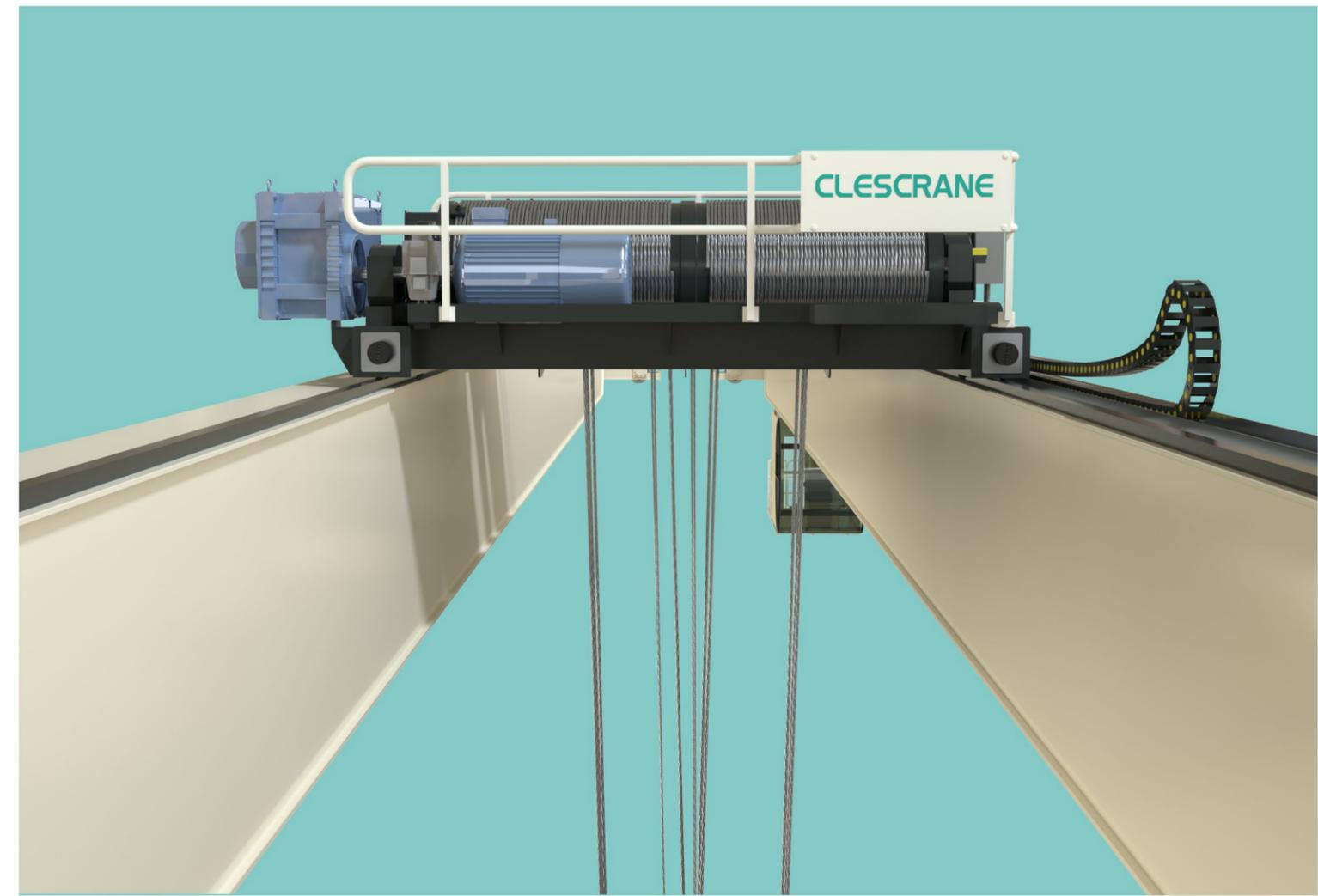


CW

HEAVY DUTY OPEN WINCH TROLLEY

Lifting Capacity: 5 000kg - 320 000kg



CLESCRANE

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Clescrane retains the rights to change on product design and specs. at any time.
When purchase and delivery, subject to our actual products.



ABOUT

With the target of "technology-driven, quality seize the market", Clecrane was established as a systems engineering company in the field of material handling in the year of 2012. Our services cover a wide range of industries, which includes manufacturing industry, processing industry, energy regeneration and so on.

We have been working with the international well-known Electrical companies in order to look for cooperation of intelligence hoisting machinery equipment. At the same time, our technical engineers are constantly providing customized designs for our customers' needs. Our equipment supervision team ensures the best quality of equipment for our customers. Our professional technical service team will provide zero-distance service to our customers. Clecrane is just on your side to help enhance your business and get sustainable development.

Technology is Clecrane survival principle, quality is the basic foundation of Clecrane survival. Depended on our own technology strength and supervision team, Clecrane has the professional sub-contractor who can provide us the good quality crane parts and control the whole cost in the competitive level. Clecrane intended to create an innovative lifting equipment export service companies and provide customers with the best solution and high-quality manufacturing products. With spirit of "customer first" business philosophy, Clecrane strategic objectives are not for the short-term interests instead of sacrifice the future. CLES people will wholeheartedly provide dedicated service for worldwide customers. When you choose Clecrane, you also increase security and efficiency for your business development at the same time.



CLESCRANE

>>CW SERIES HEAVY DUTY OPEN WINCH TROLLEY

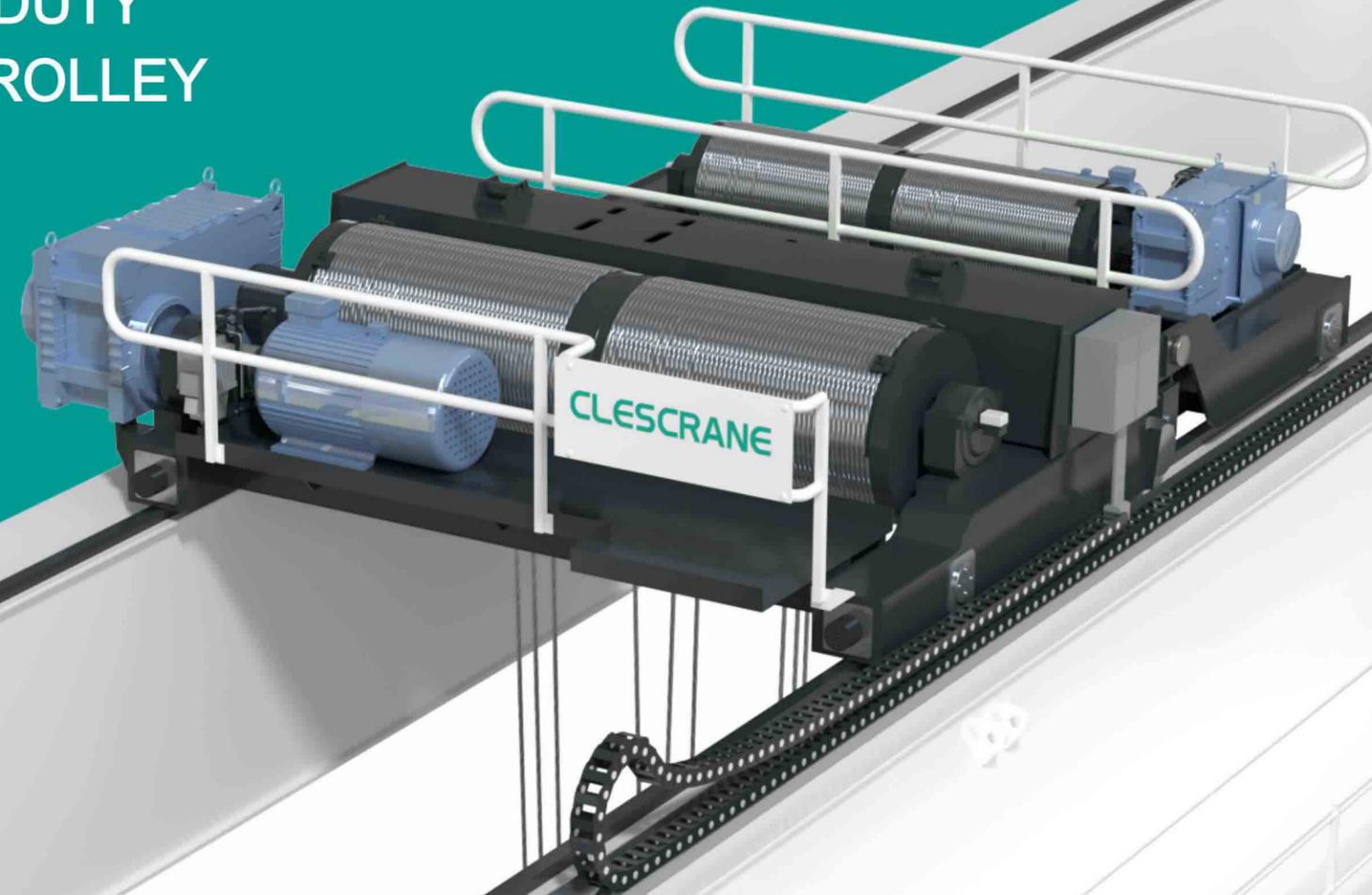
CW

SERIES HEAVY DUTY OPEN WINCH TROLLEY

Lifting Capacity: 5t~320t

Lifting Height: Customized

Working Class: M3,M4,M5,M6,M7,M8



CLESCRANE

ADVANTAGE

The max. lifting capacity can reach up to 320t to meet clients' requirements for various working areas.

Cranes with CW series open winch trolleys are of serialization, large service scope, complete equipment types and can lift 5t~320t loads according to different configurations. They are widely used in more than 30 industries, such as papermaking, shipbuilding, metallurgy, engineering machinery, etc.

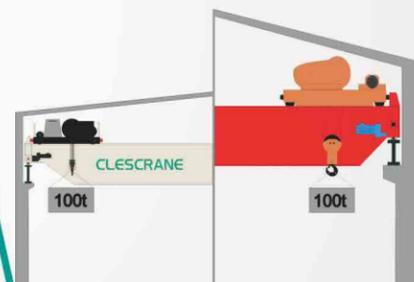
Full Series



Lighter dead weight and smaller headroom dimension reduce clients' workshop investment. It has a great value for money.

Cranes with CW series open winch trolleys adopt advanced design concept and high performance components to insure optimal design for the whole crane, lighter dead weight, smaller headroom dimension to reduce wheel load, total weight, impact force to the workshop, workshop height, clients' construction cost, heating expense and energy consumption, and increase clients' investment return ratio.

Efficient and Energy Saving



Modular design, less components, easy maintenance, great reduction on clients' use cost.

The adoption of "Modularization and Maintenance Free" design concepts decreases the quantity of components for cranes with CW series open winch trolleys sharply. The use of high performance components ensures the performance of the whole crane and great reduction of clients' use cost, easy maintenance, convenient overhaul and exchange, shorter maintenance time and enormous decrease of the loss caused by breakdown.

Easy Maintenance



Components of high quality ensure safety, high efficiency and excellent performance.

There are full series of safety control systems for cranes with CW series open winch trolleys to ensure safe and reliable operation. The adoption of frequency inverter control for the whole crane makes stable start, smaller impulse inertia and good performance.

High Performance



Human engineering design provides the best operation experience.

The advanced concept of "Humanity Design" makes the operation more comfortable and increases its production capacity and safety. Moreover, cranes with CW series open winch trolleys are of good performance, lower noise, smaller impulse and smaller swing range during lifting and lowering. All the details ensure clients to enjoy the operation easily.

Humanity Design



DESCRIPTION OF CLESCRANE LATEST WINCH SOLUTION

The lifting mechanism is of European type low headroom structure. "H" type whole structure, design of compact structure, high integration level and modularized parts can reduce its dead weight.

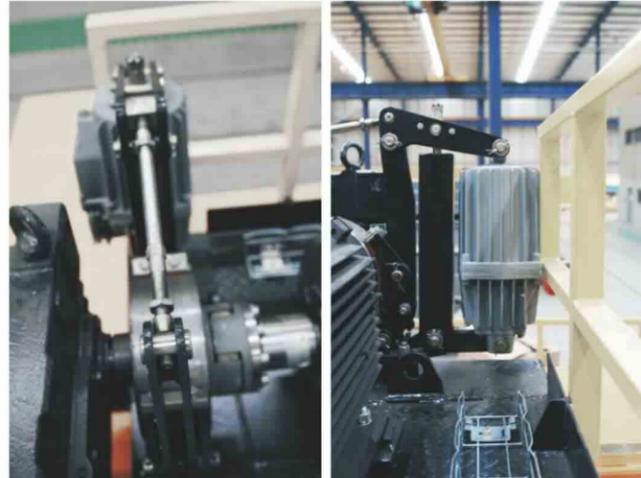
Frequency conversion controlled lifting motor is connected with the gearbox by flexible coupling. The lifting speed is controlled by the inverter to realize frequency control of motor speed.

The protection class of lifting motor is IP55 and its insulation class is H which can realize effective cooling and moisture & dust proof.



Hard teeth gearbox is designed to adapt to frequent and heavy working conditions. The low speed axle is connected with the drum directly and gears of all levels are hardening treated helical gears. Long-acting lubrication is realized by oil bath to ensure higher abrasion resistance and quiet running.





Standard electromagnetic braking unit, the band-type brake is for the brake wheel. It can brake effectively to ensure the safety during lifting process when the system stops or under the situation of abnormal power failure.

Double brake design, the braking torque of single unit of them can meet the max. safe braking torque to ensure the safety on lifting.

Cable channel wiring is adopted on all electric control cables to protect cables effectively. The whole layout is clear, simple and easy to maintain.

Compact layout of lifting mechanism, light dead weight and light wheel load require less on infrastructure. Compared with traditional trolley, it can reduce by more than 50% to reduce power consumption cost under same lifting capacity. The welding connection method between main girders and end carriages has been replaced by pin joint connection, bolt connection, etc. The bolt connection has improved from lightening flange or lightening pin plus bolt to high strength bolt connection. The connection plate of main girders and end carriages is not connected directly but connected with partial processing flat of it by gaskets. The connection of two ends of gaskets not only increases the connection area, but also overcomes the weakness of previously uneven connection. It is a very ideal connection method plus the easy installation and dismantlement because of conical pin positioning.



Including lifting limiter, overload protection and traveling limiter. All the effective protective measures are adopted on all the limiters to avoid the hidden danger caused by accidental damage.

Frequency conversion controlled electric traveling trolley with standard three-in-one driving unit can greatly reduce the abrasion of wheels and rails because of its good assembly and traveling accuracy.

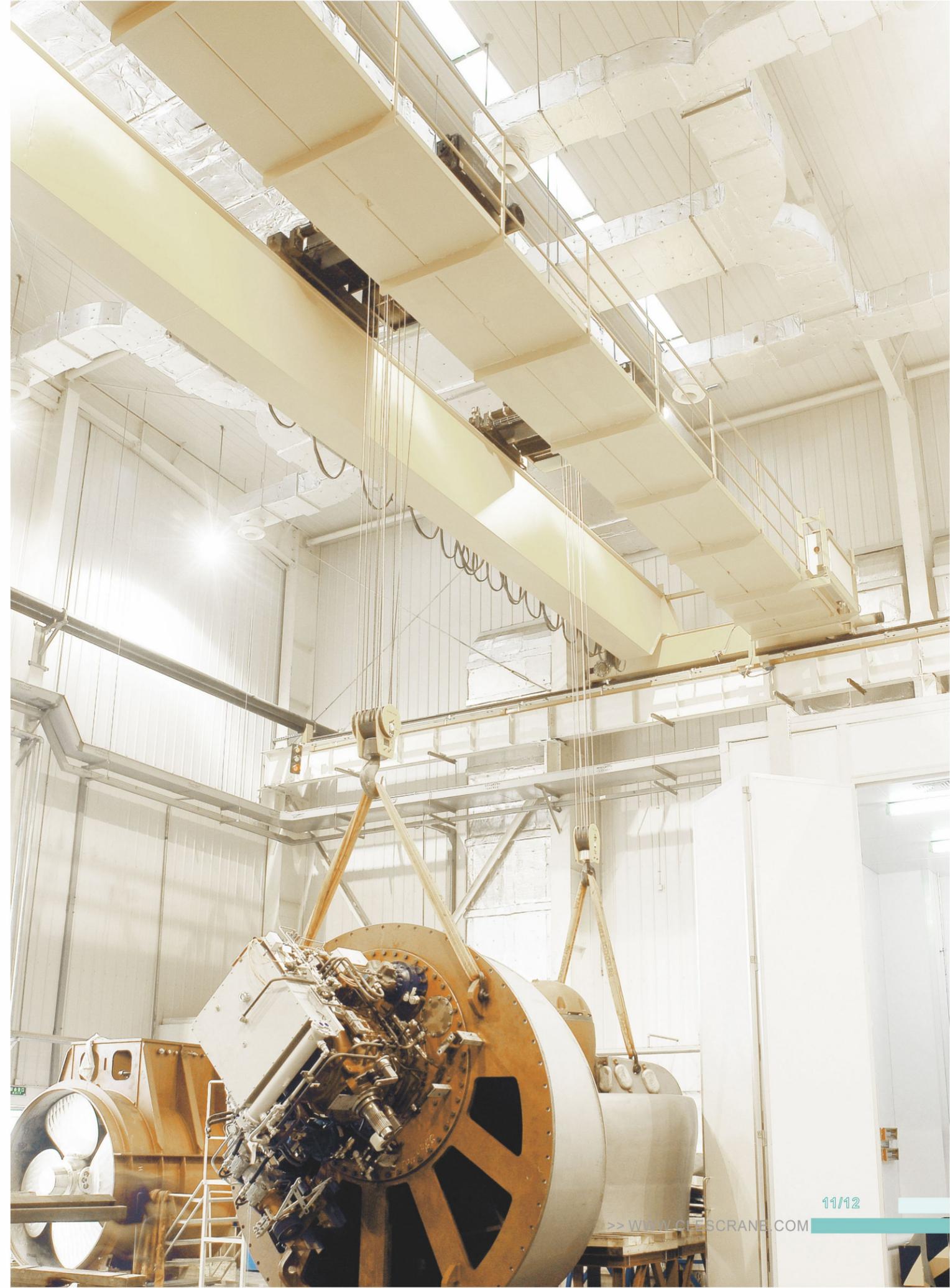
Standard driving unit installed on standard end carriage system can effectively ensure the assembly accuracy and realize fast maintenance and parts replacement.



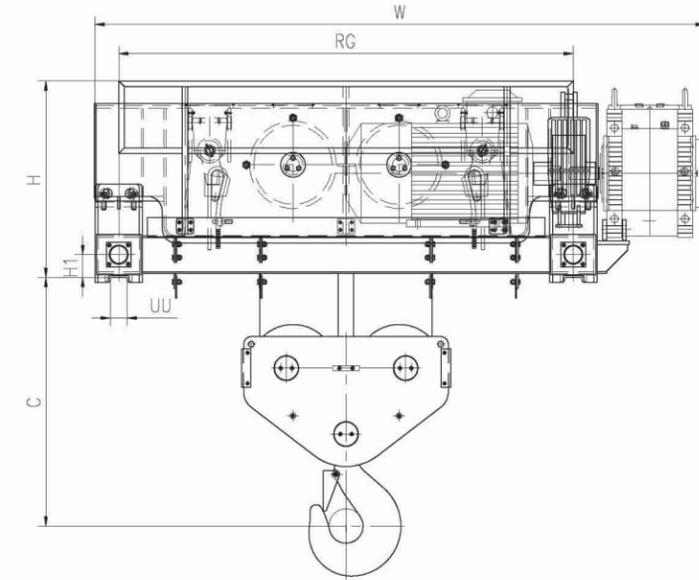
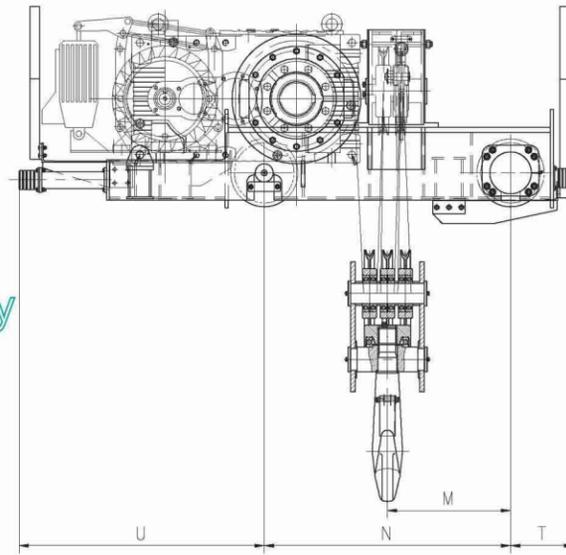
Holistic processing technology is adopted on end carriages whose processing accuracy ensures the assembly accuracy between wheel groups and end carriages. Easy maintenance allows the operator do daily check quickly according to random product manual. Because of the adoption of modular parts, the requirement on regular maintenance is low. Common maintenance staff can do it quickly.



PRODUCT APPLICATION



Parameters of
CW Series
Heavy Duty Open Winch Trolley



Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
32	2m/M5	9	8/2	405	3.5	15	200	20	24.2	1700	1000	809	120	2371	60-90	530	2408
32	2m/M5	9	8/2	405	5.0	15	200	20	32.2	1700	1000	809	120	2371	60-90	530	2408
32	2m/M5	9	8/2	405	6.0	15	200	20	39.2	1700	1000	809	120	2371	60-90	530	2408
32	2m/M5	9	8/2	405	7.5	15	200	20	47.2	1700	1000	809	120	2371	60-90	530	2408
32	2m/M5	11.5	8/2	405	3.5	15	200	20	24.2	2000	1000	809	120	2671	60-90	530	2408
32	2m/M5	11.5	8/2	405	5.0	15	200	20	32.2	2000	1000	809	120	2671	60-90	530	2408
32	2m/M5	11.5	8/2	405	6.0	15	200	20	39.2	2000	1000	809	120	2671	60-90	530	2408
32	2m/M5	11.5	8/2	405	7.5	15	200	20	47.2	2000	1000	809	120	2671	60-90	530	2408
32	2m/M5	15.5	8/2	405	3.5	15	200	20	24.2	2400	1000	809	120	3071	60-90	530	2408
32	2m/M5	15.5	8/2	405	5.0	15	200	20	32.2	2400	1000	809	120	3071	60-90	530	2408
32	2m/M5	15.5	8/2	405	6.0	15	200	20	39.2	2400	1000	809	120	3071	60-90	530	2408
32	2m/M5	15.5	8/2	405	7.5	15	200	20	47.2	2400	1000	809	120	3071	60-90	530	2408
32	2m/M5	18.5	8/2	405	3.5	15	200	20	24.2	2700	1000	809	120	3371	60-90	530	2408
32	2m/M5	18.5	8/2	405	5.0	15	200	20	32.2	2700	1000	809	120	3371	60-90	530	2408
32	2m/M5	18.5	8/2	405	6.0	15	200	20	39.2	2700	1000	809	120	3371	60-90	530	2408
32	2m/M5	18.5	8/2	405	7.5	15	200	20	47.2	2700	1000	809	120	3371	60-90	530	2408
32	2m/M5	21	8/2	405	3.5	15	200	20	24.2	3000	1000	809	120	3671	60-90	530	2408
32	2m/M5	21	8/2	405	5.0	15	200	20	32.2	3000	1000	809	120	3671	60-90	530	2408
32	2m/M5	21	8/2	405	6.0	15	200	20	39.2	3000	1000	809	120	3671	60-90	530	2408
32	2m/M5	21	8/2	405	7.5	15	200	20	47.2	3000	1000	809	120	3671	60-90	530	2408

Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
32	2m/M5	24.5	8/2	405	3.5	15	200	20	24.2	3400	1000	809	120	4071	60-90	530	2408
32	2m/M5	24.5	8/2	405	5.0	15	200	20	32.2	3400	1000	809	120	4071	60-90	530	2408
32	2m/M5	24.5	8/2	405	6.0	15	200	20	39.2	3400	1000	809	120	4071	60-90	530	2408
32	2m/M5	24.5	8/2	405	7.5	15	200	20	47.2	3400	1000	809	120	4071	60-90	530	2408
40	2m/M5	10.5	12/2	508	5.5	14	250	20	48	2000	1100	859	110	2705	70-100	555	3107
40	2m/M5	10.5	12/2	508	7.0	14	250	20	58	2000	1100	859	110	2705	70-100	555	3107
40	2m/M5	13.5	12/2	508	5.5	14	250	20	48	2400	1100	859	110	3105	70-100	555	3107
40	2m/M5	13.5	12/2	508	7.0	14	250	20	58	2400	1100	859	110	3105	70-100	555	3107
40	2m/M5	16	12/2	508	5.5	14	250	20	48	2700	1100	859	110	3405	70-100	555	3107
40	2m/M5	16	12/2	508	7.0	14	250	20	58	2700	1100	859	110	3405	70-100	555	3107
40	2m/M5	19	12/2	508	5.5	14	250	20	48	3000	1100	859	110	3705	70-100	555	3107
40	2m/M5	19	12/2	508	7.0	14	250	20	58	3000	1100	859	110	3705	70-100	555	3107
40	2m/M5	21.5	12/2	508	5.5	14	250	20	48	3400	1100	859	110	4105	70-100	555	3107
40	2m/M5	21.5	12/2	508	7.0	14	250	20	58	3400	1100	859	110	4105	70-100	555	3107
50	2m/M5	10.5	12/2	508	4.0	15	250	20	40	2000	1100	859	110	2724	70-100	555	3107
50	2m/M5	10.5	12/2	508	4.5	15	250	20	48	2000	1100	859	110	2724	70-100	555	3107
50	2m/M5	10.5	12/2	508	5.5	15	250	20	58	2000	1100	859	110	2724	70-100	555	3107
50	2m/M5	10.5	12/2	508	8.0	15	250	20	78	2000	1100	859	110	2724	70-100	555	3107
50	2m/M5	13.5	12/2	508	4.0	15	250	20	40	2400	1100	859	110	3124	70-100	555	3107
50	2m/M5	13.5	12/2	508	4.5	15	250	20	48	2400	1100	859	110	3124	70-100	555	3107
50	2m/M5	13.5	12/2	508	5.5	15	250	20	58	2400	1100	859	110	3124	70-100	555	3107
50	2m/M5	13.5	12/2	508	8.0	15	250	20	78	2400	1100	859	110	3124	70-100	555	3107
50	2m/M5	16	12/2	508	4.0	15	250	20	40	2700	1100	859	110	3424	70-100	555	3107
50	2m/M5	16	12/2	508	4.5	15	250	20	48	2700	1100	859	110	3424	70-100	555	3107
50	2m/M5	16	12/2	508	5.5	15	250	20	58	2700	1100	859	110	3424	70-100	555	3107
50	2m/M5	16	12/2	508	8.0	15	250	20	78	2700	1100	859	110	3424	70-100	555	3107
50	2m/M5	19	12/2	508	4.0	15	250	20	40	3000	1100	859	110	3724	70-100	555	3107
50	2m/M5	19	12/2	508	4.5	15	250	20	48	3000	1100	859	110	3724	70-100	555	3107
50	2m/M5	19	12/2	508	5.5	15	250	20	58	3000	1100	859	110	3724	70-100	555	3107
50	2m/M5	19	12/2	508	8.0	15	250	20	78	3000	1100	859	110	3724	70-100	555	3107
50	2m/M5	21.5	12/2	508	4.0	15	250	20	40	3400	1100	859	110	4124	70-100	555	3107
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50	2m/M5	21.5	12/2	508	5.5	15	250	20	58	3400	1100	859	110	4124	70-100	555	3107
50	2m/M5	21.5	12/2	508	8.0	15	250	20	78	3400	1100	859	110	4124	70-100	555	3107

Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
63	2m/M5	9.5	12/2	608	1.8	16	320	20	41.4	2000	1300	978	120	2775	70-100	587	3293
63	2m/M5	9.5	12/2	608	2.1	16	320	20	49.4	2000	1300	978	120	2775	70-100	587	3293
63	2m/M5	9.5	12/2	608	2.5	16	320	20	59.4	2000	1300	978	120	2775	70-100	587	3293
63	2m/M5	9.5	12/2	608	3.6	16	320	20	79.4	2000	1300	978	120	2775	70-100	587	3293
63	2m/M5	12.5	12/2	608	1.8	16	320	20	41.4	2400	1300	978	120	3175	70-100	587	3293
63	2m/M5	12.5	12/2	608	2.1	16	320	20	49.4	2400	1300	978	120	3175	70-100	587	3293
63	2m/M5	12.5	12/2	608	2.5	16	320	20	59.4	2400	1300	978	120	3175	70-100	587	3293
63	2m/M5	12.5	12/2	608	3.6	16	320	20	79.4	2400	1300	978	120	3175	70-100	587	3293
63	2m/M5	15	12/2	608	1.8	16	320	20	41.4	2700	1300	978	120	3475	70-100	587	3293
63	2m/M5	15	12/2	608	2.1	16	320	20	49.4	2700	1300	978	120	3475	70-100	587	3293
63	2m/M5	15	12/2	608	2.5	16	320	20	59.4	2700	1300	978	120	3475	70-100	587	3293
63	2m/M5	15	12/2	608	3.6	16	320	20	79.4	2700	1300	978	120	3475	70-100	587	3293
63	2m/M5	17.5	12/2	608	1.8	16	320	20	41.4	3000	1300	978	120	3775	70-100	587	3293
63	2m/M5	17.5	12/2	608	2.1	16	320	20	49.4	3000	1300	978	120	3775	70-100	587	3293
63	2m/M5	17.5	12/2	608	2.5	16	320	20	59.4	3000	1300	978	120	3775	70-100	587	3293
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63	2m/M5	20	12/2	608	1.8	16	320	20	41.4	3400	1300	978	120	4175	70-100	587	3293
63	2m/M5	20	12/2	608	2.1	16	320	20	49.4	3400	1300	978	120	4175	70-100	587	3293
63	2m/M5	20	12/2	608	2.5	16	320	20	59.4	3400	1300	978	120	4175	70-100	587	3293
63	2m/M5	20	12/2	608	3.6	16	320	20	79.4	3400	1300	978	120	4175	70-100	587	3293
75	2m/M5	9	12/2	608	2.7	20	320	20	41.4	2000	1300	1029	130	2828	70-100	650	3478
75	2m/M5	9	12/2	608	3.0	20	320	20	49.4	2000	1300	1029	130	2828	70-100	650	3478
75	2m/M5	9	12/2	608	3.8	20	320	20	59.4	2000	1300	1029	130	2828	70-100	650	3478
75	2m/M5	9	12/2	608	5.0	20	320	20	79.4	2000	1300	1029	130	2828	70-100	650	3478
75	2m/M5	9	12/2	608	6.0	20	320	20	94.4	2000	1300	1029	130	2828	70-100	650	3478
75	2m/M5	12	12/2	608	2.7	20	320	20	41.4	2400	1300	1029	130	3228	70-100	650	3478
75	2m/M5	12	12/2	608	3.0	20	320	20	49.4	2400	1300	1029	130	3228	70-100	650	3478
75	2m/M5	12	12/2	608	3.8	20	320	20	59.4	2400	1300	1029	130	3228	70-100	650	3478
75	2m/M5	12	12/2	608	5.0	20	320	20	79.4	2400	1300	1029	130	3228	70-100	650	3478
75	2m/M5	12	12/2	608	6.0	20	320	20	94.4	2400	1300	1029	130	3228	70-100	650	3478
75	2m/M5	14	12/2	608	2.7	20	320	20	41.4	2700	1300	1029	130	3528	70-100	650	3478
75	2m/M5	14	12/2	608	3.0	20	320	20	49.4	2700	1300	1029	130	3528	70-100	650	3478
75	2m/M5	14	12/2	608	3.8	20	320	20	59.4	2700	1300	1029	130	3528	70-100	650	3478
75	2m/M5	14	12/2	608	5.0	20	320	20	79.4	2700	1300	1029	130	3528	70-100	650	3478

Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
75	2m/M5	14	12/2	608	6.0	20	320	20	94.4	2700	1300	1029	130	3528	70-100	650	3478
75	2m/M5	17	12/2	608	2.7	20	320	20	41.4	3000	1300	1029	130	3828	70-100	650	3478
75	2m/M5	17	12/2	608	3.0	20	320	20	49.4	3000	1300	1029	130	3828	70-100	650	3478
75	2m/M5	17	12/2	608	3.8	20	320	20	59.4	3000	1300	1029	130	3828	70-100	650	3478
75	2m/M5	17	12/2	608	5.0	20	320	20	79.4	3000	1300	1029	130	3828	70-100	650	3478
75	2m/M5	17	12/2	608	6.0	20	320	20	94.4	3000	1300	1029	130	3828	70-100	650	3478
75	2m/M5	19	12/2	608	2.7	20	320	20	41.4	3400	1300	1029	130	4228	70-100	650	3478
75	2m/M5	19	12/2	608	3.0	20	320	20	49.4	3400	1300	1029	130	4228	70-100	650	3478
75	2m/M5	19	12/2	608	3.8	20	320	20	59.4	3400	1300	1029	130	4228	70-100	650	3478
75	2m/M5	19	12/2	608	5.0	20	320	20	79.4	3400	1300	1029	130	4228	70-100	650	3478
75	2m/M5	19	12/2	608	6.0	20	320	20	94.4	3400	1300	1029	130	4228	70-100	650	3478
75	2m/M5	22	12/2	608	2.7	20	320	20	41.4	3800	1300	1029	130	4628	70-100	650	3478
75	2m/M5	22	12/2	608	3.0	20	320	20	49.4	3800	1300	1029	130	4628	70-100	650	3478
75	2m/M5	22	12/2	608	3.8	20	320	20	59.4	3800	1300	1029	130	4628	70-100	650	3478
75	2m/M5	22	12/2	608	5.0	20	320	20	79.4	3800	1300	1029	130	4628	70-100	650	3478
75	2m/M5	22	12/2	608	6.0	20	320	20	94.4	3800	1300	1029	130	4628	70-100	650	3478
100	2m/M5	14	12/2	850	2.1	20	250	20	45	2700	1500	1150	115	3708	70-100	480	4312
100	2m/M5	14	12/2	850	2.3	20	250	20	53	2700	1500	1150	115	3708	70-100	480	4312
100	2m/M5	14	12/2	850	2.9	20	250	20	63	2700	1500	1150	115	3708	70-100	480	4312
100	2m/M5	14	12/2	850	4.0	20	250	20	83	2700	1500	1150	115	3708	70-100	480	4312
100	2m/M5	14	12/2	850	4.5	20	250	20	98	2700	1500	1150	115	3708	70-100	480	4312
100	2m/M5	17.5	12/2	850	2.1	20	250	20	45	3000	1500	1150	115	4008	70-100	480	4312
100	2m/M5	17.5	12/2	850	2.3	20	250	20	53	3000	1500	1150	115	4008	70-100	480	4312
100	2m/M5	17.5	12/2	850	2.9	20	250	20	63	3000	1500	1150	115	4008	70-100	480	4312
100	2m/M5	17.5	12/2	850	4.0	20	250	20	83	3000	1500	1150	115	4008	70-100	480	4312
100	2m/M5	17.5	12/2	850	4.5	20	250	20	98	3000	1500	1150	115	4008	70-100	480	4312
100	2m/M5	19.5	12/2	850	2.1	20	250	20	45	3400	1500	1150	115	4408	70-100	480	4312
100	2m/M5	19.5	12/2	850	2.3	20	250	20	53	3400	1500	1150	115	4408	70-100	480	4312
100	2m/M5	19.5	12/2	850	2.9	20	250	20	63	3400	1500	1150	115	4408	70-100	480	4312
100	2m/M5	19.5	12/2	850	4.0	20	250	20	83	3400	1500	1150	115	4408	70-100	480	4312
100	2m/M5	19.5	12/2	850	4.5	20	250	20	98	3400	1500	1150	115	4408	70-100	480	4312
100	2m/M5	22.5	12/2	850	2.1	20	250	20	45	3800	1500	1150	115	4808	70-100	480	4312
100	2m/M5	22.5	12/2	850	2.3	20	250	20	53	3800	1500	1150	115	4808	70-100	480	4312
100	2m/M5	22.5	12/2	850	2.9	20	250	20	63	3800	1500	1150	115	4808	70-100	480	4312

Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
100	2m/M5	22.5	12/2	850	4.0	20	250	20	83	3800	1500	1150	115	4808	70-100	480	4312
100	2m/M5	22.5	12/2	850	4.5	20	250	20	98	3800	1500	1150	115	4808	70-100	480	4312
100	2m/M5	25.5	12/2	850	2.1	20	250	20	45	4200	1500	1150	115	5208	70-100	480	4312
100	2m/M5	25.5	12/2	850	2.3	20	250	20	53	4200	1500	1150	115	5208	70-100	480	4312
100	2m/M5	25.5	12/2	850	2.9	20	250	20	63	4200	1500	1150	115	5208	70-100	480	4312
100	2m/M5	25.5	12/2	850	4.0	20	250	20	83	4200	1500	1150	115	5208	70-100	480	4312
100	2m/M5	25.5	12/2	850	4.5	20	250	20	98	4200	1500	1150	115	5208	70-100	480	4312
125	2m/M5	14	16/2	850	1.1	20	320	20	48	2700	1800	1350	155	3707	70-100	500	4556
125	2m/M5	14	16/2	850	2.1	20	320	20	56	2700	1800	1350	155	3707	70-100	500	4556
125	2m/M5	14	16/2	850	2.6	20	320	20	66	2700	1800	1350	155	3707	70-100	500	4556
125	2m/M5	14	16/2	850	3.3	20	320	20	86	2700	1800	1350	155	3707	70-100	500	4556
125	2m/M5	17	16/2	850	1.1	20	320	20	101	3000	1800	1350	155	4007	70-100	500	4556
125	2m/M5	17	16/2	850	2.1	20	320	20	48	3000	1800	1350	155	4007	70-100	500	4556
125	2m/M5	17	16/2	850	2.6	20	320	20	56	3000	1800	1350	155	4007	70-100	500	4556
125	2m/M5	17	16/2	850	3.3	20	320	20	66	3000	1800	1350	155	4007	70-100	500	4556
125	2m/M5	19.5	16/2	850	1.1	20	320	20	86	3400	1800	1350	155	4407	70-100	500	4556
125	2m/M5	19.5	16/2	850	2.1	20	320	20	101	3400	1800	1350	155	4407	70-100	500	4556
125	2m/M5	19.5	16/2	850	2.6	20	320	20	48	3400	1800	1350	155	4407	70-100	500	4556
125	2m/M5	19.5	16/2	850	3.3	20	320	20	56	3400	1800	1350	155	4407	70-100	500	4556
125	2m/M5	22.5	16/2	850	1.1	20	320	20	66	3800	1800	1350	155	4807	70-100	500	4556
125	2m/M5	22.5	16/2	850	2.1	20	320	20	86	3800	1800	1350	155	4807	70-100	500	4556
125	2m/M5	22.5	16/2	850	2.6	20	320	20	101	3800	1800	1350	155	4807	70-100	500	4556
125	2m/M5	22.5	16/2	850	3.3	20	320	20	48	3800	1800	1350	155	4807	70-100	500	4556
125	2m/M5	25.5	16/2	850	1.1	20	320	20	56	4200	1800	1350	155	5207	70-100	500	4556
125	2m/M5	25.5	16/2	850	2.1	20	320	20	66	4200	1800	1350	155	5207	70-100	500	4556
125	2m/M5	25.5	16/2	850	2.6	20	320	20	86	4200	1800	1350	155	5207	70-100	500	4556
125	2m/M5	25.5	16/2	850	3.3	20	320	20	101	4200	1800	1350	155	5207	70-100	500	4556
160	1Am/M4	14.5	16/2	850	1.3	22	320	20	48	3000	1800	1350	155	4007	70-100	500	4556
160	1Am/M4	14.5	16/2	850	1.4	22	320	20	56	3000	1800	1350	155	4007	70-100	500	4556
160	1Am/M4	14.5	16/2	850	1.8	22	320	20	66	3000	1800	1350	155	4007	70-100	500	4556
160	1Am/M4	14.5	16/2	850	2.5	22	320	20	86	3000	1800	1350	155	4007	70-100	500	4556
160	1Am/M4	14.5	16/2	850	2.8	22	320	20	101	3000	1800	1350	155	4007	70-100	500	4556
160	1Am/M4	17.5	16/2	850	1.3	22	320	20	48	3400	1800	1350	155	4407	70-100	500	4556
160	1Am/M4	17.5	16/2	850	1.4	22	320	20	56	3400	1800	1350	155	4407	70-100	500	4556

Lifting Capacity (t)	Working Class FEM/ISO	Max. Lifting Height (m)	Pulley Ratio	Drum Dia. (mm)	Lifting Speed (m/min)	Wire Rope Dia. (mm)	Wheel Dia. (mm)	Traveling Speed (m/min)	Total Power (KW)	RG Rail Gauge (mm)	C (mm)	H Height (mm)	H1 Height of Buffer Center (mm)	W Width (mm)	UU Width Of Wheel Groove (mm)	M (mm)	N+U+T Trolley Length (mm)
160	1Am/M4	17.5	16/2	850	1.8	22	320	20	66	3400	1800	1350	155	4407	70-100	500	4556
160	1Am/M4	17.5	16/2	850	2.5	22	320	20	86	3400	1800	1350	155	4407	70-100	500	4556
160	1Am/M4	17.5	16/2	850	2.8	22	320	20	101	3400	1800	1350	155	4407	70-100	500	4556
160	1Am/M4	20.5	16/2	850	1.3	22	320	20	48	3800	1800	1350	155	4807	70-100	500	4556
160	1Am/M4	20.5	16/2	850	1.4	22	320	20	56	3800	1800	1350	155	4807	70-100	500	4556
160	1Am/M4	20.5	16/2	850	1.8	22	320	20	66	3800	1800	1350	155	4807	70-100	500	4556
160	1Am/M4	20.5	16/2	850	2.5	22	320	20	86	3800	1800	1350	155	4807	70-100	500	4556
160	1Am/M4	20.5	16/2	850	2.8	22	320	20	101	3800	1800	1350	155	4807	70-100	500	4556
160	1Am/M4	23	16/2	850	1.3	22	320	20	48	4200	1800	1350	155	5207	70-100	500	4556
160	1Am/M4	23	16/2	850	1.4	22	320	20	56	4200	1800	1350	155	5207	70-100	500	4556
160	1Am/M4	23	16/2	850	1.8	22	320	20	66	4200	1800	1350	155	5207	70-100	500	4556
160	1Am/M4	23	16/2	850	2.5	22	320	20	86	4200	1800	1350	155	5207	70-100	500	4556
160	1Am/M4	23	16/2	850	2.8	22	320	20	101	4200	1800	1350	155	5207	70-100	500	4556