

Options

- The hoist wheel width can be adjusted according to the beam width >550mm, <690mm (for Single Girder Crane)
- Adjustment of double girder gauge (1400mm-1700mm-2000mm-2400mm-2700mm-3100mm-3400mm-3800mm) (for Double Girder Crane)
- The standard headroom hoist can be replaced with a turnable trolley
- Single beam type CH hoist can be equipped with first and second travel limit
- Monitoring unit (standard)
- After installing the load on the large screen, the font size is 500×230&900×230
- Selection of special voltages
- Heating and dehumidifying function of motor and electric box
- Replacement of hoist electric box with stainless steel electric control box
- Hoist reel cover replaced with stainless steel
- Add installed rain cover
- Raise the hook number by one gear
- Hook becomes electric swivel type
- Hook 90° rotation loc
- The hook head is replaced with a W hook
- The hook head is replaced with a stainless steel hook head
- Install the second lifting limit (mechanical weight limit)
- Install the second brake for lifting (electromagnetic disc brake)
- The hoisting mechanism realizes frequency conversion control
- Add anti-sway function
- Add inching function
- Adjustment of control voltage
- The hoist of the monorail type, that is, the hoist needs to be equipped with a transformer if it is used alone.

CONFIGURATION TO MEET YOUR NEEDS



CH-B low headroom single girder hoist
Max. Load: 1~20t



CH-R low-headroom monorail hoist
Max. Load: 1~50t



CH-G fixed type trolley
Max. Load: 1~100t



CH-B double girder trolley
Max. Load: 1~100t

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CH Wire Rope Hoist

Clescrane CH wire rope hoists feature high handling rates, cost-effective operation and maximum safety. We offer the optimum solution to meet our customers' specific requirements.

CH-B

Electric cabinet

- Rational design, convenient maintenance, decreasing running cost. Professional and high quality of electrical components, safe and reliable.
- Multiple safety protection devices to ensure equipment safe.
- Protection grade IP55.
- Clear identification to easy for trouble removal.

Trolley drive unit

- Runtly of high-performance motor, reduction gearbox and brake.
- Compact structure, excellent performance.
- Low energy consumption, low noise and eco-friendly design.
- Variable frequency control, smooth running, low impact and meeting requirements of a variety of speed.
- Asbestos-free brake disc and its normal service life can be up to one million times.
- No-wear design, maintenance-free, long service life.

Lifting height limiter

- Freely adjustable screw lifting height limiter with high precision, wide adjustment range, safe and reliable.
- Multiple-contact configurations can effectively achieve the function of transition with low and high speed and the stop during the rise and fall.

Lifting hook group

- DIN standard of lifting hook with safety clasp and wire rope sheath Ergonomic design.
- Forged by the high-strength material of T grade.
- Accompanied with nondestructive test certification of lifting hook randomly.

Lifting drive unit

- High-performance, large driving force and compact structure.
- Various components are running efficiently to ensure high efficiency.
- Low energy consumption, low noise and eco-friendly design.
- Smooth running, low impact, safe and reliable.
- No-wear design, long service life.
- Electrical connection sustained rate is up to 80% to meet the demands of the high frequency lifting.
- Service life Asbestos-free brake can be up to one million times.
- High protection grade of brake can meet the requirements of severe environment.

Drum

- Use the Q345-type seamless steel tube as raw material and process it by numbers of working procedure.
- Advanced processing methods to ensure concentricity of the drum.
- The depth of rope groove is in compliance with the CMAA standard.
- High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.

Rope guide

- Lifting weight, good wear resistance, to reduce the wear of wire rope effectively.
- Prevent wire rope from skipping and loosening to off-groove, and safety first.

Wire rope with high-performance

- The imported wire rope of high-performance with tensile strength up to 2160MPa.
- The surface with galvanized processing for corrosion prevention effectively.
- With good flexibility to ensure wear resistance of the wire rope and prolong its service life.



CLESCRANE®

CH

WIRE ROPE HOIST

Max. Load: 100 Ton

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CH-B single girder hoist parameter table

Load capacity (kg)	FEM/ISO /CMAA	Lifting height (m)	Type of hoist	Lifting speed (m/min)	Lifting motor power (kw)	Travelling motor power (kw) (single girder/ double girder)	Double girder trolley gauge (mm)	Double girder trolley groove width (mm)
1600	2m/M5 (Class D)	6	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	1400	60
		9	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		12	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		15	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		18	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	1700	
2000	3m/M6 (Class D)	24	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	2000	60
		30	CHXS016DDS_S	10/1.6	3.6/0.55	0.4/2x0.28	2400	
		6	CHXS020DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1400	
		9	CHXS020DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1400	
		12	CHXS020DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1700	
3200	2m/M5 (Class D)	18	CHXS020DDS_S	10/1.6	6.1/0.9	0.4/2x0.28	1400	60
		24	CHXS020DDS_S	10/1.6	6.1/0.9	0.4/2x0.28	1700	
		30	CHXS020DDS_S	10/1.6	6.1/0.9	0.4/2x0.28	2000	
	1Am/M4 (Class C)	6	CHXS032DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1400	
		9	CHXS032DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1400	
5000	2m/M5 (Class D)	12	CHXS032DDS_S	5/0.8	3.6/0.55	0.4/2x0.28	1700	60
		18	CHXS032CDS_S	10/1.6	6.1/0.9	0.4/2x0.28	1400	
		24	CHXS032CDS_S	10/1.6	6.1/0.9	0.4/2x0.28	1700	
		30	CHXS032CDS_S	10/1.6	6.1/0.9	0.4/2x0.28	2000	
		36	CHXS032CDS_S	10/1.6	6.1/0.9	0.4/2x0.28	2400	
6300	1Am/M4 (Class C)	6	CHS05DDS_S	5/0.8	6.1/0.9	0.4/2x0.28	1400	60
		9	CHS05DDS_S	5/0.8	6.1/0.9	0.4/2x0.28	1400	
		12	CHS05DDS_S	5/0.8	6.1/0.9	0.4/2x0.28	1700	
		15	CHS05DDS_S	5/0.8	6.1/0.9	0.4/2x0.28	2000	
		18	CHS05DDS_S	5/0.8	6.1/0.9	0.4/2x0.28	2400	
8000	3m/M6 (Class D)	6	CHM08DDS_S	5/0.8	11/1.8	0.8/2x0.6	1400	60
		9	CHM08DDS_S	5/0.8	11/1.8	0.8/2x0.6	1400	
		12	CHM08DDS_S	5/0.8	11/1.8	0.8/2x0.6	1700	
		15	CHM08DDS_S	5/0.8	11/1.8	0.8/2x0.6	2000	
		18	CHM08DDS_S	5/0.8	11/1.8	0.8/2x0.6	2400	
10000	2m/M5 (Class D)	6	CHM10DDS_S	5/0.8	11/1.8	0.8/2x0.6	1400	60
		9	CHM10DDS_S	5/0.8	11/1.8	0.8/2x0.6	1400	
		12	CHM10DDS_S	5/0.8	11/1.8	0.8/2x0.6	1700	
		15	CHM10DDS_S	5/0.8	11/1.8	0.8/2x0.6	2000	
		18	CHM10DDS_S	5/0.8	11/1.8	0.8/2x0.6	2400	
12500	1Am/M4 (Class C)	24	CHM10CDS_S	8/1.3	17/2.8	0.8/2x0.6	1400	60
		30	CHM10CDS_S	8/1.3	17/2.8	0.8/2x0.6	2000	
		36	CHM10CDS_S	8/1.3	17/2.8	0.8/2x0.6	2400	
		6	CHM125CDS_S	5/0.8	11/1.8	1.2/2x0.6	1400	
		9	CHM125CDS_S	5/0.8	11/1.8	1.2/2x0.6	1400	
16000	2m/M5 (Class D)	12	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1400	70
		9	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1700	
		6	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2000	
		12	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1400	70
		9	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1700	
		6	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2000	
		12	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1400	70
		9	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1700	
		6	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2000	
		12	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1400	70
		9	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1700	
		6	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2000	
		18	CHL16DDS_S	5/0.8	17/2.8	2x0.8	2700	

Load capacity (kg)	FEM/ISO /CMAA	Lifting height (m)	Type of hoist	Lifting speed (m/min)	Lifting motor power (kw)	Travelling motor power (kw) (single girder/ double girder)	Double girder trolley gauge (mm)	Double girder trolley groove width (mm)
16000	2m/M5 (Class D)	6 BPVL	CHL16DDS_S	4/0.66	17/2.8	2x0.8	1700	70
		9 BPVL	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2000	
		12 BPVL	CHL16DDS_S	4/0.66	17/2.8	2x0.8	2400	
		6	CHL20CDS_S	4/0.66	17/2.8	2x0.8	1400	
		9	CHL20CDS_S	4/0.66	17/2.8	2x0.8	1700	
20000	1Am/M4 (Class C)	12	CHL20CDS_S	4/0.66	17/2.8	2x0.8	2000	70
		15	CHL20CDS_S	4/0.66	17/2.8	2x0.8	2400	
		18	CHL20CDS_S	4/0.66	17/2.8	2x0.8	2700	
		6	CHL20CDS_S	5/1.2	22/5.5	2x0.8	1400	
		9	CHL20CDS_S	5/1.2	22/5.5	2x0.8	1700	
		12	CHL20CDS_S	5/1.2	22/5.5	2x0.8	2000	70
		15	CHL20CDS_S	5/1.2	22/5.5	2x0.8	2400	
		18	CHL20CDS_S	5/1.2	22/5.5	2x0.8	2700	
		6 BPVL	CHL20CDS_S	4/0.66	17/2.8	2x0.8	1700	
		9 BPVL	CHL20CDS_S	4/0.66	17/2.8	2x0.8	2000	
		12 BPVL	CHL20CDS_S	4/0.66	17/2.8	2x0.8	2400	
	2m/M5 (Class D)	6	CHL20DDS_S	4/0.66	17/2.8	2x0.8	1400	70
		9	CHL20DDS_S	4/0.66	17/2.8	2x0.8	1700	
		12	CHL20DDS_S	4/0.66	17/2.8	2x0.8	2000	
		15	CHL20DDS_S	4/0.66	17/2.8	2x0.8	2400	
		18	CHL20DDS_S	4/0.66	17/2.8	2x0.8	2700	

CH-B double girder hoist parameter table

Load capacity (kg)	FEM/ISO /CMAA	Lifting height (m)	Type of hoist	Lifting speed (m/min)	Lifting motor power (kw)	Travelling motor power (kw) (single girder/ double girder)	Double girder trolley gauge (mm)	Double girder trolley groove width (mm)
1600	2m/M5 (Class D)	6	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	1400	60
		9	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		12	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		15	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	1400	
		18	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	1700	
		24	CHXS016DDS_D	10/1.6	3.6/0.55	0.4/2x0.28	2000	
2000	3m/M6 (Class D)	6	CHXS020DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1400	60
		9	CHXS020DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1400	
		12	CHXS020DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1700	
	2m/M5 (Class D)	18	CHXS020DDS_D	10/1.6	6.1/0.9	0.4/2x0.28	1400	60
		24	CHXS020DDS_D	10/1.6	6.1/0.9	0.4/2x0.28	1700	
		30	CHXS020DDS_D	10/1.6	6.1/0.9	0.4/2x0.28	2000	
3200	2m/M5 (Class D)	6	CHXS032DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1400	60
		9	CHXS032DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1400	
		12	CHXS032DDS_D	5/0.8	3.6/0.55	0.4/2x0.28	1700	
	1Am/M4 (Class C)	18	CHXS032CDS_D	10/1.6	6.1/0.9	0.4/2x0.28	1400	
		24	CHXS032CDS_D	10/1.6	6.1/0.9	0.4/2x0.28	1700	
		30	CHXS032CDS_D	10/1.6	6.1/0.9	0.4/2x0.28	2000	
5000	2m/M5 (Class D)	6	CHS05DDS_D	5/0.8	6.1/0.9	0.4/2x0.28	1400	60
		9	CHS05DDS_D	5/0.8	6.1/0.9	0.4/2x0.28	1400	
		12	CHS05DDS_D	5/0.8	6.1/0.9	0.4/2x0.28	1700	
		15	CHS05DDS_D	5/0.8	6.1/0.9	0.4/2x0.28	2000	
		18	CHS05DDS_D	5/0.8	6.1/0.9	0.4/2x0.28	2400	
		12	CHS05DDS_D	10/1.6	11/1.8	0.6/2x0.28	1400	
		18	CHS05DDS_D	10/1.6	11/1.8	0.6/2x0.28	1700	
		24	CHS05DDS_D	10/1.6	11/1.8	0.6/2x0.28	2000	
		30	CHS05DDS_D	10/1.6	11/1.8	0.6/2x0.28	2400	
		36	CHS05DDS_D	10/1.6	11/1.8	0.6/2x0.28	2400	
6300	1Am/M4 (Class C)	6	CHS063CDS_D	5/0.8	6.1/0.9	0.6/2x0.28	1400	60
		9	CHS063CDS_D	5/0.8	6.1/0.9	0.6/2x0.28	1400	
		12	CHS063CDS_D	5/0.8	6.1/0.9	0.6/2x0.28	1700	
		15	CHS063CDS_D	5/0.8	6.1/0.9	0.6/2x0.28	2000	
		18	CHS063CDS_D	5/0.8	6.1/0.9	0.6/2x0.28	2400	
		6	CHM08DDS_D	5/0.8	11/1.8	0.8/2x0.6	1400	
8000	3m/M6 (Class D)	9	CHM08DDS_D	5/0.8	11/1.8	0.8/2x0.6	1400	60
		12	CHM08DDS_D	5/0.8	11/1.8	0.8/2x0.6	1700	
		15	CHM08DDS_D	5/0.8	11/1.8	0.8/2x0.6	2000	
		18	CHM08DDS_D	5/0.8	11/1.8	0.8/2x0.6	2400	