

Product Advantage



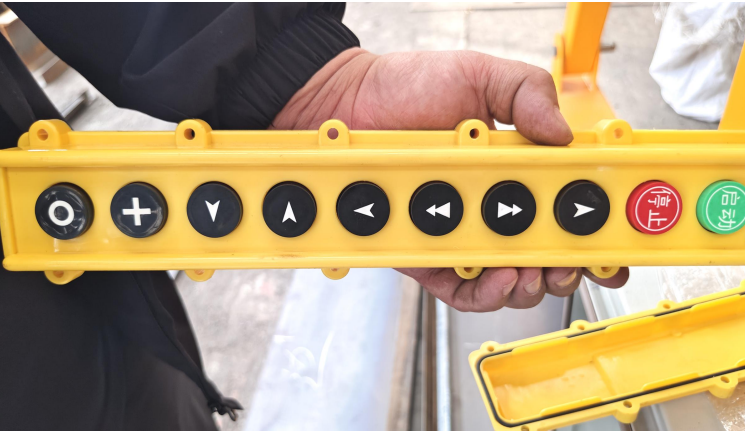
Modular Design for Adaptability

Our portable gantry cranes and mobile gantry cranes feature a modular design, allowing for easy customization and adaptability to various lifting scenarios.



Robust Construction

Engineered with high-quality materials, KCICRANES' cranes boast a robust construction that ensures durability and longevity in demanding industrial environments.



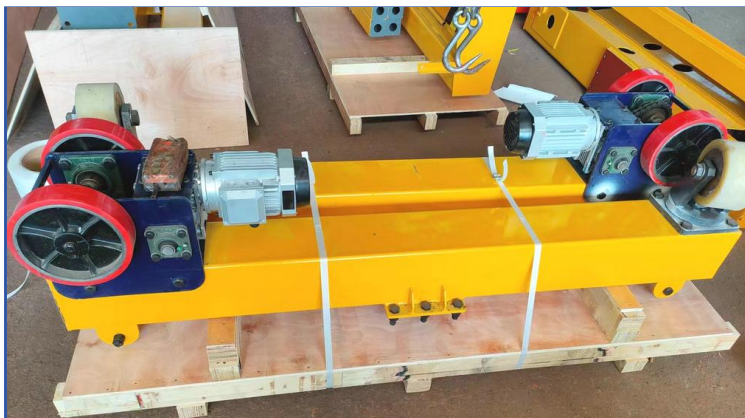
Smart Control Systems

KCICRANES integrates smart control systems into our cranes, providing operators with intuitive and precise control over lifting operations for increased safety and efficiency.



Advanced Automation

Our cranes leverage advanced automation technologies, streamlining lifting processes and reducing the need for manual intervention, thereby enhancing overall workflow efficiency.



Easy Mobility

Designed with mobility in mind, KCICRANES' cranes are equipped with features like swivel casters and adjustable height, allowing for easy transportation and setup in diverse work environments.



Compact Storage

The foldable and compact design of our cranes ensures convenient storage, saving.



Product Feature



KCICRANES presents a comprehensive solution for material handling with its diverse range of Fixed and Adjustable Steel Gantry Cranes. Featuring 7 distinct configurations, these cranes offer versatility and cost-effectiveness, ensuring efficient lifting operations tailored to your specific needs within the facility.

Product Quality and Durability

A High-Quality Materials and Craftsmanship

Standard-Quality I-Beams

We insist on using standard-quality I-beams, ensuring the structural integrity of our products with outstanding load-bearing capabilities, providing customers with high-quality lifting solutions.

Quality Assurance

KCICRANES rigorously monitors product quality, ensuring each gantry crane meets the highest standards, offering customers a reliable user experience.

B High-Strength Nuts and Bolts

Grade 8.8 High-Strength Steel

All nuts and bolts utilize grade 8.8 high-strength steel, with a corrosion-resistant coating, not only enhancing the product's corrosion resistance but also extending the overall lifespan.

Increased Product Durability

The use of high-strength materials ensures that nuts and bolts are less prone to damage during prolonged use, thus extending the lifespan of the gantry crane.

C Heavy-Duty Wheel Design

Extended Lifespan

All our gantry cranes feature a heavy-duty wheel design, increasing the product's lifespan and ensuring reliability in various working environments.

Smooth Rolling Performance

These heavy-duty wheels provide excellent rolling performance, ensuring smooth mobility even on rough floors, guaranteeing convenient and efficient operation.

D Outdoor Use Options

Rain Cover

For outdoor use, we offer a rain cover option, effectively protecting the gantry crane from adverse weather conditions, ensuring stable operation in various environments.

Surface Paint and Stainless Steel Motor

Customers can choose options such as surface paint and stainless steel motors to meet specific requirements for product appearance and durability in different environments.



Fixed Height Steel Gantry Cranes

Fixed Height and Span: Designed with a fixed height and span, providing stability for various lifting applications.



Specifications

Capacities from 1 ton – 20 ton

Spans from 1m– 10m

Heights from 1m– 10m

1 Fast Assembly and Disassembly

Quick and convenient assembly and disassembly processes, enhancing operational efficiency.

2 Universal Wheels with Brake

Equipped with universal wheels featuring a braking system, allowing for easy mobility and secure positioning.

3 Mobile Moving

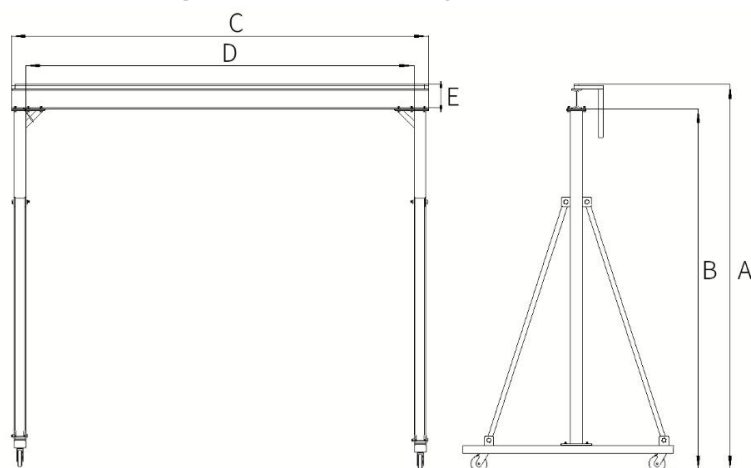
Designed for mobility, these cranes are easily movable to accommodate dynamic operational needs.

4 Manual Operation with Brake-Equipped Swivel Casters

The gantry cranes are manually operated and come with swivel casters featuring a braking mechanism for added control.



Fixed Height Steel Gantry Cranes



All the hoist attached are super-low lifting loop chain electric hoist. And the lifting height and the inner span maybe have a little change as your requirements size and lifting load. Then the data are not the final. All the datas will be based on our designs.

Tem No.	Raled load (ton)	Total height (A) (mm)	Lifting height (B) (mm)	Outside span (C) (mm)	Inner span (D) (mm)	H Height (E) (mm)
KNPT1-1	1	2000	1390	200	1760	410
	1	3000	2390	3000	2760	410
	1	4000	3390	4000	3760	410
	1	500	4340	5000	4760	410
	1	6000	5340	500	4760	410
	2	2000	1215	2000	1720	535
	2	3000	2215	3000	2720	535
	2	4000	3215	4000	3720	535
	2	5000	4215	4000	3720	535
	2	5000	4215	5000	4720	535
	2	6000	5215	5000	4720	535
	3	2000	1015	2000	1660	685
	3	3000	2015	3000	2660	685
	3	4000	3015	4000	3660	685
	3	5000	4015	4000	3660	685
	3	5000	4015	5000	4660	685
	3	6000	5015	5000	4660	685
	5	2000	910	2000	1560	740
	5	3000	1910	3000	2560	740
	5	4000	2910	4000	3560	740
	5	5000	3910	400	3560	740
	5	5000	3910	5000	4560	740
	5	6000	4910	5000	4560	740
	10	200	670	2000	1560	880
	10	3000	1670	3000	2560	880
	10	4000	2670	4000	3560	880
	10	5000	3367	4000	3650	880
	10	5000	3670	5000	4560	880
	10	6000	4670	5000	4560	880



Manual Hand Winch Lift Gantry Crane



Specifications

Capacities from 1 ton – 10 ton

Spans from 1m– 6m

Heights from 1m– 6m

The PT2-1 gantry crane uses a manual crank winch to fix the height. The inverted "A" type leg design makes it easy to install and disassemble, and it can withstand heavier loads and make the lifting process more stable. It can be walked by electric or hand, and the swivel castors are equipped with braking devices. For outdoor use, it can be equipped with a rain cover and painted or stainless steel surface treatment.

Adjustable Heights in Incremental Steps: Provides height adjustment in segmented steps, allowing users to set the desired number of increments according to specific requirements.



Manual Hand Winch Lift Gantry Crane

Features

Fixed height and span: The height and span can be adjusted as needed using a manual crank winch.

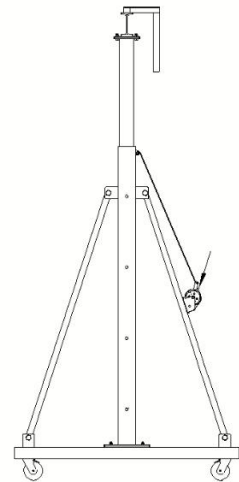
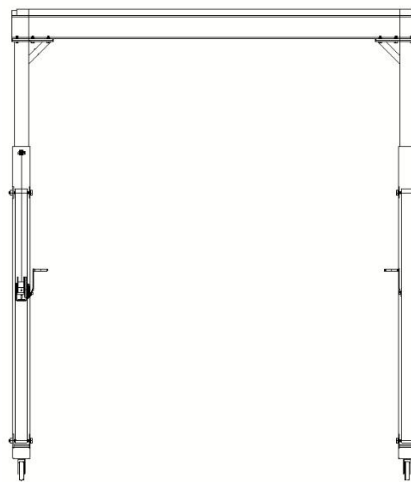
Inverted "A" type legs: The inverted "A" type leg design makes it more stable and can withstand heavier loads.

Electric or hand-operated walking: The walking mode can be selected according to needs, which is convenient for moving.

Swivel castors with braking devices: The swivel castors with braking devices can ensure the stability of the crane when moving.

Optional rain cover for outdoor use: The rain cover can protect the crane from the erosion of rain and sun.

Optional painted or stainless steel surface treatment for outdoor use: The paint can enhance the corrosion resistance of the crane, and stainless steel can improve the weather resistance of the crane.

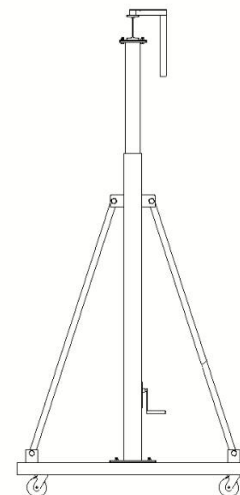
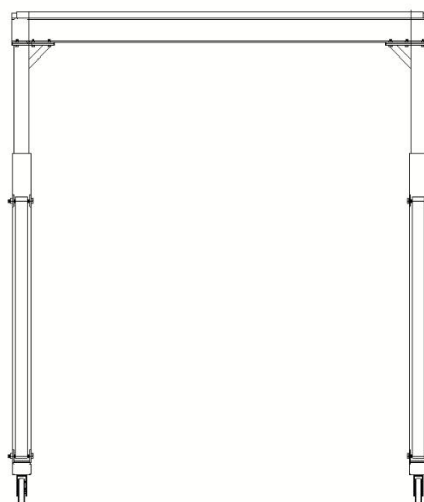


Technical Parameters

Item No.	Rated load (ton)	Total height (mm)	Lifting height (mm)	Outside span (mm)	Inner span (mm)	H Height (mm)
KNPT2-1	1	2600-4000	3390	3000	2760	410
	1	3500-5000	4390	3000	2760	410
	2	2600-4000	3215	3000	2690	535
	2	3500-5000	4215	3000	2690	535
	3	2600-4000	3015	3000	2690	685
	3	3500-5000	4015	3000	2690	685
	5	2600-4000	2910	3000	2610	740
	5	3500-5000	3910	3000	2610	740



Manual Hand Turbine Lift Gantry Crane



Height is adjusted by the turbine for lifting, allowing for flexible adaptation to your needs. The lifting speed can be controlled smoothly, and the crane can be operated manually or electrically, depending on your preference. For outdoor use, you can choose to add a rainproof cover and customize the surface finish with either baking paint or stainless steel.

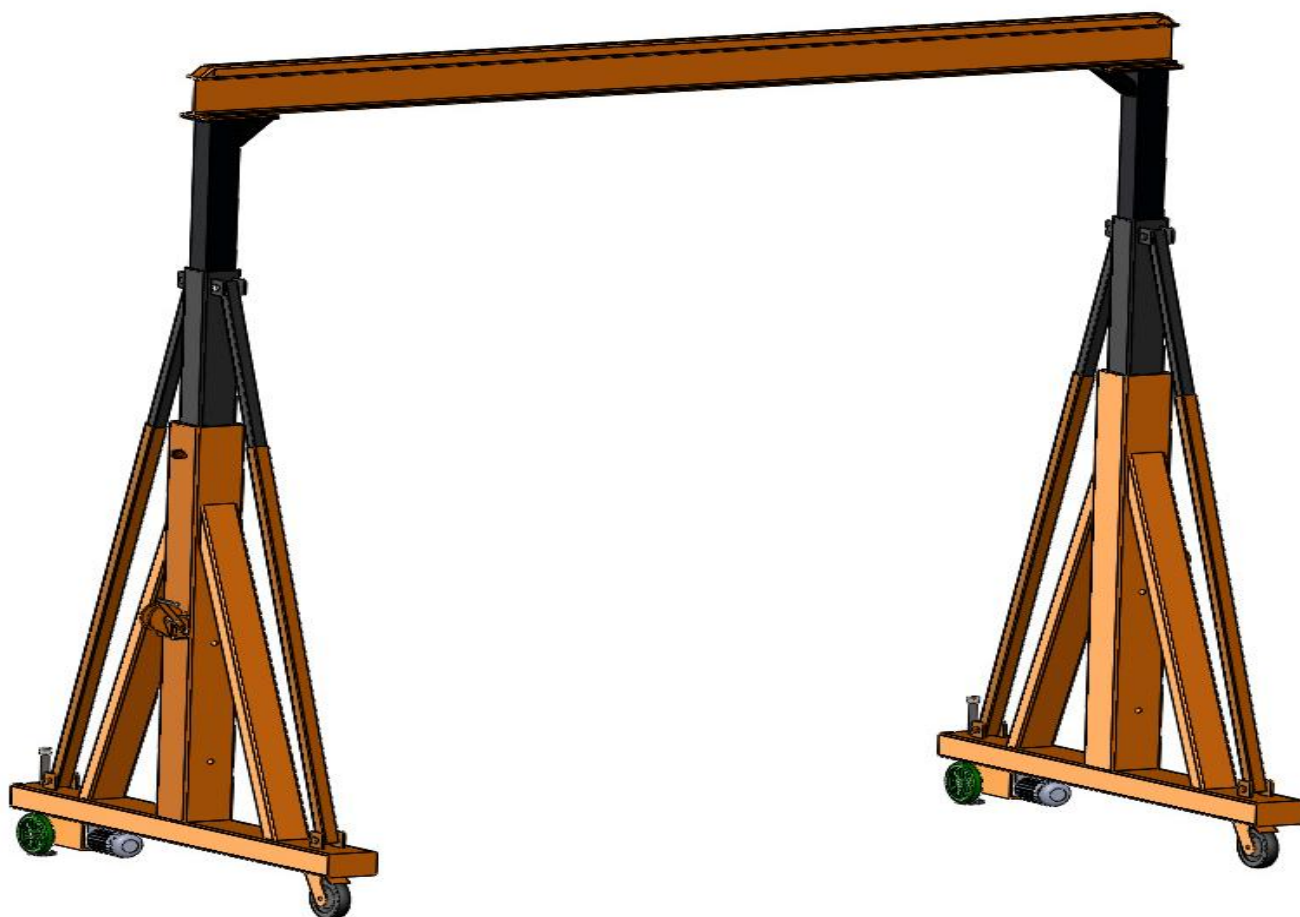
Infinitely Adjustable Lifting Heights: Featuring a manual hand turbine mechanism, this crane offers the flexibility to adjust lifting heights as needed, supporting variable load capacities

Technical Parameters

Item No.	Rated load (ton)	Total height (mm)	Lifting height (mm)	Outside span (mm)	Inner span (mm)	H Height (mm)
PT2-2	1	2600-4000	3390	3000	2760	410
	1	3500-5000	4390	3000	2760	410
	2	2600-4000	3215	3000	2690	535
	2	3500-5000	4215	3000	2690	535
	3	2600-4000	3015	3000	2690	685
	3	3500-5000	4015	3000	2690	685
	5	2600-4000	2910	3000	2610	740
	5	3500-5000	3910	3000	2610	740



Portable Lift Gantry Crane



Easy Disassembly: Entire gantry frame is fully disassemblable, offering convenience in transportation and storage.

Maximum Rated Capacity: Designed for light-duty applications with a maximum rated capacity of 1 ton, making it highly portable due to its lightweight construction.

Technical Parameters

Item No.	Rated load (ton)	Total height (mm)	Lifting height (mm)	Outside span (mm)	Inner span (mm)	H Height (mm)
KNPT2-3	0.5	2000-3000	2610	2000	1840	250
	0.5	2000-3000	2610	3000	2840	250
	0.5	2000-3000	2610	4000	3840	250
	0.5	2600-4000	3610	3000	2840	250
	0.5	2600-4000	3610	4000	3840	250
	1	2000-3000	2581	2000	1840	259
	1	2000-3000	2581	3000	2840	259
	1	2000-3000	2581	3000	2840	259
	1	2600-4000	3581	4000	3840	259
	1	2600-4000	3581	4000	3840	259



Electric Adjustable Height Gantry Crane



Powered Height Adjustment: This type of gantry crane is equipped with an electric height adjustment mechanism, providing effortless and precise control over lifting heights. These Adjustable Height Steel Gantry Cranes exemplify KCICRANES' commitment to providing solutions that are not only versatile but also adaptable to a wide range of lifting scenarios. Whether manual or electric, these cranes ensure efficiency and reliability in material handling operations.



Electric Adjustable Height Gantry Crane

Technical Parameters

Item No.	Rated load (ton)	Total height mm	Lifting height (mm)	Outside span (mm)	Inner span (mm)	H Height (mm)
KNPT-3	1	2000	1390	2000	1760	410
	1	3000	2390	3000	2760	410
	1	4000	3390	4000	3760	410
	1	5000	4390	4000	3760	410
	1	5000	4340	5000	4760	410
	1	6000	5340	5000	4760	410
	2	2000	1215	2000	1720	535
	2	3000	2215	3000	2720	535
	2	4000	3215	4000	3720	535
	2	5000	4215	4000	3720	535
	2	5000	4215	5000	4720	535
	2	6000	5215	5000	4720	535
	3	2000	1015	2000	1660	685
	3	3000	2015	3000	2660	685
	3	4000	3015	4000	3660	685
	3	5000	4015	4000	3660	685
	3	5000	4015	5000	4660	685
	3	6000	5015	5000	4660	685
	5	2000	910	2000	1560	740
	5	3000	1910	3000	2560	740
	5	4000	2910	4000	3560	740
	5	5000	3910	4000	3560	740
	5	5000	3910	5000	4560	740
	5	6000	4910	5000	4560	740
	7.5	2000	700	2000	1560	900
	7.5	3000	1700	3000	2560	900
	7.5	4000	2700	4000	3560	900
	7.5	5000	3700	4000	3560	900
	7.5	5000	370	5000	4560	900
	7.5	6000	4700	5000	4560	900
	10	2000	670	2000	1560	880
	10	3000	1670	3000	2560	880
	10	4000	2670	4000	3560	880
	10	5000	3670	4000	3560	880
	10	5000	3670	5000	4560	880
	10	6000	4670	5000	4560	880



Gantry Crane Product Display

Picture	Item No.	Rated Load	Rated Height	Rated Span	lifting Method	Moving Method	Key Features
	KNPT2-1	10ton	12m	12m	electric or manual	manual	Adjustable height, height will be adjusted by sub stalls, universal wheels with brake, mobile moving
	KNPT2-2	10ton	10m	12m	electric or manual	manual	Adjustable height, height can be adjusted to any position under the conditions of technology and when you adjust the height, it can also lift the heavy load, universal wheels with brake, mobile moving
	KNPT2-3	1ton	5m	5m	electric or manual	manual	Fast assembly and disassembly, universal wheels with brake, mobile moving, light self-weight
	KNPT2-4	10ton	10m	10m	electric or manual	manual	Electric adjustable height height can be adjusted to any position under the conditions of technology and when you adjust the height, it can also lift heavy load, universal wheels with brake. mobile moving.



Rail Mounted Electric Gantry Crane



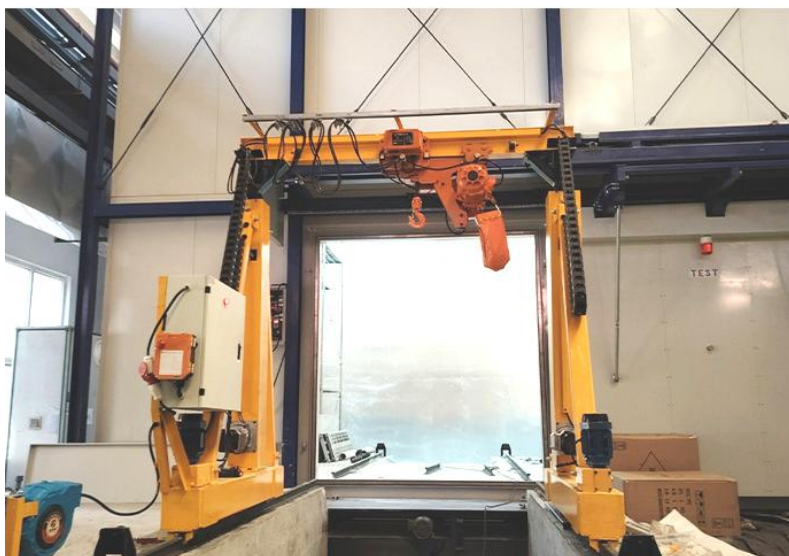
Specifications

Capacities from 1 ton – 10 ton

Spans from 1m– 6m

Heights from 1m– 6m

KNPT-4 gantry crane needs rails installed at the worksite, providing enhanced efficiency for electrically powered material handling. The PT series gantry crane, with various leg configurations can be tailored to match site and usage requirements. Additionally, the adjustable height feature can be achieved through manual or electric lifting, offering further flexibility. Depending on your specifications, we can customize the dimensions to meet your needs.



**Rail Mounted Electric Gantry Crane****Technical Parameters**

Item No.	Rated load (ton)	Total height (mm)	Lifting height (mm)	Outside span (mm)	Inner span (mm)	H Height (mm)
KNPT-4	1	2000	1390	2000	1760	410
	1	3000	2390	3000	2760	410
	1	4000	3390	4000	3760	410
	1	5000	4390	4000	3760	410
	1	5000	4340	5000	4760	410
	1	6000	5340	5000	4760	410
	2	2000	1215	2000	1720	535
	2	3000	2215	3000	2720	535
	2	4000	3215	4000	3720	535
	2	5000	4215	4000	3720	535
	2	5000	4215	5000	4720	535
	2	6000	5215	5000	4720	535
	3	2000	1015	2000	1660	685
	3	3000	2015	3000	2660	685
	3	4000	3015	4000	3660	685
	3	5000	4015	4000	3660	685
	3	5000	4015	5000	4660	685
	3	6000	5015	5000	4660	685
	5	2000	910	2000	1560	740
	5	3000	1910	3000	2560	740
	5	4000	2910	4000	3560	740
	5	5000	3910	4000	3560	740
	5	5000	3910	5000	4560	740
	5	6000	4910	5000	4560	740
	7.5	2000	700	2000	1560	900
	7.5	3000	1700	3000	2560	900
	7.5	4000	2700	4000	3560	900
	7.5	5000	3700	4000	3560	900
	7.5	5000	3700	5000	4560	900
	7.5	6000	4700	5000	4560	900
	10	2000	670	2000	1560	880
	10	3000	1670	3000	2560	880
	10	4000	2670	4000	3560	880
	10	5000	3670	4000	3560	880
	10	5000	3670	5000	4560	880
	10	6000	4670	5000	4560	880



Gantry Crane Project Case

