



KLUKE[®] MANUFACTURER OF LIGHT LOAD LIFTING SYSTEM
CRANES



JIB CRANES

Material Handling Solutions

 **CERTIFICATE**

 **CHINA PACIFIC INSURANCE (GROUP) CO., LTD. (CPIC)**
GLOBAL LIABILITY INSURANCE



TRACKED-MOUNTED JIB CRANE JR

KLUKE The KLUKE tracked-mounted Jib crane features a unique enclosed track structure that does not require a column or just one column and it covers the sector-shaped work area. The handling requirements in a small range are also optimally solved.

PRODUCT FEATURES



The loading can be up to 1000kg



The jib can be up to 6m



Flexible rotation and precise positioning



Enclosed track for lighter sliding



Small floor area with beautiful workshop

ROTATION MODE



Manual

OPTIONAL



Adjustable rotation limit



Foundation embedded and embedded bolts



Explosion-proof



Cleanliness

REMARKS

- ☒ International leading graphite copper sleeve rotary structure design. With low friction resistance through self-lubrication, it is easy and convenient to operate and free of maintenance.
- ☒ Imported chemical bolts are provided as standard to ensure your safety.
- ☒ The rotary limit shall be fixed according to the site requirements during installation.
- ☒ The key parts of rotary drive are treated with unique quenching and tempering to, ensure high performance and durability.
- ☒ Customized tooling and fixed production can ensure horizontal and parallel angle control.
- ☒ Each component is equipped with secondary protection device as standard to provide double safety guarantee for your use.
- ☒ It shall be independently installed on the workshop ground according to the process requirements, and the foundation shall be concrete C25 with thickness $\geq 200\text{mm}$.
- ☒ Powder electrostatic spraying technology, the dry film thickness is not less than 120μ . The surface treatment is beautiful with shiny and smooth coating, strong adhesion and durability



PRODUCT FEATURES



The loading can be up to 1000kg



The jib can be up to 6m



Simple structure and accurate positioning



360° rotation can be achieved to cover circular area



Small floor area with beautiful workshop

ROTATION MODE



Electric



Manual

OPTIONAL



Adjustable rotation limit



Foundation embedded and embedded bolts



Explosion-proof



Cleanliness

备注

- ☑ Rotation adopts self-aligning bearing, which can compensate a certain coaxiality error and realize automatic self-aligning. With low friction resistance through self-lubrication, it is easy and convenient to operate and free of maintenance.
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- ☑ The rotary limit shall be fixed according to the site requirements during installation.
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PRODUCT FEATURES

KLUKE[®] The combination of KLUKE intelligent lifting device and folding arm lifting equipment is an update to the traditional lifting mode. The operation mode is more suitable for the natural movement of the arm, and the jib swings to the place where the arm swings, which is a new method for assisting the transportation.

PRODUCT FEATURES



CLEAR DISPLAY SCREEN

It is displayed in Chinese by default, which is convenient for Chinese people to use, and it can also be switched to other languages such as English and French.



SIMPLE AND CONVENIENT OPERATION

By sensing the operation speed of an operator, the stepless speed change can be realized without key control. It truly realizes flexible control.



STABLE AND SAFE SUSPENSION MODE

It can enter into the suspension state by switching modes, liberating the control of two hands on the handle. It can realize the free control of the machine and labor-saving transportation of the workpiece only by holding it for small operation trend, and it is particularly suitable for stations such as frequent and precise assembly and the like.



FLEXIBLE ADAPTABILITY

A total of 10 gears can be selected to limit the maximum speed, which brings more practical safe and comfortable speed selection to the field operation. The slowest speed can be up to 0.3m/min, providing excellent service for stations that need precise positioning or careful handling.



PRECISE POSITIONING

After reaching the desired position, release the handle to stay at the preset position instantly without sliding up and down, providing you with accurate and safe positioning.



Greater travel

The effective lifting stroke is 3.3m and the limit stroke is 3.5m, leading most similar products.



SAFE AND RELIABLE PROTECTION

▶ SOFT LIMIT PROTECTION:

The upper and lower limits of any position can be preset through software, and the action will be stopped after automatic deceleration when approaching the limit;

▶ POWER-OFF PROTECTION:

When the power is suddenly lost, the brake is automatically tightened to prevent the workpiece from falling;

▶ OVERLOAD WARNING:

After overload, the products will not be lifted, and the display screen will prompt an overload alarm;

▶ ALARM FOR WIRE ROPE LOOSENING:

After the wire rope is loosened, stop any operation until the tension is recovered;

▶ MISOPERATION PREVENTION:

Operation can be carried out only after the hand reaches the operation range, and the equipment action will not be caused by accidental touch.

UPGRADE FUNCTION

AUTOMATIC SUSPENSION

10 different weight parameters can be preset. When the system recognizes the preset weight, it can automatically enter into the suspension mode to avoid manual switching and it is more convenient.

PALLETIZING FUNCTION

Through the preset of the space coordinates, the lifting load can be accurately positioned and stopped layer by layer. The load will stop automatically when the operation runs up or down to the set position.

FUNCTION EXPANSION BOX SELECTION PLC

The function DIY can be realized, and a wider space is reserved for field adaptability.



FOLDING-MOUNTED JIB CRANE JFA

KLUKE[®] folding-mounted jib crane has high space utilization rate. The cantilever can be folded with flexible operation. It is easier to bypass obstacles or reach the area where the machine tool and mechanical equipment need to be loaded. With the use of intelligent lifting device, the positioning precision is high. It is conducive to realizing intelligent, labor-saving and fast material handling.

EQUIPMENT SELECTION TABLE

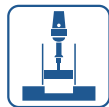
PRODUCT FEATURES



The loading can be up to 300kg



Jib foldable



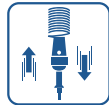
Suspension mode



Flexible rotation and precise positioning



No embedment required



High speed: the lifting speed can be up to 5 times of that of the traditional electric hoist

ROTATION MODE



Manual

LOAD	JIB LENGTH (M)	1+1	1.5+1.5	1.75+1.75	2.2+1.8
80KG	Height under the beam	2.5	2.5	2.5	2.5
	Height under the beam	3.0	3.0	3.0	3.0
	Height under the beam	3.5	3.5	3.5	3.5
	Height under the beam	4.0	4.0	4.0	4.0
	Height under the beam	4.5	4.5	4.5	4.5
200KG	Height under the beam	2.5	2.5	2.5	2.5
	Height under the beam	3.0	3.0	3.0	3.0
	Height under the beam	3.5	3.5	3.5	3.5
	Height under the beam	4.0	4.0	4.0	4.0
	Height under the beam	4.5	4.5	4.5	4.5
300KG	Height under the beam	2.5	2.5	2.5	2.5
	Height under the beam	3.0	3.0	3.0	3.0
	Height under the beam	3.5	3.5	3.5	3.5
	Height under the beam	4.0	4.0	4.0	4.0
	Height under the beam	4.5	4.5	4.5	4.5



CITIC Dicastal Co., Ltd. (Hebei, China)



APPLICATION INDUSTRY:

Automobile parts manufacturing industry



KLUKE SOLUTIONS:

Intelligent lifting device plus folding-mounted lifting equipment



CUSTOMER PROBLEMS:

It is frequent for workers to carry 75kg die castings to the machining center. However, the walking and lifting efficiency of the on-site crane is too low to meet the actual lifting requirements, resulting in high labor intensity of the workers is, and they are difficult to bear the high-intensity load. A kind of products with high working efficiency and light working intensity is urgently needed on site to realize high efficiency and easy handling of workpieces.



CUSTOMER COMMENTS:

The KLUKE solution perfectly solves the problem on site. The flexibility and convenience of the facilities are also preferred. The handling intensity of workers can be reduced, and they can pay more attention to the processing work. We are glad to have chosen KLUKE products.

VOITH (China) Group (Jiangsu, China)



APPLICATION INDUSTRY:

Paper machinery



KLUKE SOLUTIONS:

KLUKE 1000kg I-beam jib crane plus Germany Yale 1000kg electric chain hoist



CUSTOMER PROBLEMS:

There is only one 20t crown block on the top of the loading and unloading station of the machining center, which can not meet the requirements of high-precision and fast positioning. Workshop workers do not like to use the crown block because of its noise, high energy consumption and failure rate.



CUSTOMER COMMENTS:

The workshop supervisor and the machine operator were very satisfied with the equipment provided by KLUKE, and the work efficiency was greatly improved.





Zhejiang Yinchun Machinery Co., Ltd.

(Zhejiang, China)



APPLICATION INDUSTRY:

Textile machinery



KLUKE SOLUTIONS:

KLUKE 250kg track-mounted jib crane plus KLUKE 250kg electric chain hoist



CUSTOMER PROBLEMS:

The loading and unloading of the drilling machine is slow, the positioning of the workpiece is not accurate enough. There is no crane on site or ways to erect many columns, resulting in two people to lift. That's very dangerous.



CUSTOMER COMMENTS:

The loading and unloading speed of the workers is much faster than before. Nowadays, only one worker is needed instead of two. The saved labor cost in one year can be enough to buy several sets of equipment. The equipment is nice and the products of KLUKE are trustworthy and will be bought in the future---Manager Chen of R&D Department.

FAW-Volkswagen (Changchun) Co., Ltd. (Jilin, China)



APPLICATION INDUSTRY:

Automobile manufacturing



KLUKE SOLUTIONS:

KLUKE 125kg track-mounted jibcrane plus German Steyr 125kg electric chain hoist



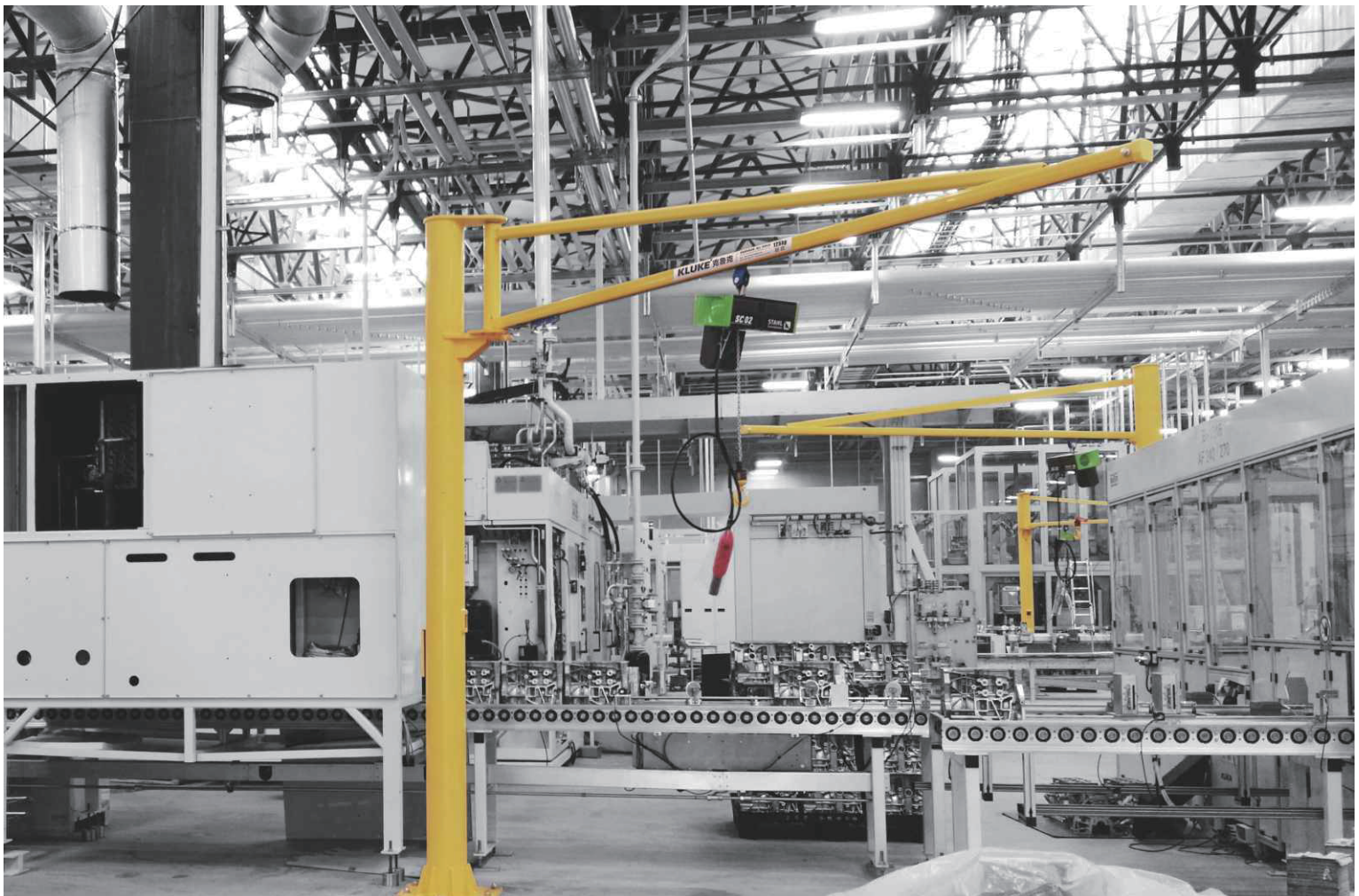
CUSTOMER PROBLEMS:

Workers need to often bend down to move the engine (about 45kg) to the assembly line. The work intensity is large for one day, so many workers leave the factory. Thus, the factory needs to hire and train other workers frequently, resulting in the increase of unnecessary management cost.



CUSTOMER COMMENTS:

The factory manager was surprised that he did not hear the workers complain any more. Soon similar stations around were equipped with KLUKE jib cranes. KLUKE paid great attention to the design of product details, and the workshops seemed to be well coordinated.





Suzhou Honbase Machinery Manufacturing Co., Ltd.(SERTA) (Jiangsu, China)



APPLICATION INDUSTRY:

Hydraulic machinery



KLUKE SOLUTIONS:

KLUKE 250KG KLUKE cantilever crane (aluminum main beam)+250KG Demag hand-held hoist



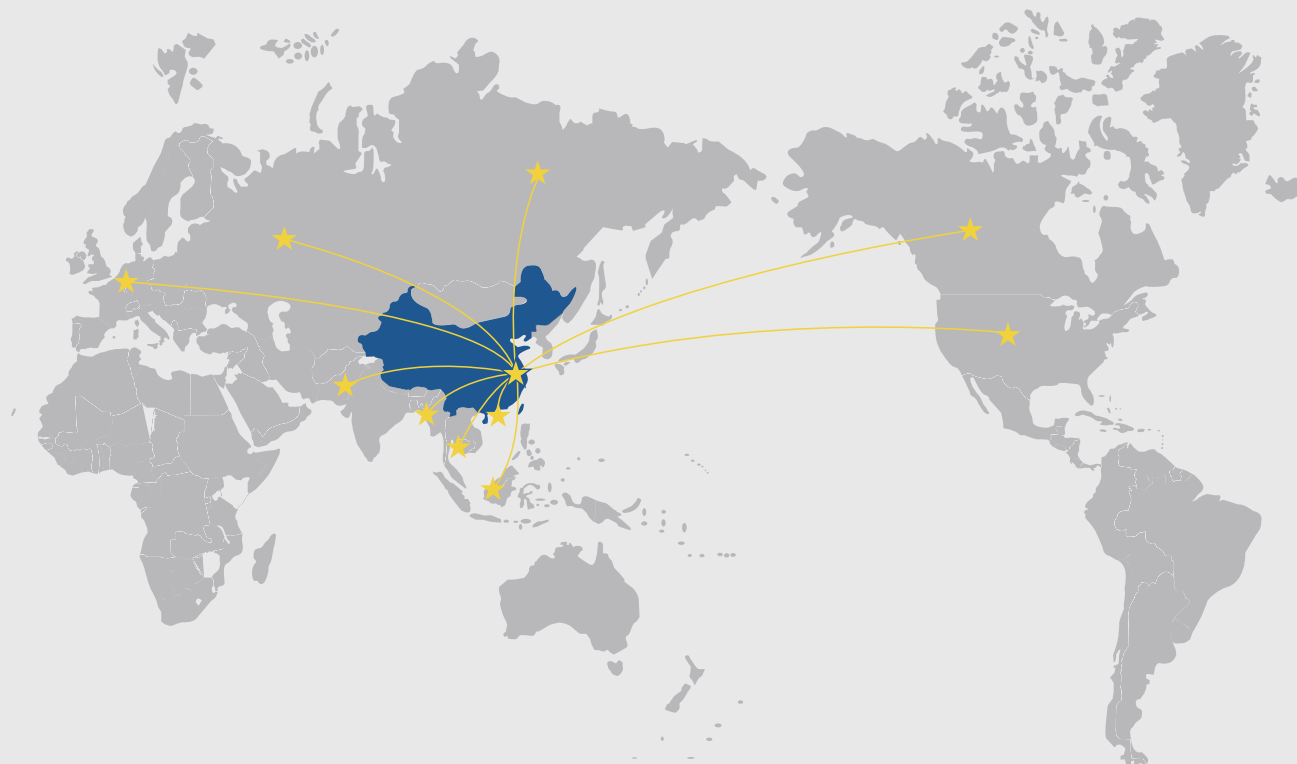
CUSTOMER PROBLEMS:

This station works with high frequency and fast pace, and it needs to take and load the materials frequently. The weight of single workpiece is about 50kg, so it is easy for manual handling to cause workpiece damage and industrial injury. In addition, the forklift cannot be used for handling due to the limited space and the working efficiency is low if a hydraulic truck is used. The station has strict requirements for accurate placement of workpieces, and the weight and size of workpieces are also relatively complex.




CUSTOMER COMMENTS:


For this purchase, we directly selected the KLUKE products, which not only solved the handling problem and greatly improved the efficiency, but also greatly improved the satisfaction of the workers. The original workers in this station are often replaced before. Now, everyone likes to operate in this station. The KLUKE rotary beam crane and the aluminum beam can be said to complement each other very well, which is light in use and accurate in positioning.




KLUKE AND ITS DEALERS HAVE SUCCESSIVELY SUPPLIED A LARGE NUMBER OF RIGID LIGHT LOAD LIFTING SYSTEMS TO SAIC-VOLKSWAGEN, FAW-VOLKSWAGEN, SCHAEFFLER GROUP (CHINA), JAGUAR LAND ROVER, BEIJING BENZ, CRRC, AVIC, AUTOLIV, VOITH, UPM, DISNEY, ETC., AND HAVE BEEN WIDELY PRAISED.

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PLEASE CONTACT OUR AUTHORIZED AGENT

