist With Li-ion Battery





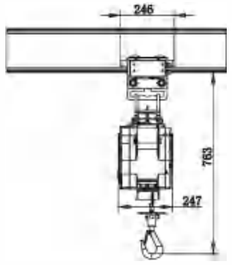


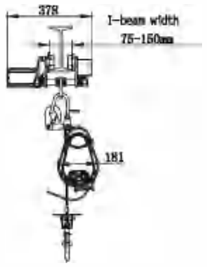


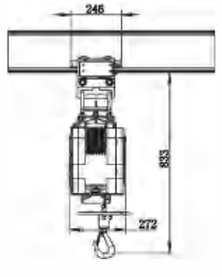
Model	Lifting capacity(kg)	Motor Power(W)	Power Supply	Full-Load Runtime	Motor Speed(r/min)	Lifting height（m）	Chain Grade	Protection Rating
YJ-E 0.25-01	250	600	40V Battery	>1.8h	4200	4	G100 Galvanized	IP56

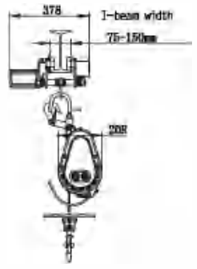
VFW-M Series Variable Frequency Electric Winch With Electric Trolley





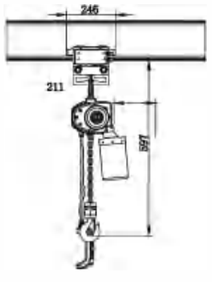


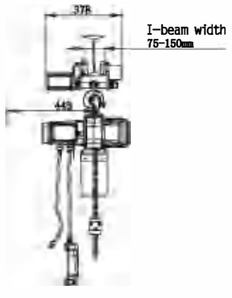


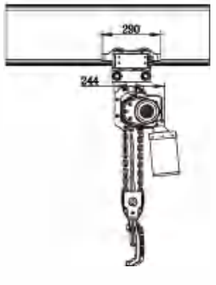


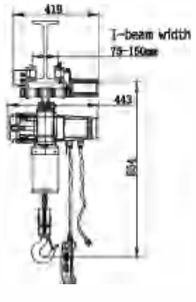
VFH-M Series Variable Frequency Electric Chain Hoist With Electric Trolley





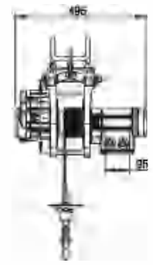




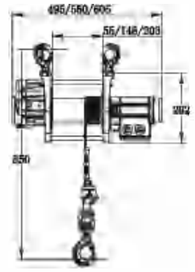


VFD Series Fixing or Suspended Dual-purpose Type Electric Winch





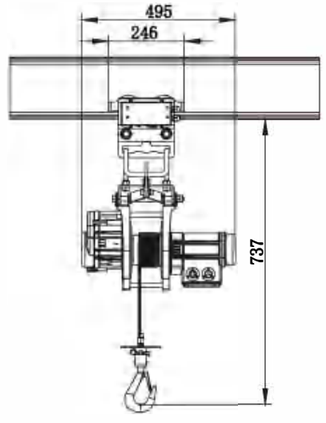


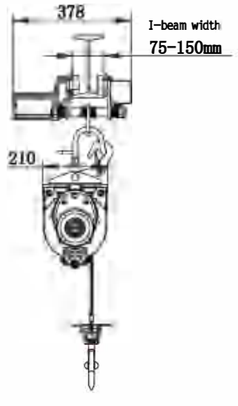




VFD-M Series Dual-purpose Electric Winch With Electric Trolley

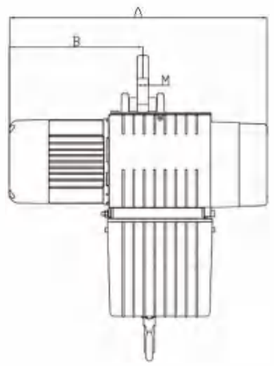


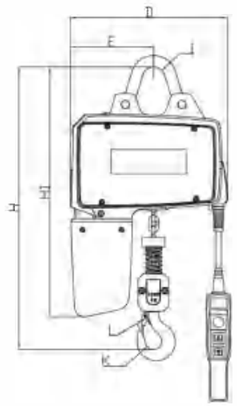




SCXL Double Speed Type(fixing type)







DIMENSION

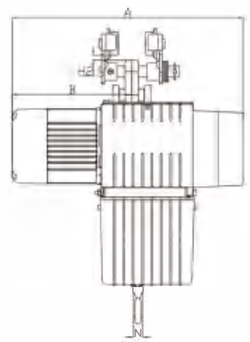
	H	H1	A	B	D	E	I	K	L	M
	455	430	460	250	290	160	55	30	24.5	18
	480	430	490	270	320	170	55	30	24.5	18
	575	550	570	295	345	183	50	36.5	25.5	25
	545	430	490	270	320	170	55	36.5	25.5	18
	670	550	570	295	345	183	50	45	33.5	25

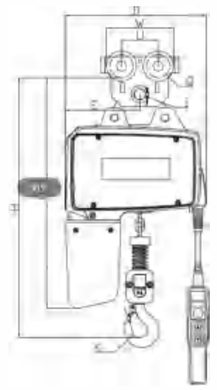
TECHNICAL PARAMETERS

	Capacity (Ton)	Lifting speed(m/min)	Motor power(kw)	Rotate speed(r/min)	Protect level	Working voltage(V/Hz)	Control voltage(V)	No.of load chain	Chian size
	0.25	8/2	0.8/0.2	2880/720	F	3P/380V/50Hz	24/36/48	1	5x15
	0.5	8/2	0.8/0.2					1	5x15
	1	8/2	1.6/0.4					1	7x21
	1	4/1	0.8/0.2					2	5x15
	2	4/1	1.6/0.4					2	7x21

SCXL Double Speed Type (Manual trolley type)







DIMENSION

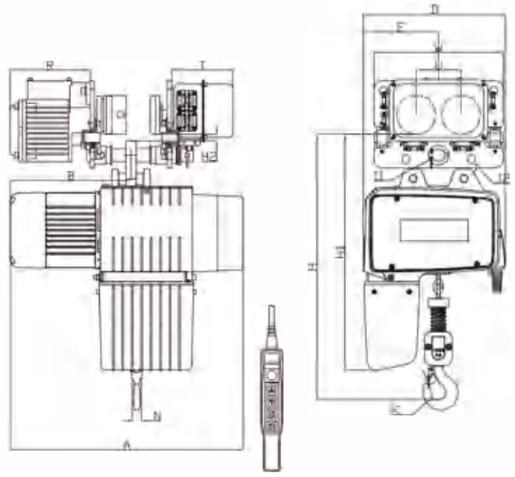
Model	H	H1	H2	A	B	D	E	I	K	L	N	Q	U	W
SCXL0.25-01	475	450	13	460	250	290	160	27	30	24.5	18	57	90	164
SCXL0.5-01	495	450	13	490	270	320	170	27	30	24.5	18	57	90	164
SCXL01-01	590	565	13	570	295	345	183	27	36.5	25.5	23	57	90	164
SCXL01-02	560	450	13	490	270	320	170	27	36.5	25.5	23	57	90	164
SCXL02-02	710	590	15	570	295	345	183	31	45	33.5	29	67	115	213

TECHNICAL PARAMETERS

	Capacity (Ton)	Lifting speed (m/min)	Motor power(kw)	Rotate speed (r/min)	Protect level	Working voltage (V/Hz)	Control voltage(V)	No.of load chain	Chian size
SCXL0.25-01	0.25	8/2	0.8/0.2	2880/720	F	3P/380V/50Hz	24/36/48	1	5x15
SCXL0.5-01	0.5	8/2	0.8/0.2					1	5x15
SCXL01-01	1	8/2	1.6/0.4					1	7x21
SCXL01-02	1	4/1	0.8/0.2					2	5x15
SCXL02-02	2	4/1	1.6/0.4					2	7x21

SCXL Double Speed Type (Electric trolley type)





DIMENSION

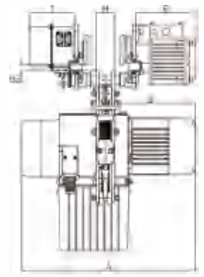
	H	H1	H2	A	B	D	E	I1	I2	K	L	N	R	T	Q	U	W
SCXL0.25-01	485	460	20.5	460	250	320	160	31	20	30	24.5	18	155	149	95	109	315
SCXL0.5-01	505	460	20.5	490	270	330	170	31	20	30	24.5	18	155	149	95	109	315
SCXL01-01	600	575	15.5	570	295	345	183	31	20	36.5	25.5	23	155	149	95	109	315
SCXL01-02	570	460	20.5	490	270	330	170	31	20	36.5	25.5	23	155	149	95	109	315
SCXL02-02	715	595	23.5	570	295	345	183	36	20	45	33.5	23	155	149	110	127	325

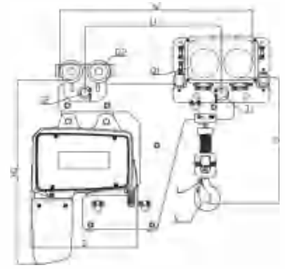
TECHNICAL PARAMETERS

Model	Capacity(Ton)	Lifting speed (m/min)	Motor power(kw)	Rotate speed(r/min)	Protect level	Working voltage (V/Hz)	Control voltage(V)	No.of load chain	Chian size	Running motor Power(kw)	Running motor-Rotate speed (m/min)	Turnning radius(m)	I-beam width(mm)	Wheel diameter (mm)	Moving speed(single speed)(r/min)	Moving speed(Frequency conversion) (r/min)
SCXL0.25-01	0.25	8/2	0.8/0.2	2880/720	F	3P/380V/50Hz	24/36/48	1	5x15	0.4	1440	1.3	75-178	95	10	2-10
SCXL0.5-01	0.5	8/2	0.8/0.2					1	5x15	0.4		1.3	75-178	95	or	or
SCXL01-01	1	8/2	1.6/0.4					1	7x21	0.4		1.3	75-178	95	or	or
SCXL01-02	1	4/1	0.8/0.2					2	5x15	0.4		1.3	82-178	110	or	or
SCXL02-02	2	4/1	1.6/0.4					2	7x21	0.4		1.5	82-178	110	19	3-19

SCXL Double Speed Type (Low clearance type)







DIMENSION

	H	H1	H2	A	B	D	I1	I2	K	L	M	R	T	Q1	Q2	U	W
SCXL0.25-01	330	475	20.5	490	270	290	31	27	30	24.5	51	155	149	93	57	400	584
SCXL0.5-01	330	475	20.5	490	270	320	31	27	30	24.5	51	155	149	93	57	400	584
SCXL01-01	465	606	20.5	570	295	345	31	27	36.5	25.5	59	195	149	95	57	445	629
SCXL01-02	400	475	20.5	490	270	320	31	27	36.5	25.5	51	195	149	95	57	400	584
SCXL02-02	480	625	31	570	295	345	36	31	45	33.5	59	195	149	110	67	445	670

TECHNICAL PARAMETERS

Model	Capacity(Ton)	Lifting speed (m/min)	Motor power(kw)	Rotate speed(r/min)	Protect level	Working voltage (V/Hz)	Control voltage(V)	No.of load chain	Chian size	Running motor Power(kw)	Running motor-Rotate speed (m/min)	I-beam width(mm)	Wheel diameter (mm)	Moving speed(single speed)(r/min)	Moving speed(Frequency conversion) (r/min)
SCXL0.25-01	0.5	8/2	0.8/0.2	2880/720	F	3P/380V/50Hz	24/36/48	1	5x15	0.4	1440	75-178	95	10	2-10
SCXL0.5-01	0.5	8/2	0.8/0.2					1	5x15	0.4		75-178	95	or	or
SCXL01-01	1	8/2	1.6/0.4					1	7x21	0.4		75-178	95	or	or
SCXL01-02	1	4/1	0.8/0.2					2	5x15	0.4		82-178	95	or	or
SCXL02-02	2	4/1	1.6/0.4					2	7x21	0.4		82-178	110	19	3-19