





Our Promise

Heben Technovation Pvt. Ltd. excels with **200+ specialists** ensuring top-tier material handling solutions. Our 48-hour resolution commitment and **24/7 support** keep your equipment running at peak performance, maximizing productivity and minimizing downtime.

“The Future Of Lifting Solution”

Mission

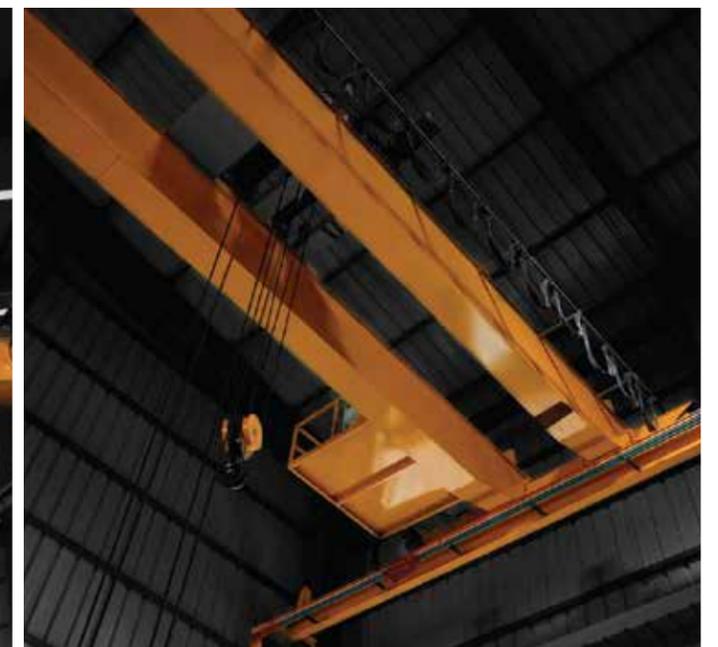
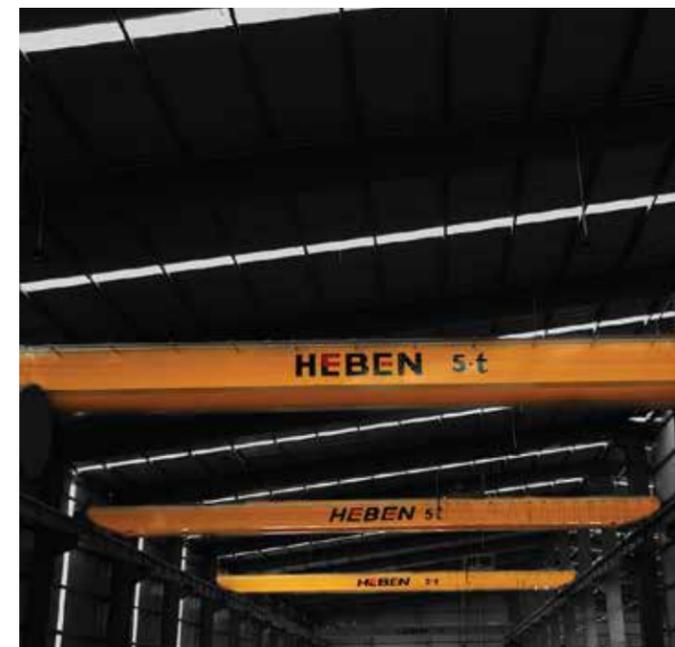
Delivering innovative, reliable material handling solutions that maximize efficiency, safety, and productivity, with a focus on quality, customization, and exceptional service.

Vision

To be a global leader in material handling, driving excellence, sustainability, innovation, and lasting client partnerships.

We are the apex force of EOT cranes, charging ahead with unstoppable momentum, rewriting the standards of material handling. Fueled by relentless innovation, we craft machines that don't just work—they dominate, delivering unmatched durability, precision, and performance. With every crane, we redefine productivity, shatter limits, and build credibility that stands unchallenged. This isn't just engineering—it's a revolution in motion, an unstoppable drive to elevate industry benchmarks and leave every competitor in the dust. There's no slowing down—just excellence, powered forward.

Welcome to
HEBEN
CRANES



Our Story

- **2016**
Emergence Of Expertise
- **2017**
Onset of Manufacturing
- **2018**
New Manufacturing Hub
- **2019**
Technological Headway
- **2022**
The Conquest Of Critical Sectors
- **2020-21**
The Era Of Transformation
- **2023-24**
Strategic Partnerships

EOT CRANES

This is a revolutionary piece of machinery that has transformed industries worldwide. Originating from a need to enhance efficiency in construction and logistics, the EOT Crane has become synonymous with innovation and reliability. In 2023 alone, Heben Cranes reported sales exceeding 850 units globally, showcasing its immense popularity and trust among users. Imagine a construction site bustling with activity, where the EOT Crane effortlessly hoists heavy steel beams into place, a feat that once required extensive manpower and time. This crane operates on an intricate system of pulleys and motors, allowing it to

lift loads of up to 100 tons with precision and ease. Users rave about its smooth operation and minimal maintenance needs, often sharing stories of how it has significantly reduced project timelines. The claim of the EOT Crane's superiority is backed by rigorous testing and certifications from leading engineering bodies, ensuring safety and performance standards are met or exceeded. Beyond its practical applications, the EOT Crane has sparked unexpected benefits; for instance, its introduction in urban areas has led to the revitalization of local economies by enabling faster construction of essential infrastructure.



Single Girder Crane



Single-girder overhead traveling cranes are meant to maximize your productivity. Limited space? No problem. Our compact design reaches higher hook positions, giving you the lifting power you need, even in the tightest spots. This means you can store more, access more, and do more with your existing space.

Feature Set

- Available with rolled section or box girders
- Various girder connection versions for space-saving configuration
- Underslung models for ceiling-mounted tracks
- Wall-traveling models for operation on a separate track

Complete Crane Lineup



Capacity
Up to 20 Tons

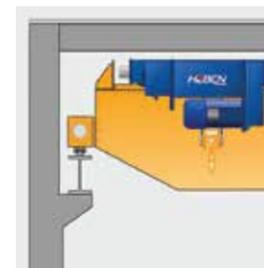
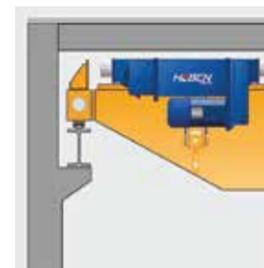


Span
35 Mtr.



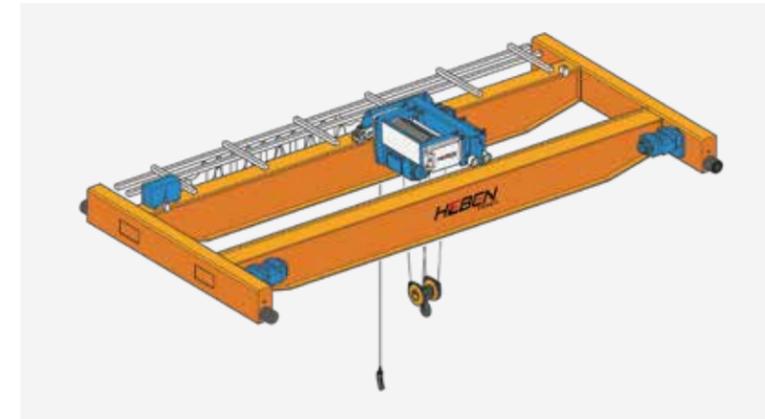
Lift
18 Mtr. Onwards

Main Girder Connection Versions To Suit Factory Conditions





Double Girder Crane



Move plenty with Double girder cranes—made to take up loads up to 120 tons without difficulty. The robust design and welded box beams guarantee safe and reliable performance, even under the most extreme conditions. Yet, Heben cranes adapt to your workspace, not the other way around. With flexible girder configurations, our cranes seamlessly integrate into your existing infrastructure.

Feature Set

- Welded box beams for high-performance and low-weight
- Various main girder connection configurations
- Optional stooled-down crab units for low-headroom applications
- Maintenance platforms for easy access to components
- Twin hoist operation for heavy and bulky loads

Complete Crane Lineup



Capacity
Up to 150 Tons

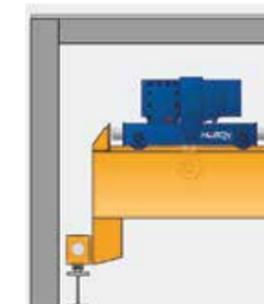
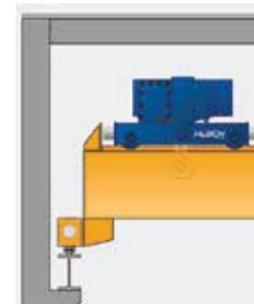
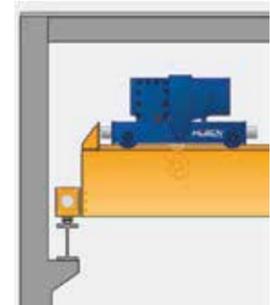
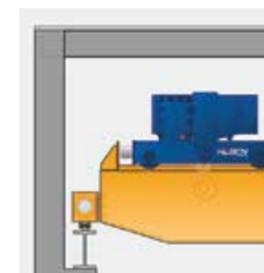
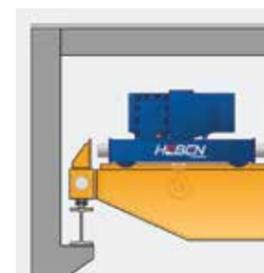
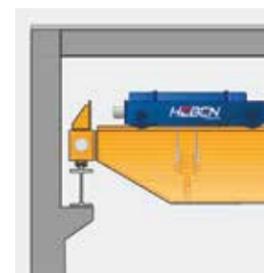


Span
Up to 42 Mtr. 18 Mtr. Onwards



Lift
18 Mtr. Onwards

Main Girder Connection Versions To Suit Factory Conditions





Under Slung Single & Double Girder Crane



Heben underslung cranes are an excellent option if you want to get a factory floor with no obstructing columns. These ceiling-mounted cranes open up your workspace, allowing for better workflow, increased storage, and improved safety. We know, every inch matters. That's why, these underslung cranes are engineered with minimal side approach dimensions and customizable cantilevers, ensuring you can utilize every corner of your facility.

Feature Set

- Available with rolled section or box girders
- Main girder connection versions for optimized hook height
- Minimum side approach dimensions and customizable cantilevers
- Ideal for complex factory configurations and tight spaces

Complete Crane Lineup



Capacity
Up to 8 Tons



Span
Up to 25 Mtr.



Lift
12 Mtr. Onwards

Main Girder Connection Versions To Suit Factory Conditions





A Frame / Goliath Crane



A-Frame / Goliath Cranes are freestanding structures designed to move heavy loads easily. They have wheels that run on the floor or on rails, allowing the load to be moved along the span for assembly, fabrication, and transfer. These cranes take up minimal space while providing maximum access. Users can control the crane easily using a control pendant or radio remote control.

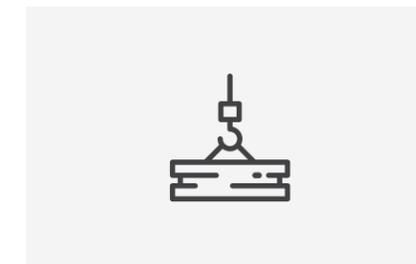
Feature Set

- Best suitable in places where mounting cranes is impossible on building structures.
- They can be installed indoors and outdoors.
- The hoist can reach spaces outside the support legs with the help of the extended main girder.

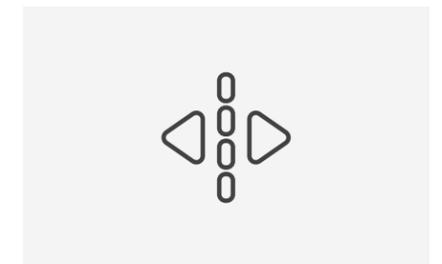
Complete Crane Lineup



Capacity
Up to 200 Tons



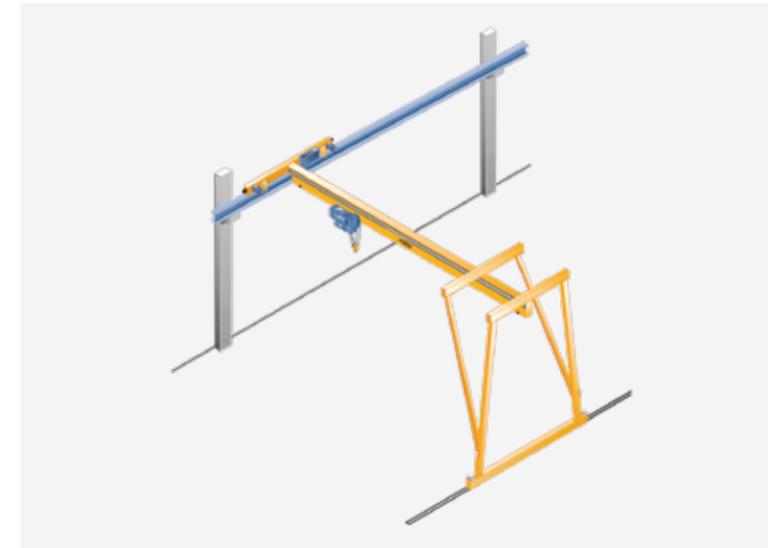
Span
Up to 30 Mtr.



Lift
12 Mtr. Onwards



Semi Goliath Crane



The semi-goliath cranes are meant for complex material handling environments. They integrate with your existing overhead system. Heben semi-goliath cranes operate perpendicularly, allowing them to serve multiple adjacent workstations. This gives a smooth workflow and fortifies productivity. Escorts standard safety features like obstacle detection and lift-off prevention.

Feature Set

- Torsion-resistant box girder construction
- No floor-level guide rail required
- Lift-off prevention and obstacle detection systems
- Operates beneath larger overhead crane systems

Complete Crane Lineup



Capacity
Up to 50 Tons



Span
Up to 15 Mtr.



Lift
12 Mtr. Onwards

Main Girder Connection Versions To Suit Factory Conditions



Guide rollers on the high level end carriage as standard



Obstacle detection on the floor level end carriage as standard and no guide rail on the floor required



Highly visible flashing lights at operator level



Jib Cranes



Heben jib cranes are a smart choice for targeted lifting power in any workspace. They are specially designed to cover an express radius, making them perfect for loading, unloading, and workbench tasks. Escorts have a slewing range of up to 360°, depending on the model.

Feature Set

- Jib length up to 10m (depending on load capacity)
- Slewing range up to 360°
- Available in pillar and wall-mounted configurations
- Ideal for localized lifting and workbench applications

Complete Crane Lineup



Capacity
Up to 6.3 Tons



Span
2 Mtr. to 8 Mtr.



Lift
10 Mtr. Onwards

Types of Jib Cranes



Wall Jib Crane



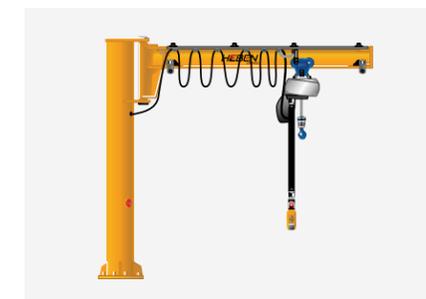
Wall Jib Crane



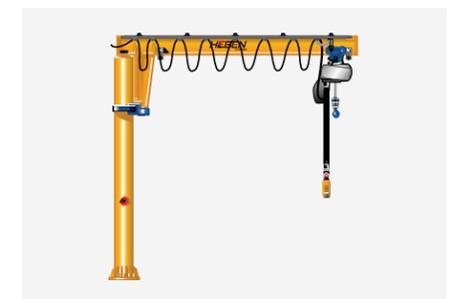
Wall Jib Crane



Pillar Jib Crane



Pillar Jib Crane



Pillar Jib Crane



Straight Monorail Crane



Straight Monorail provides a straightforward and efficient solution for moving materials along a dedicated path. They consist of a single beam (I-beam, box section, or profile type) supported by pillars, along which a hoist travels. Straight monorails are ideal for point-to-point transport of loads up to 12.5 tons over distances up to 12 meters. They offer a simple, adaptable solution with manual or powered travel options.

Feature Set

- Hoist motion is along a straight line.
- Simple construction.
- Suitable for movement of load from one point to another.
- Support pillars can be one, two, three, or even four based on the requirement

Complete Crane Lineup



Capacity
Up to 12.5 Tons



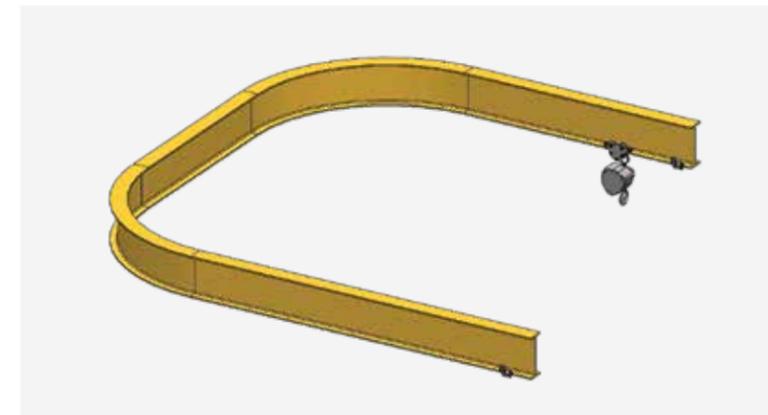
Span
Up to 12 Mtr.



Lift
10 Mtr. Onwards



Curved Monorail Crane



Curved monorails, on the other hand, create a closed-loop track for continuous or cyclical processes. Accompanied by a capacity of up to 3.2 tons and a minimum radius of 1.5 meters, they are well-suited for repetitive tasks and optimized workflows. Both types offer cost-effective material handling with minimal footprint.

Feature Set

- The curved monorail has a closed path and is suitable for closed-loop operations like cyclic processes.
- Simple in construction and cost-efficient.
- The bus bar supplies power and it is fitted along the path with the main girder.

Complete Crane Lineup



Capacity
Up to 3.2 Tons



Span
Up to 12 Mtr.



Lift
10 Mtr. Onwards



Wall Travelling Crane



The wall-travelling cranes unlock a whole new dimension of material handling in your facility. They work beneath your existing overhead system. These cranes maximize your vertical space, allowing for independent material handling at multiple levels, and reducing congestion in your space.

Feature Set

- Jib lengths up to 12m
- Welded box girder for enhanced stability
- Tandem operation capability for precise positioning of long loads
- Ideal for operation beneath larger overhead crane systems

Complete Crane Lineup



Capacity
Up to 5 Tons



Span
2 Mtr. to 8 Mtr.



Lift
10 Mtr. Onwards

With two hoists in tandem operation, HEBEN single girder wall travelling cranes can also be used for the precise positioning of long loads.



Heben Crane Kits

The Crane kit is available for the following crane types

- ▶ Double girder overhead crane with a capacity up to 80 ton
- ▶ Single girder overhead crane with a capacity up to 25 ton
- ▶ Overhead crane with a capacity up to 12.5 ton
- ▶ Spans up to 30 m as standard (larger spans available upon request)
- ▶ Special crane kits available upon request
- ▶ Additional equipment available
- ▶ Main girder connection using high tension bolts

Standard Heben Hoist

- ▶ Hook travel up to 15 m
- ▶ Continuously variable trolley motion up to 32 m/min
- ▶ Either 2-step or continuously variable hoisting movement
- ▶ Capacity up to 80 ton

Standard Bridge Panel

- ▶ IP54 or IP65 design
- ▶ Schneider electrical components
- ▶ Complete with metal connectors

Standard Pendant Control

- ▶ Version with metal connector
- ▶ Integrated strain relief rope

Standard Cable Festoon System

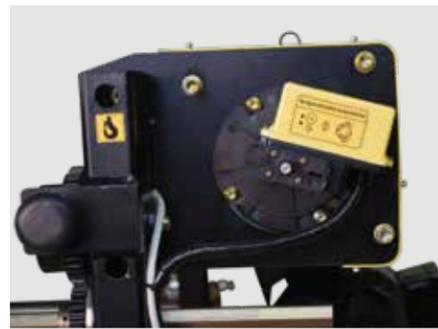
- ▶ Version with metal connectors
- ▶ Version with metal cable trolleys
- ▶ Rubber cables for outdoor operation

Standard Endtruck

- ▶ Continuously variable crane motion up to 63 m/min
- ▶ Complete with main girder connection plate, bolts & crane bumper



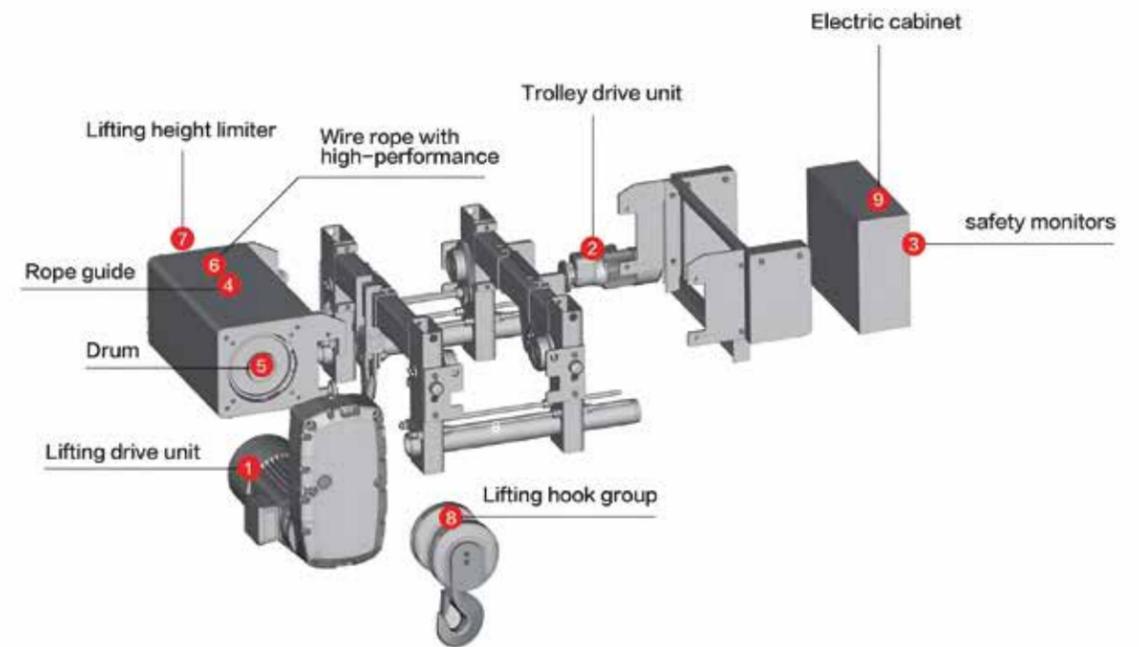
Single Girder Wire Rope Hoist



The hoist in a single girder crane is meant for lightweight and compact applications. Typically mounted on the underside of the girder, these hoists utilize a simple yet effective mechanism, often employing electric or manual chain systems to lift loads. The design allows for higher hook positions, maximizing vertical space and enhancing overall lifting height. Lifting capacities generally range from 1 ton to 20 tons. The integration of advanced safety features, such as overload protection & emergency stop functions, ensures reliable operation even under demanding conditions.

Feature Set

- Compact design for limited space applications.
- Lifting capacities range from 1 ton to 20 tons.
- Advanced safety features ensure reliable operation.



Lifting drive unit

Reducer, lifting motor and brake design Three in one. The service life of Asbestos-free brake can be up to one million times. The brake torque is two times of motor rated torque. The manual release, encoder & special match is also available for choose.



Brake

Automatic adjustment on brake clearance, anti-dust design, asbestos-free brake lining, quick action, high reliability.



Trolley drive unit

Three in one structure of motor, reduction gearbox and brake. Aluminum alloy shell ensures durability with fast heat dissipation. Variable frequency control offers smooth, low-noise operation.



Drum

The depth of rope groove is in compliance with the FEM standard. High-strength pressing plates and bolts are fastened on the end of the wire rope to ensure the safety of lifting.



Eurohoist safety monitors

Intelligent monitoring system, safe and practical, friendly human-machine interface and easy operation. The monitor can record the running time of hoist, the times of overload, etc to be convenient for the maintenance.



Lifting height limiter

Freely adjustable screw height ensures precision, safety, and reliability. Multiple configurations enable smooth transitions between speeds and stops.



Rope guide

Prevent wire rope from skipping and losing to off groove and safety first. It is made of engineering plastics(or nodular cast iron), light weight, good wear resistance, and reduce the wear of wire rope effectively.



Lifting hook group

The lifting hook(DIN standard) is with safety latch and wire rope sheath ergonomic design. Forged by the high-strength material of T grade.



Wire rope

High performance wire rope, and the tensile strength is up to 2160 MPa. The good flexibility ensure the wear resistance and prolong the service life.



Electric cabinet

Protection grade IP55. Clear identification to easy for trouble removal. The stainless steel box, cooling fan and heater, temperature monitoring, etc is available for choose.

Double Girder Wire Rope Hoist



The hoist in a double girder crane is born for heavy-duty applications. It can handle loads up to 120 tons with ease. Positioned between two robust girders for enhanced stability & strength, it can operate even under extreme conditions. The dual-girder configuration gives greater headroom and lifting height, making better use of vertical space while accommodating larger loads. These hoists use variable frequency drives (VFDs) for smooth acceleration and deceleration, which enhance load control during lifting operations.

Feature Set

- Handles loads up to 120 tons effortlessly.
- Enhanced stability with dual-girder configuration.
- Utilizes VFDs for smooth load control.



Specifications of Single Girder Low Headroom Wire Rope Hoist

Capacity	FEM	ISO	Height	Lifting Speed (m/min)	Trolley Speed (m/min)	H Size (mm)	C Size (mm)
3200	2m	M5	6/9/12/18	5.0/0.8	5-20	231	500
5000	2m	M5	6/9/12/18	5.0/0.8	5-20	254	590
5000	2m	M5	6/9/12/18	1.6/10	5-20	322	740
6300	1Am	M4	6/9/12/18	5.0/0.8	5-20	254	590
8000	3m	M6	6/9/12/18	5.0/0.8	5-20	322	740
10000	2m	M5	6/9/12/18	5.0/0.8	5-20	322	740
10000	3m	M6	6/9/12/18	5.0/1.2	5-20	404	850
12500	1Am	M4	6/9/12/18	5.0/0.8	5-20	322	740



Specifications of Double Girder Wire Rope Hoist

Capacity	FEM	ISO	Height	Lifting Speed (m/min)	Trolley Speed (m/min)	H Size (mm)	C Size (mm)
5000	2m	M5	6/9/12/18	5.0/0.8	5-20	471	450
16000	2m	M5	6/9/12/18	5.0/1.2	5-20	679	700
20000	1Am	M4	6/9/12/18	5.0/1.2	5-20	679	700
20000	2m	M5	6/9/12/18	5.0/1.2	5-20	679	700
25000	2m	M5	6/9/12/18	0.8/3.3	5-20	844	1000
32000	2m	M5	6/9/12/18	0.8/3.3	5-20	864	1000
32000	2m	M5	6/9/12/18	0-4.9	5-20	1025	920
40000	1Am	M4	6/9/12/18	0-4.9	5-20	1025	920
50000	2m	M5	6/9/12/18	0-3.2	5-20	1023	950
63000	1Am	M4	6/9/12/18	0-3.2	5-20	975	1100
63000	2m	M5	6/9/12/18	0-2.4	5-20	975	1100
80000	1Bm	M3	6/9/12/18	0-3.8	5-20	1025	1525
100000	1Bm	M3	6/9/12/18	0-2.1	5-20	1025	1525

Heben Specialty

Heben Crane Systems

Heben crane systems are engineered to provide dependable material handling across various industries. Our versatile cranes and comprehensive accessories cater to specific industry needs, ensuring optimal productivity and safety.

Key Industry Applications :



Manufacturing

Heben cranes facilitate smooth material flow in production lines, optimizing assembly processes and machine utilization.



Warehousing & Logistics

Efficiently manage goods storage and retrieval with Heben cranes, maximizing warehouse space and streamlining order fulfillment.



Construction

Heben cranes provide heavy lifting capabilities for construction projects, ensuring safe and precise handling of building materials.



Automotive:

From assembly lines to maintenance workshops, Heben cranes support various automotive applications with their adaptability and precision.



Steel & Metal

Handle heavy steel coils, plates, and profiles with Heben cranes, ensuring safe and efficient transport in steel mills and metalworking facilities.



Paper & Printing

Heben cranes provide precise handling of paper rolls and printing equipment, ensuring smooth operation in paper mills and printing houses.



Waste Management

Heben cranes assist in waste sorting and recycling processes, improving efficiency and safety in waste management facilities.



Power Generation

Heben cranes support maintenance and repair operations in power plants, ensuring the safe handling of heavy equipment and components.



Power Generation

Heben cranes can be adapted for operation in hazardous environments, ensuring safe material handling in potentially explosive atmospheres.



HEBEN CHAIN HOIST

Heben Chain Hoist is the first chain hoist that is made for the most delicate of tasks, like carrying a priceless Faberge egg, to the most demanding ones, like lifting a 20-ton turbine. Since its launch, over 1,500 units have been sold globally, illustrating its popularity. The secret to the Heben Chain Hoist's innovation is its unique chain-and-gear mechanism. This simple yet effective design allows for precise lifting and lowering of heavy loads. Plus, it's built to last, with a rugged construction that can withstand years of use. Customer experiences highlight its reliability. Users

report that the hoist enabled them to complete their project weeks ahead of schedule, significantly boosting their profitability. Heben Cranes substantiates these claims with rigorous testing and industry certifications, ensuring every hoist meets the highest standards of safety and performance. Millions of satisfied customers around the world rave about the Heben Chain Hoist. This workhorse is so versatile that it's used in factories, workshops, and even on movie sets to move heavy props. The possibilities are endless.

Heben Chain Hoist



Heben's New Generation Electric Chain Hoists.

So, you want a reliable hoist solution, and you need it fast? Meet Heben's new generation Electric Chain Hoists. These hoists are the perfect answer, delivering immediate performance and minimizing downtime. Electric chain hoists range from 0.125 to 3.2 tons, ensuring you have the perfect lifting solution for any task.

Feature set :

- CE Certified
- 2 Speed operations enable efficient and accurate load handling. (Also Available in Single Speed)
- Dust and moisture protected as per IP55
- Mechanical overload protection
- Powder-coated exteriors for superior durability
- High-capacity electromagnetic Brakes for enhanced reliability and increased life
- Gear Unit with case-hardened ground helical gears with slipping clutch.
- Precision machined and hardened chain sprockets decrease chain wear.
- European-quality lifting chain from prominent European Manufacturers

Eye Suspension



Hook Suspension



Push Pull Trolley



Powered Trolley



Heben Chain Hoist



Extreme Duty Motor

- Design for tough working conditions
- Single and dual speed models available
- 3-phase models as a standard
- Special voltages available



Brake

- Maximum safety
- New advanced brake design
- Tested for Hoist's life time
- Provide an increased level of safety



Transmission

- Helical-toothed gear steps for quiet running
- Oil bath lubrication results in a quiet, smooth and cool operation



Slipping Clutch

- Simple and precise adjustment
- Reliable protection against overloading
- Ease of servicing, thanks to comfortable access



Forged Carbon Steel Hooks

- Under excessive loads will open Gradually and not fracture
- Bottom hook will swivel 360 degree
- Heavy duty hook latches are standard



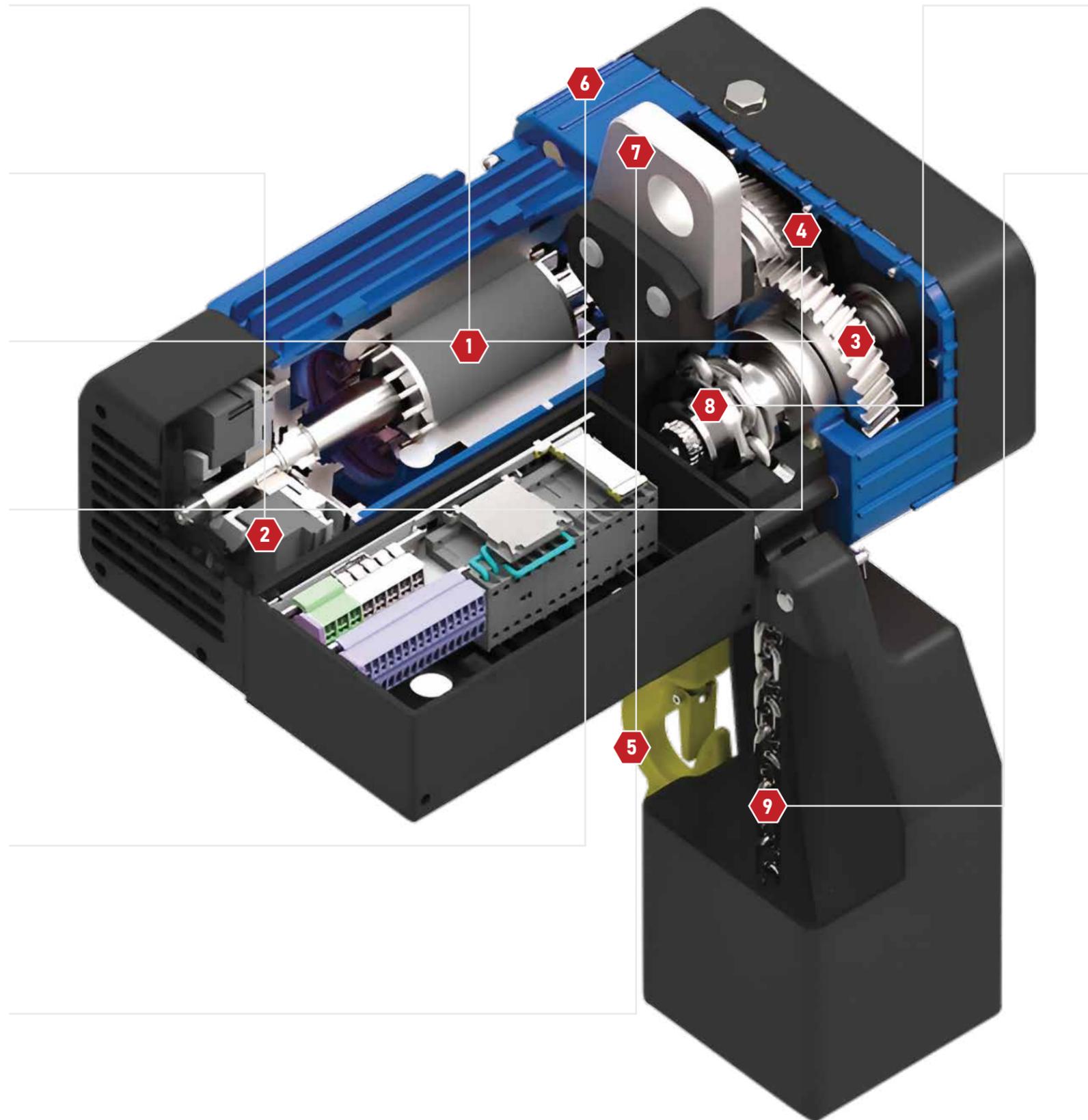
Housing

- Cast aluminium housing with maximum solidity
- Easy transformation from 1-fall to 2-falls operation no need of dismantling



Suspension Bracket

- The removable, hinged suspension bracket is designed for easy suspension and removal of the hoist



Chain Wheel

- Made of hardenest steel
- Deep groove pockets fully support the Inadchain during operation
- Reduces vibration and chain wear



Chain

- High Strength Corrosionand Wear Resistant Load Chain
- Grade DAT, super strength. ZINC plated
- Certified to BS EN818-3 standard



Unique Chain Guide

- Provides quiet and smooth guiding of chain
- Heavy cast iron construction with improved wear resistance



Durable Push Button Pendant

- Easy to use, one-handed operation
- Rater IP65
- Available in a 2, 4 or 5-Buttons version
- Provided with emergency stop



Contractor Control System

- Simple technology (no electronics susceptible to interference)
- Reliable technique
- Emergency stop as a standard



Plugin Connections

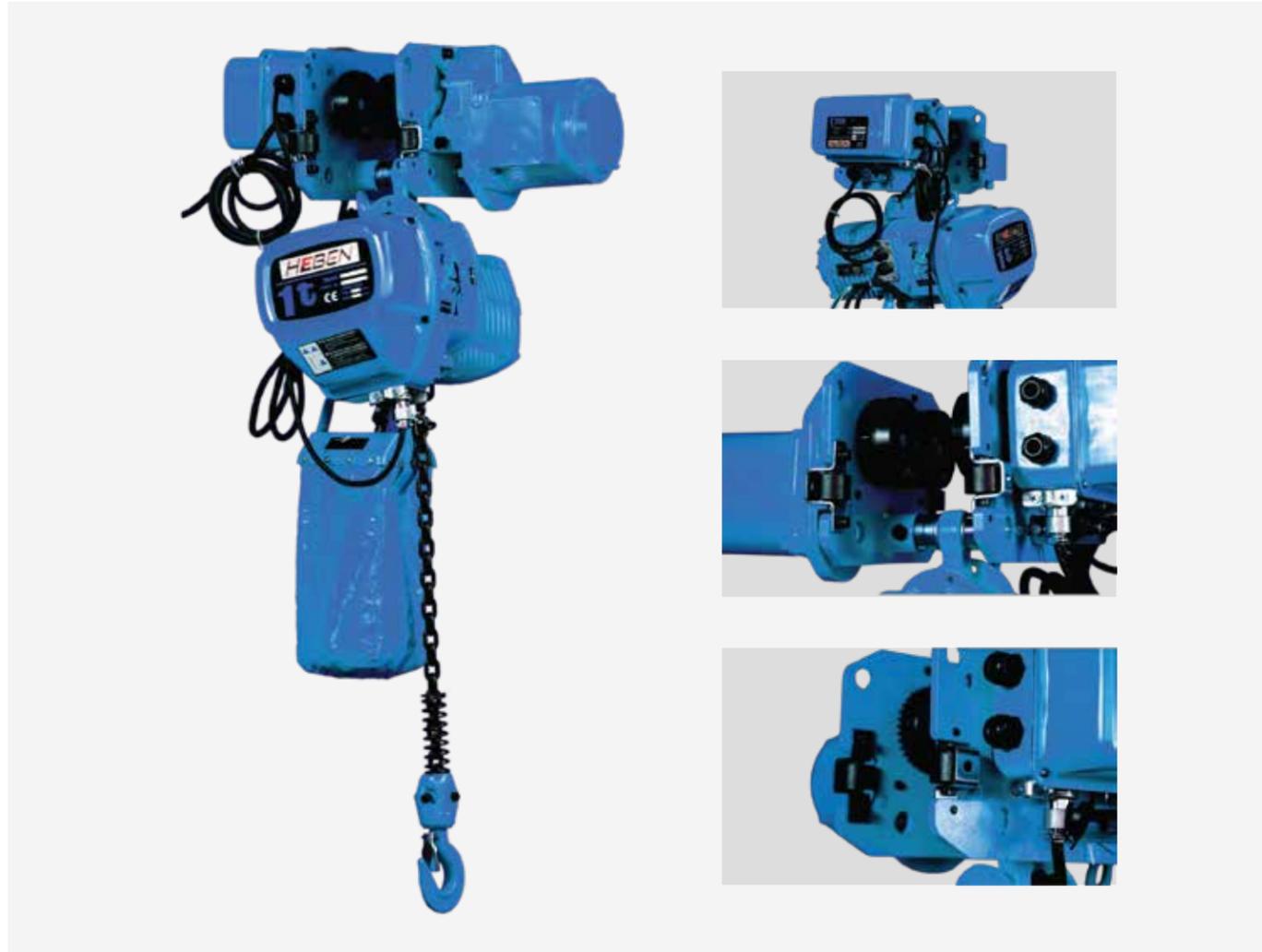
- Saves valuable time on set up and maintenance
- "Quick disconnect" replaces typical competitive hard wired designs



Limit Switches

- Interrupt motor power to prevent hook over travel and hazardous condition such as chain kink

Single Speed Type 0.5T-5T



Shell : Light aluminum alloy shell shall be adopted which is light but hard and fit for the use in the terrible work environment with a high heat dissipation rate and all lightness design.

Inverse phase sequence protecting device : It is the special electrical installation control the circuit not to work in case of wiring error in the power supply.

Limit Switch : The limit switch device is installed where the weight is lifted on and off make the motor to stop automatically so as to prohibit the chains from exceeding for safety.

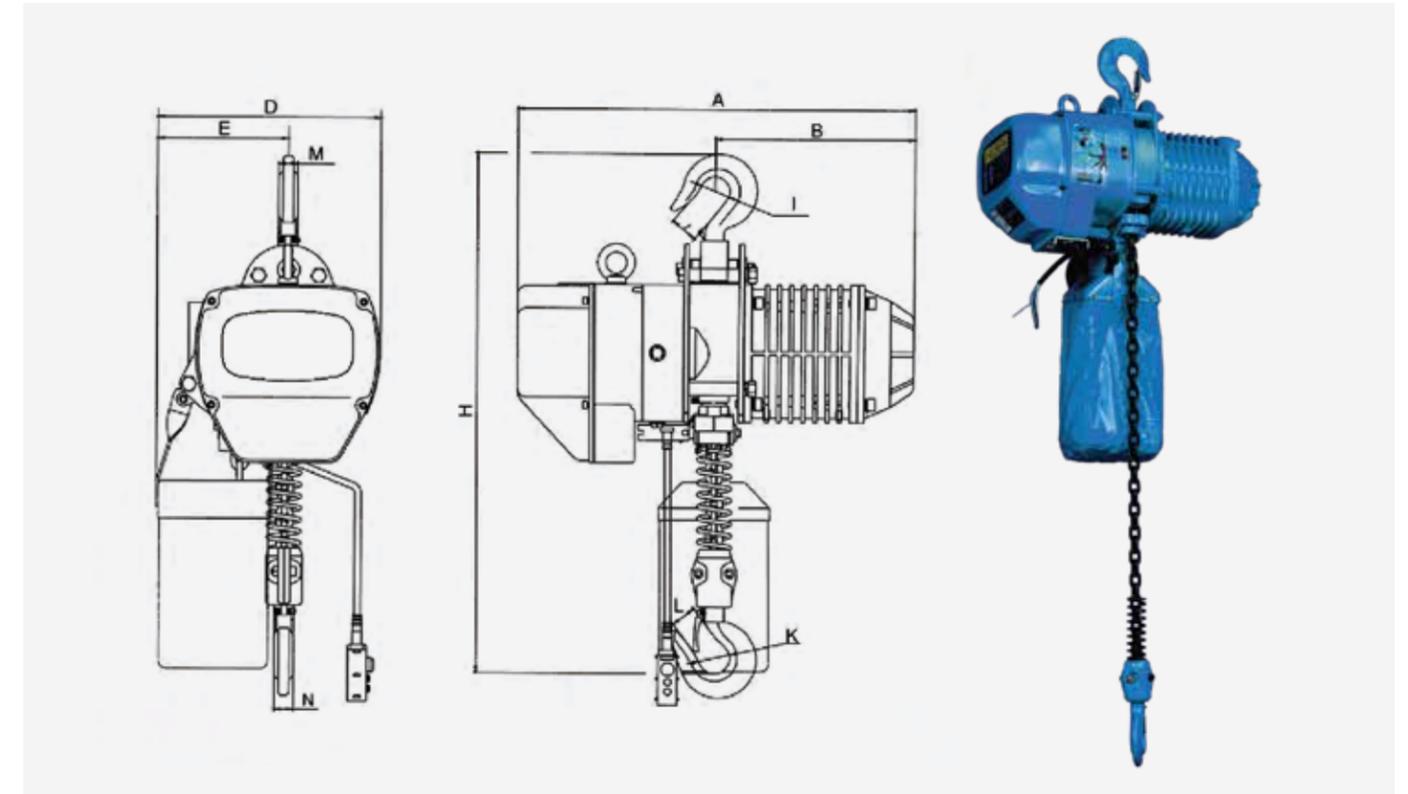
24V/36V device : it is used to prohibit the emergencies from occurring in case of the leakage in the switch.

Side magnetic braking device : This device shall realize the instant brake in case of the power dump.

Chain bag : It shall be light, handsome and durable.

Chain : The chain shall adopt the imported FEC80 ultra heat-treatable aluminum alloy chain.

Hook Type



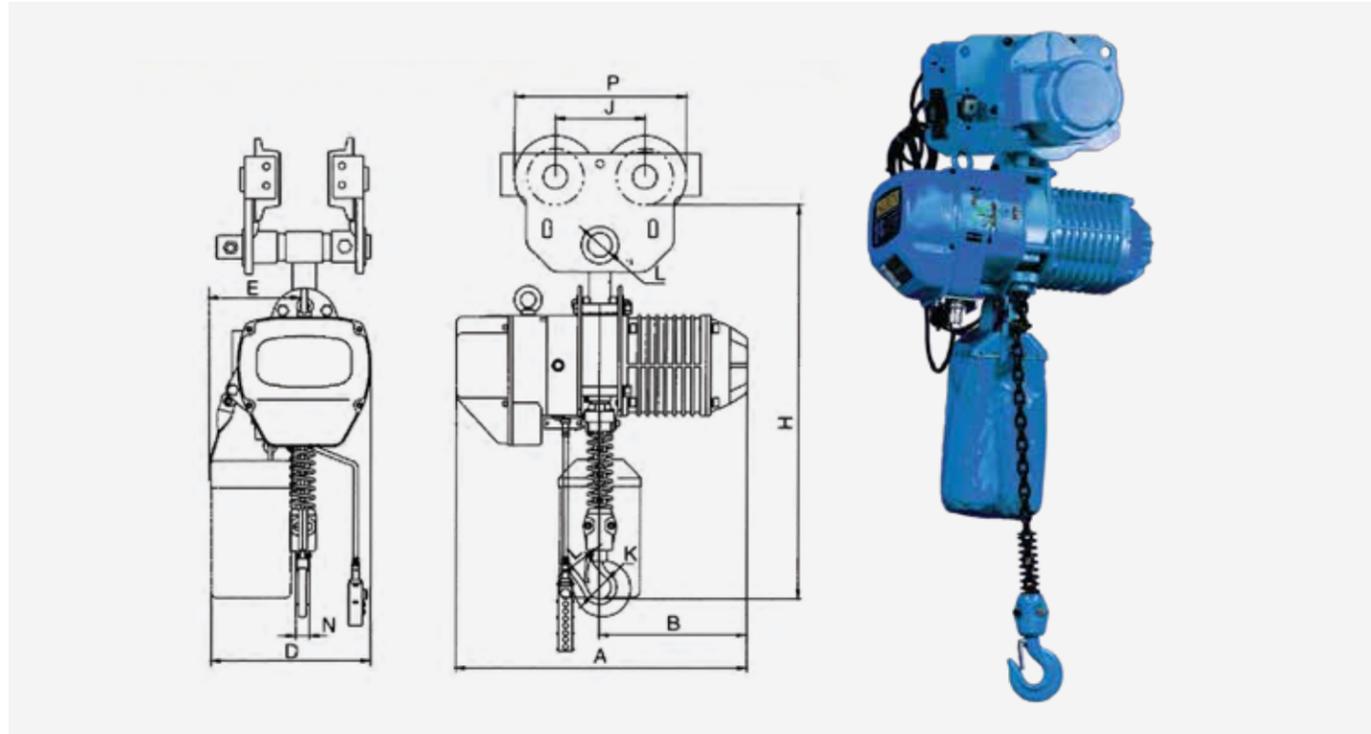
Technical Parameters

Type	Capacity (Ton)	Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (k/w)	Rotation Speed (r/min)	Phase	Voltage	Frequency (Hz/s)
HBC101	0.5	3/9	6.8	0.75	1440	3	380	50
HBC102	1	3/9	3.4	0.75	1440	3	380	50
HBC103	1	3/9	6.6	1.5	1440	3	380	50
HBC104	1.5	3/9	8.8	3.0	1440	3	380	50
HBC105	2	3/9	6.6	3.0	1440	3	380	50
HBC106	2	3/9	3.3	1.5	1440	3	380	50
HBC107	2.5	3/9	5.4	3.0	1440	3	380	50
HBC108	3	3/9	5.4	3.0	1440	3	380	50
HBC109	3	3/9	4.4	3.0	1440	3	380	50
HBC110	3	3/9	2.2	1.5	1440	3	380	50
HBC111	5	3/9	2.7	3.0	1440	3	380	50

Size Specification

Type	Capacity (Ton)	Unit (mm)											
		H	A	B	D	E	I	J	K	L	M	N	Chain
HBC101	0.5	540	455	240	285	165	34	28	34	25	19	19	6.3
HBC102	1	575	455	240	285	165	34	28	34	25	19	19	6.3
HBC103	1	650	520	260	300	176	42	32	42	32	24	24	7.1
HBC104	1.5	800	615	295	430	265	49	40	49	40	30	30	10.0
HBC105	2	800	615	295	430	236	49	40	49	40	30	30	10.0
HBC106	2	835	520	260	300	265	49	40	49	40	30	30	7.1
HBC107	2.5	845	615	295	430	265	59	48	59	48	35	35	11.2
HBC108	3	845	615	295	430	265	59	48	59	48	35	35	11.2
HBC109	3	950	615	295	430	320	59	48	59	48	35	35	10.0
HBC110	3	950	520	260	350	205	59	48	59	48	35	35	7.1
HBC111	5	1030	615	295	430	325	60	48	60	48	43	43	11.2

Single Speed Type 0.5T-5T



Manual Trolley Running Type

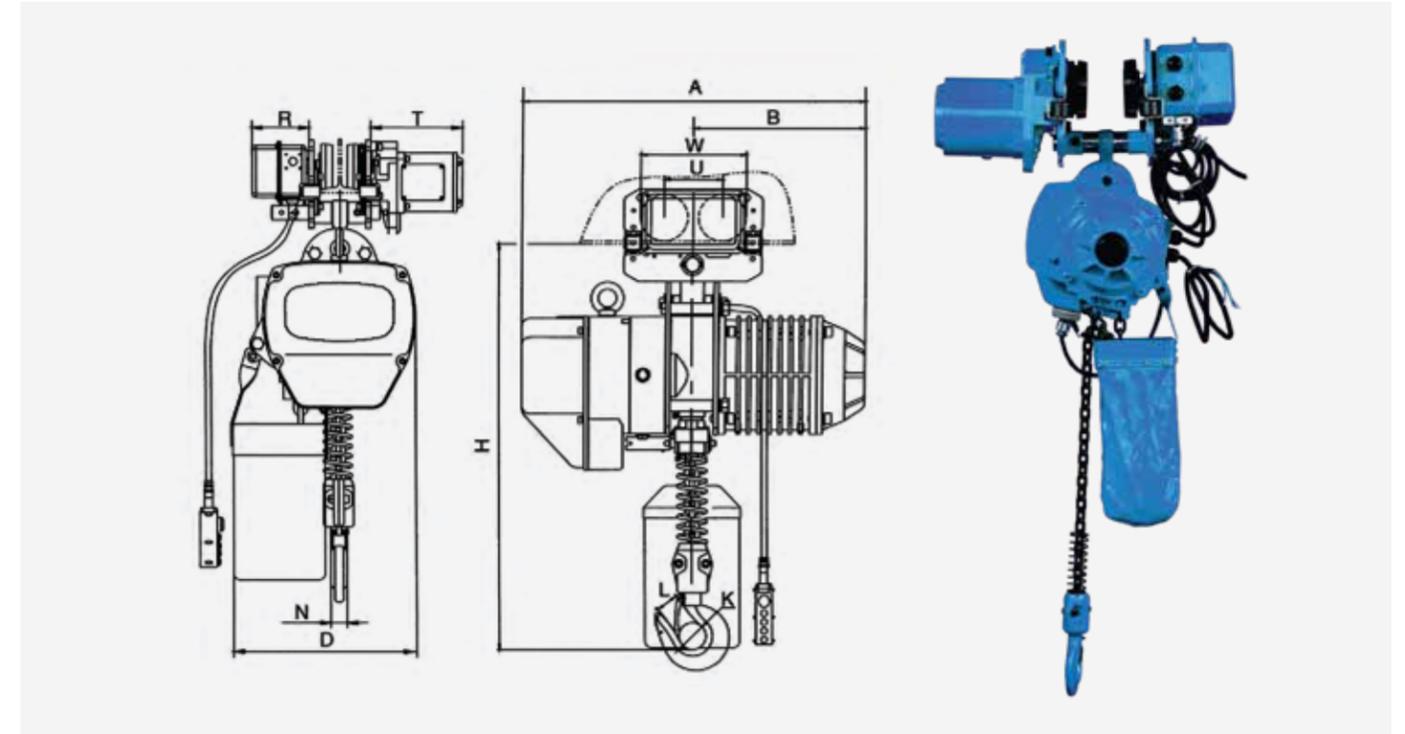
Technical Parameters

Type	Capacity (Ton)	Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (k/w)	Rotation Speed (r/min)	Phase	Voltage	Frequency (Hz/s)
HBC101	0.5	3/9	6.8	0.75	1440	3	380	50
HBC102	1	3/9	3.4	0.75	1440	3	380	50
HBC103	1	3/9	6.6	1.5	1440	3	380	50
HBC104	1.5	3/9	8.8	3.0	1440	3	380	50
HBC105	2	3/9	6.6	3.0	1440	3	380	50
HBC106	2	3/9	3.3	1.5	1440	3	380	50
HBC107	2.5	3/9	5.4	3.0	1440	3	380	50
HBC108	3	3/9	5.4	3.0	1440	3	380	50
HBC109	3	3/9	4.4	3.0	1440	3	380	50
HBC110	3	3/9	2.2	1.5	1440	3	380	50
HBC111	5	3/9	2.7	3.0	1440	3	380	50

Size Specification

Type	Capacity (Ton)	Unit (mm)											
		H	A	B	D	E	K	L	N	I	J	P	Chain
HBC101	0.5	555	455	240	285	165	34	28	19	26	115	221	6.3
HBC102	1	630	455	240	285	165	42	32	24	26	115	221	6.3
HBC103	1	635	520	260	300	176	42	32	24	26	115	221	7.1
HBC104	1.5	764	615	295	430	265	49	40	30	31	138	265	10.0
HBC105	2	764	615	295	430	265	49	40	30	31	138	265	10.0
HBC106	2	800	520	260	300	236	49	40	30	31	138	265	7.1
HBC107	2.5	854	615	295	430	265	59	48	35	36	157	277	11.2
HBC108	3	854	615	295	430	265	59	48	35	36	157	277	11.2
HBC109	3	960	615	295	430	320	59	48	35	36	157	277	10.0
HBC110	3	968	520	260	350	205	59	48	35	36	157	277	7.1
HBC111	5	1007	615	295	430	325	60	48	43	43	178	332	11.2

Single Speed Type 0.5T-5T



Electric Trolley Running Type

Technical Parameters

Type	Capacity (Ton)	Lifting Height (m)	Lifting Speed (m/min)	Lifting Motor				
				Power (k/w)	Rotation Speed (r/min)	Phase	Voltage	Frequency (Hz/s)
HBC101	0.5	3/9	6.8	0.75	1440	3	380	50
HBC102	1	3/9	3.4	0.75	1440	3	380	50
HBC103	1	3/9	6.6	1.5	1440	3	380	50
HBC104	1.5	3/9	8.8	3.0	1440	3	380	50
HBC105	2	3/9	6.6	3.0	1440	3	380	50
HBC106	2	3/9	3.3	1.5	1440	3	380	50
HBC107	2.5	3/9	5.4	3.0	1440	3	380	50
HBC108	3	3/9	5.4	3.0	1440	3	380	50
HBC109	3	3/9	4.4	3.0	1440	3	380	50
HBC110	3	3/9	2.2	1.5	1440	3	380	50
HBC111	5	3/9	2.7	3.0	1440	3	380	50

Size Specification

Type	Capacity (Ton)	Unit (mm)													
		H	A	B	D	E	I	K	L	N	W	U	R	T	Chain
HBC101	0.5	610	455	240	285	165	31	34	25	19	206	111	142	231	6.3
HBC102	1	665	455	240	285	165	31	42	32	24	206	111	142	231	6.3
HBC103	1	650	520	260	300	176	41	42	32	24	206	111	142	231	7.1
HBC104	1.5	770	615	295	430	265	36	49	40	30	237	127	142	231	10.0
HBC105	2	770	615	295	430	265	36	49	40	30	237	127	142	231	10.0
HBC106	2	815	520	260	300	236	36	49	40	30	237	127	142	231	7.1
HBC107	2.5	830	615	295	430	265	43	59	48	35	265	140	142	231	11.2
HBC108	3	830	615	295	430	265	43	59	48	35	265	140	142	231	11.2
HBC109	3	930	615	295	430	320	43	59	48	35	265	140	142	231	10.0
HBC110	3	940	520	260	350	205	43	59	48	35	265	140	142	231	7.1
HBC111	5	1015	615	295	430	325	54	60	48	43	296	156	142	231	11.2



Heben LWCS

The Heben LWCS system has a late throwback, emerging as a groundbreaking solution for flexible material handling in various industries, from manufacturing to logistics. Since its launch, over 15,000 Heben systems have been installed worldwide, demonstrating its high demand. It changed the way factories approach material handling. In the past, factories were limited by fixed crane systems, hindering their ability to adapt to new production needs. The Heben light crane

system revolutionized manufacturing with its flexible design, empowering factories to reconfigure their workspace effortlessly. It's so user-friendly that even a novice operator can maneuver it with ease. Customers often have so much trust in us. Heben Cranes keeps their trust with extensive testing and accreditations from industry experts, ensuring each system meets the highest safety and performance standards.



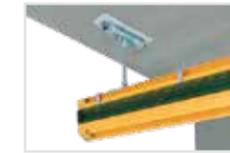
LWCS Cranes

1 Support Fixings

Standardised and interchangeable fixing solution for a variety of mounting applications on site.



Flange clamp



Dowel fixing



Support console



Embracing bracket



Roof tool fixing



Tie console



Tie console for rain forced concrete beams

2 Suspensions

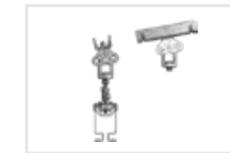
Variable suspension options offer the required flexibility for your mounting situation.



Short suspension



Normal suspension



Inclined suspension



Normal stiffener



Inclined stiffener



V-suspension

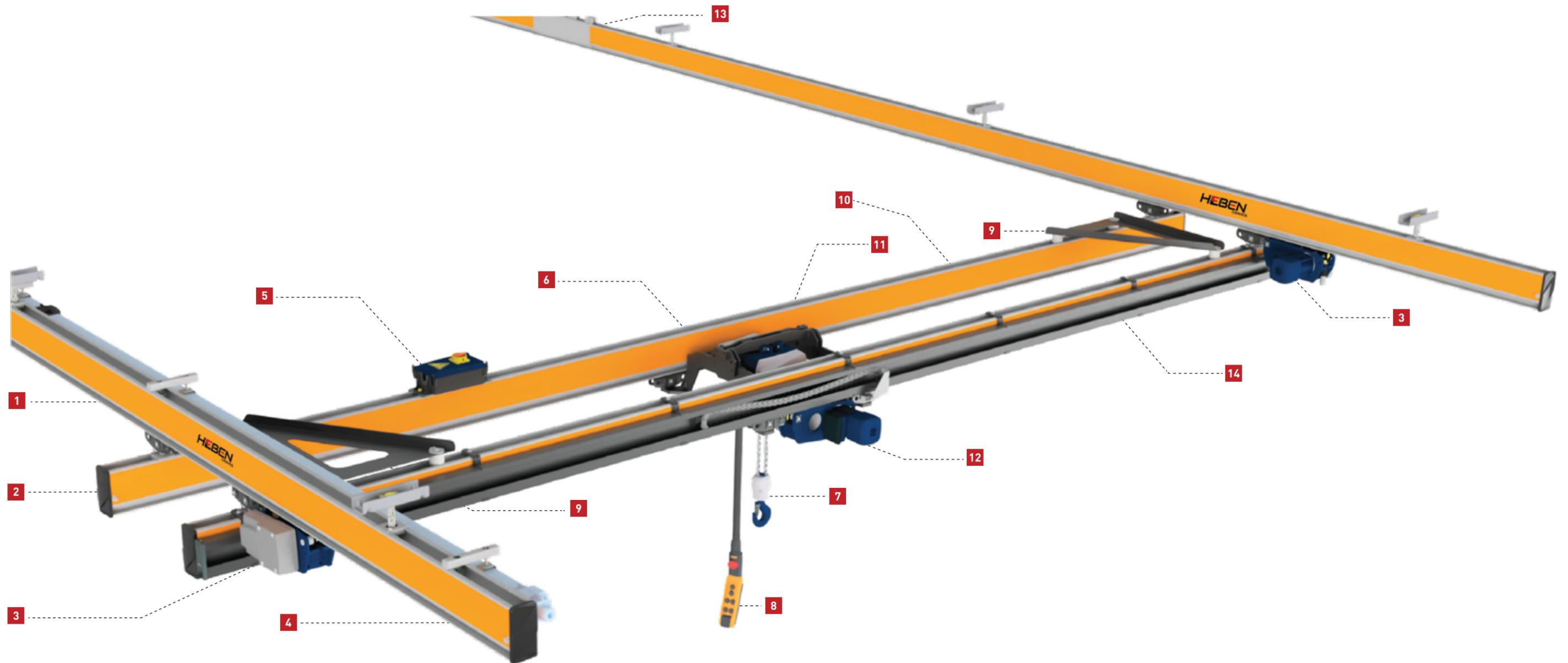
3 Chain hoist

Heben Cranes chain hoists lift loads with unmatched safety and precision. They handle virtually any load and deliver rapid or customized lifting solutions to meet your needs. Electric drives power these hoists, allowing you to maneuver them effortlessly with electric or manual trolleys. Use them in a stationary setup or mount them on a crane—Heben electric chain hoists ensure reliable performance every time.

High performance electric chain hoists from the Heben compact series lift your loads reliably and safely. Innovative trolleys ensure a smooth running and noise optimised performance.



Heben Suspended Rail System



- 1 Conductor system
- 2 End stop
- 3 Long travel drive
- 4 Track profile
- 5 Junction box
- 6 Trolley frame
- 7 Bottom block with load hook

- 8 Pendant control
- 9 Track bracing
- 10 Crane profile
- 11 Chain hoist
- 12 Cross travel drive
- 13 Joint connection
- 14 Energy chain

The advantages of HebenPowerline as a default cross bridge power supply for our HB light crane systems at a glance:

Safety : Travel above obstacles without risk of cable snagging.
Reliability : Enclosed system, unaffected by dust or moisture, no open cable trays.

Performance : Significantly improved approach dimensions with increasing crane girder length compared to festoon cabling, as no cable bunching area required. Effortless utilisation of the entire area beneath the crane.

Ergonomics : Smooth and quiet operation, minimum manual force required to move the chain hoist.

Delivery times : Stocked components enable short delivery times and a rapid availability.

Our Iconic Client

