微特® 监控系统广宣(2021-2)
WTAU® (2021-2)

WTAU®

# SAFETY EXPERT FOR CRANES


**WEITE TECHNOLOGIES CO.,LTD.**

No.6 Gangcheng Road,Yichang,443000,Free Trade Zone(Hubei) China.

http://weite.tech

+86-717-7256059 +86-717-6906018

+86-15507209968 sales@weite.tech


WEBSITE

CCS ISO CE Ex NEPSI TX

WEITE TECHNOLOGIES CO.,LTD.

- National high-tech enterprise
- CE authentication enterprise
- ISO9001-2008 quality system certification
- CCS certification enterprises
- 2500T large crane overload limiter production qualification
- 342000 kn. m Super large load moment indicator production qualification
- Hoisting machinery maintenance class A qualification
- Crane load moment indicator explosion-proof certificate
- Crane safety monitoring management system of national recognized qualification
- Yichang sensing united laboratory construction enterprise
- Drafting compang of four national standards

# INTRODUCTION

Founded in 2002, Weite Technologies Co.,Ltd is a national hi-tech enterprise located in renowned "Hydro-power Capital" - Yichang City. It is a key enterprise supported by Hubei province and focusing on R&D and OEM manufacturing lifting safety protection devices such as load moment indicator, safe monitoring systems, load cell, anemometers etc. The company continuously concentrate on ensuring lifting equipments run safely as it long-term pursuing goal. Nowadays, products are widely used in marine industry,electrical, chemical, steel, metallurgy, construction, ports and other industries, and have been wide spreaded to over 30 countries and regions.

The company has acquired over 40 patents and numerous significant provincial scientific achievements, together with third ranking of Hubei Science and Technology Award. It regards quality as life by equipped with CE, ISO9001-2008, CCS, UL certificates.

Till now, we have established long-term cooperation with several large-scale enterprises in China by reliable quality and good reputation. Meanwhile, Weite will always stand firmly on ensuring lifting equipment safer and more reliable towards our customers, with the corporate belief oriented by integrity, pragmaticism,innovation and specialization.

Weite specialized in crane safety management since 2002,Continue to cultivate four major industries.Strive to build a world-class crane safety protection expert.

Weite has registered trademarks as following:

WEITE® WTAU® 微特

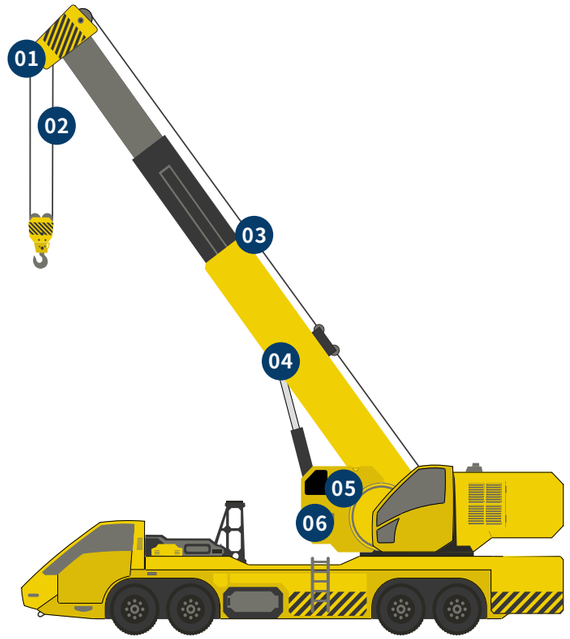
# LOAD INDICATOR

## MOBILE CRANE

SAFETY EXPERT FOR CRANES

## Specification & Application

| | |
|---|---|
| Style No. | A700 |
| Display | 8inch LCD |
| Operating temperature | -20°C~70°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽6 channels |
| Control output | ⩽6 channels |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜30W |
| Alarm volume | ＞60db |
| IP grade | Ip65 |
| Power supply | AC220V/DC24V |




01 

Limit switch

02 
Heavy hammer

03 
Load sensor:SHL

04 
Length/Angle sensor:WTC/J

05 
Data control box

06 
Display

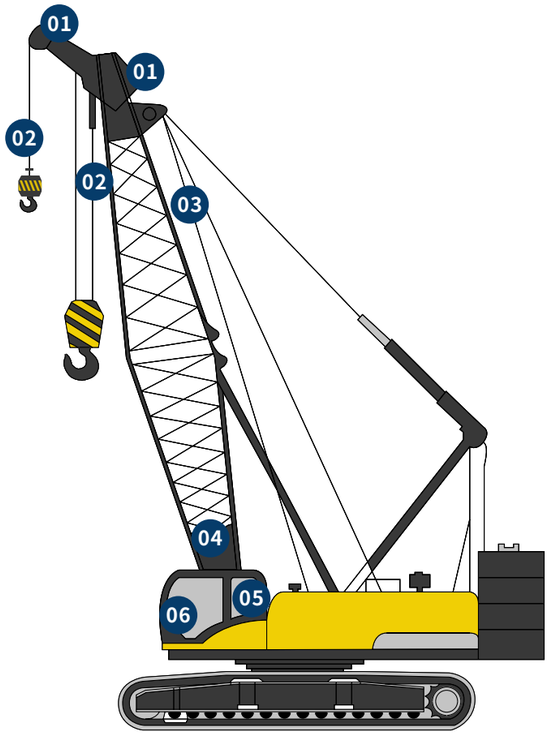
# LOAD INDICATOR

## CRAWLER CRANE

SAFETY EXPERT FOR CRANES

## Specification & Application

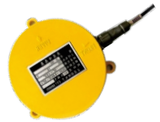
| | |
|---|---|
| Style No. | A700 |
| Display | 8inch LCD |
| Operating temperature | -20°C~70°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽6 channels |
| Control output | ⩽6 channels |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜30W |
| Alarm volume | ＞60db |
| IP grade | Ip65 |
| Power supply | AC220V/DC24V |




01  Limit switch

02  Heavy hammer

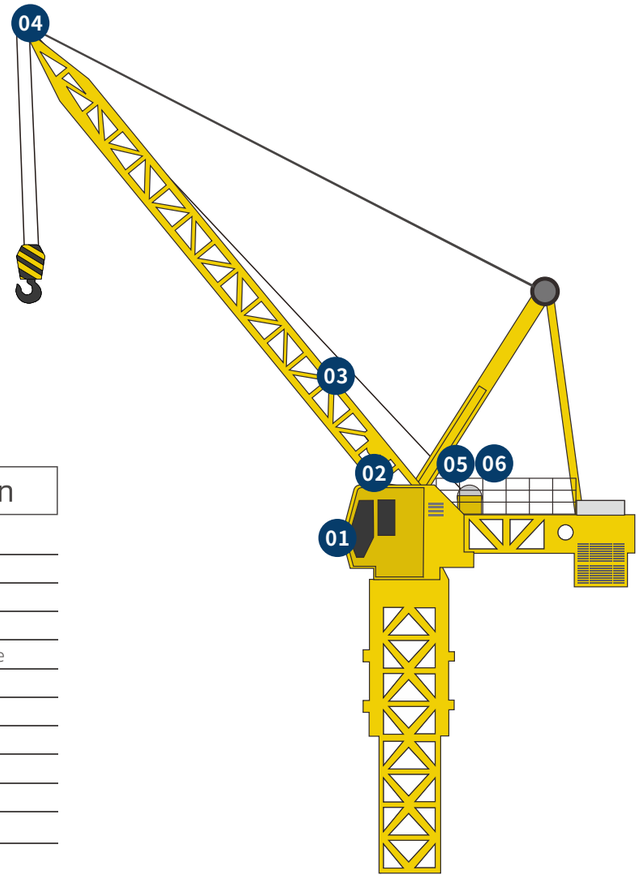
03  Load sensor:SHL

04  Angle sensor

05  Data control box

06  Display

# LUFFING BOOM TOWER CRANE




## Specification & Application

| | |
|---|---|
| Style No. | A200 |
| Operating temperature | -20°C~60°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽5 channels |
| Control output | Switching value |
| | 4~20mA RS485 |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜35W |
| Alarm volume | ＞60db |
| IP grade | Ip64 |
| Power supply | AC220V±10% |

01  Display:WTL-A200

02  Angle sensor: JD-180

03  Load sensor:SHL

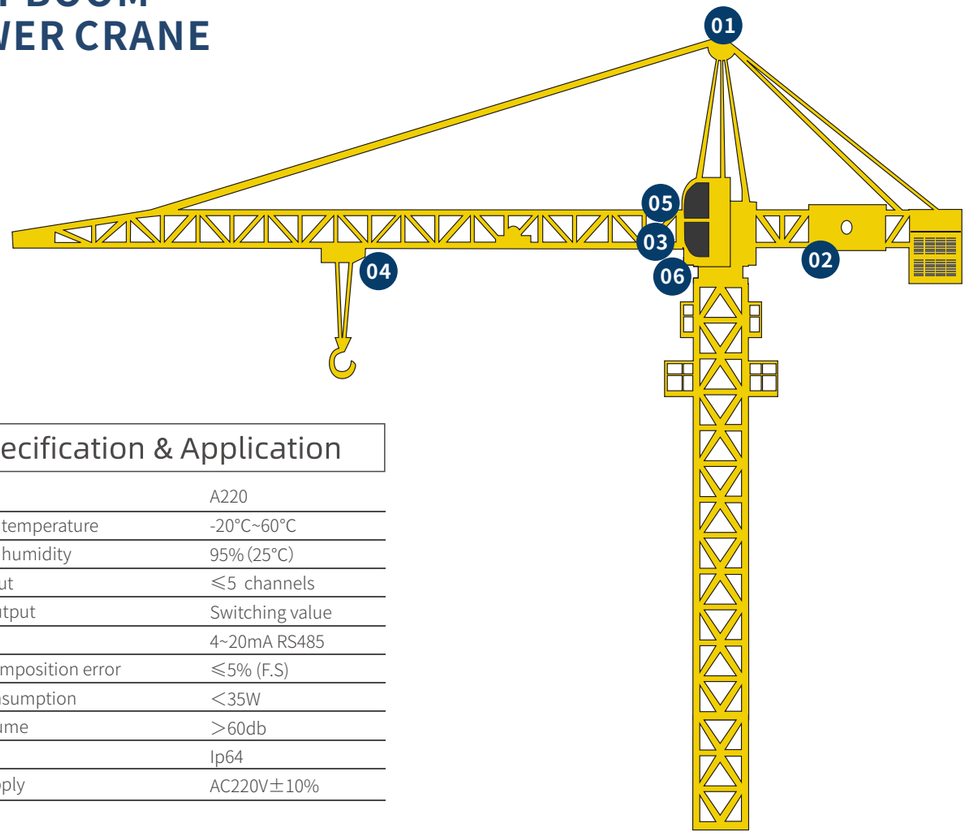
04  Wind speed sensor

05  Height sensor: DXZ

06  Encoder



# FLAT BOOM TOWER CRANE




## Specification & Application

| | |
|---|---|
| Style No. | A220 |
| Operating temperature | -20°C~60°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽5 channels |
| Control output | Switching value |
| | 4~20mA RS485 |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜35W |
| Alarm volume | ＞60db |
| IP grade | Ip64 |
| Power supply | AC220V±10% |

01  Wind speed sensor

02  Height sensor: DXZ

03  Azimuth sensor

04  Trolley sensor :DXZ

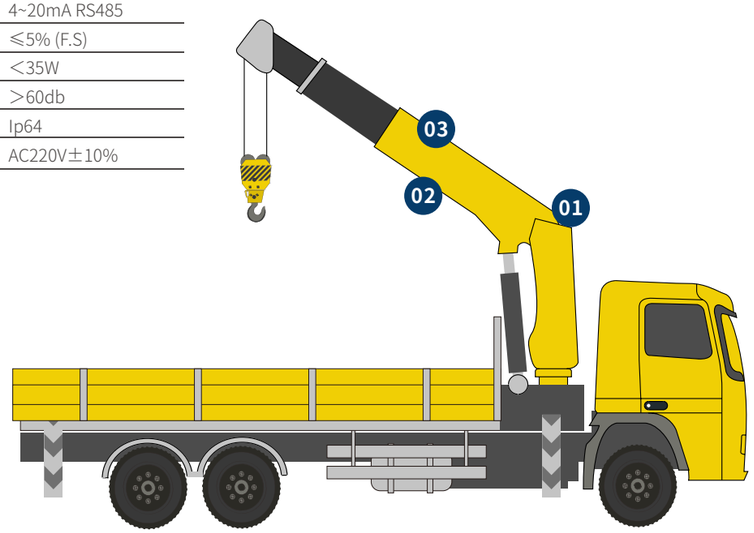
05  Load sensor: ZX

06  Display: WTL-A220

# TRUCK MOUNTED CRANE

## Specification & Application

| | |
|---|---|
| Style No. | A200 |
| Operating temperature | -20℃~60℃ |
| Operating humidity | 95% (25℃) |
| Signal input | ⩽5 channels |
| Control output | Switching value |
| | 4~20mA RS485 |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜35W |
| Alarm volume | ＞60db |
| IP grade | Ip64 |
| Power supply | AC220V±10% |




01  Display:WTL-A200

02  Load sensor:SHL

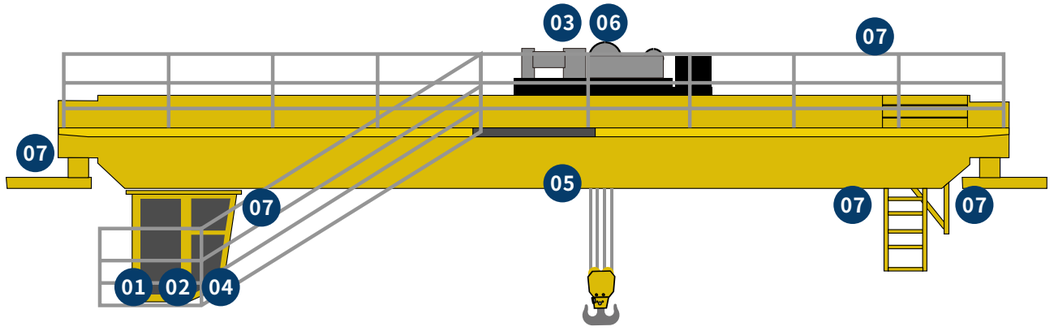
03  Length/Angle sensor:WTC/J



# OVERHEAD CRANE

## Specification & Application

| | |
|---|---|
| Style No. | A700 |
| Display | 8inch LCD |
| Operating temperature | -20℃~70℃ |
| Operating humidity | 95% (25℃) |
| Signal input | ⩽6 channels |
| Control output | ⩽6 channels |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜30W |
| Alarm volume | ＞60db |
| IP grade | Ip65 |
| Power supply | AC220V/DC24V |




01  HD recorder

02  Display

03  Hoisting height sensor(encoder)

04  Monitor

05  Load sensor

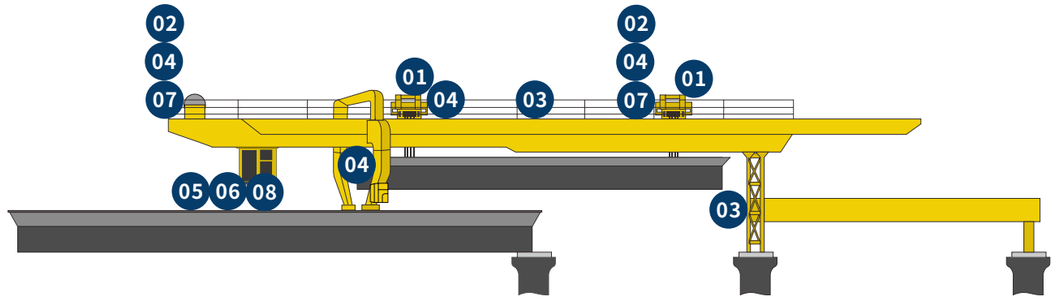
06  Limit switch

07  Camera

# LAUNCHING MACHINE

## Specification & Application

| | |
|---|---|
| Style No. | A700 |
| Display | 8inch LCD |
| Operating temperature | -20°C~70°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽6 channels |
| Control output | ⩽6 channels |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜30W |
| Alarm volume | ＞60db |
| IP grade | Ip65 |
| Power supply | AC220V/DC24V |




01  Load sensor

02  Height sensor: DXZ

03  Single-axis tilt sensor

04  Infrared camera

05  Display

06  HD recorder

07  Encoder

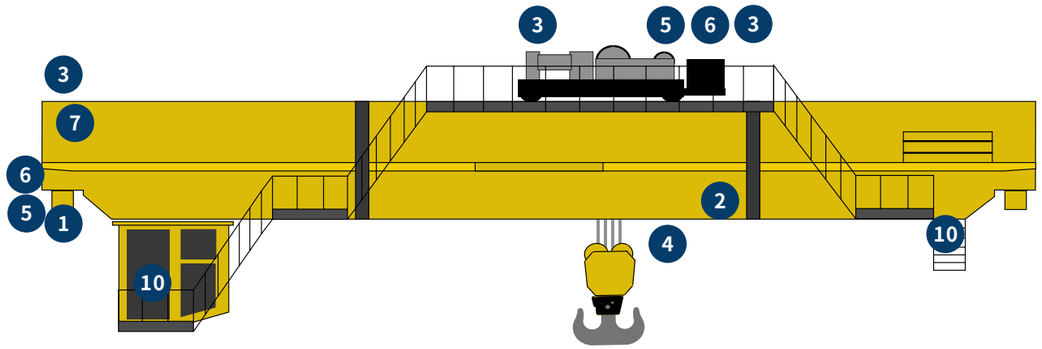
08  Display



# METALLURY CRANE

## Specification & Application

| | |
|---|---|
| Style No. | A700 |
| Display | 8inch LCD |
| Operating temperature | -20°C~70°C |
| Operating humidity | 95% (25°C) |
| Signal input | ⩽6 channels |
| Control output | ⩽6 channels |
| System composition error | ⩽5% (F.S) |
| Power consumption | ＜30W |
| Alarm volume | ＞60db |
| IP grade | Ip65 |
| Power supply | AC220V/DC24V |




01  HD recorder

02  Load sensor

03  Proximity limit switch

04  A2B limit switch

05  Encoder

06  Length measurement sensor for trolley

07  Distance measurement sensor

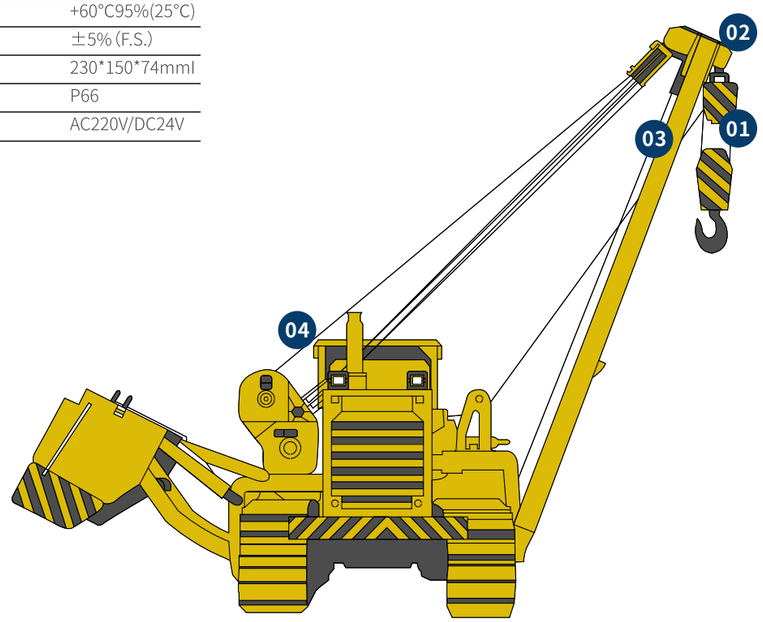
08  Display

09  Infrared camera

# PIPE LAYER WIRELESS LMI SYSTEM

## Specification & Application

| | |
|---|---|
| Model No. | WT-W330V |
| Operating | 20°C~ |
| temperatureOperating | +60°C95%(25°C) |
| humidity System compostion | ±5% (F.S.) |
| errorOutside dimensions | 230*150*74mmI |
| (L*W*H) IP gradePower supply | P66 |
| | AC220V/DC24V |




01  Load sensor: ZX

02  Limit switch

03  Wireless transmission module and angle sensor

04  Display



# BEAM CARRIERS

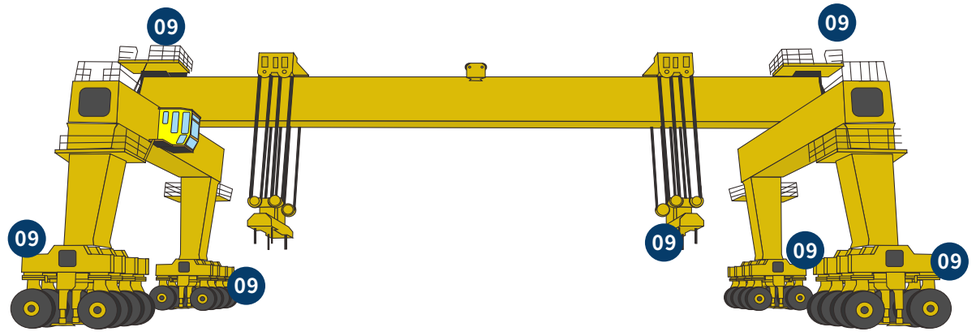
1.This system can meet the requirements of national standards《GB/T28264-2012》for safety monitoring of portal cranes.and can independently record and view classification parameters in real time.

2.It has common communication interface, passive switch signal interface, 4-20mA analog signal interface, pulse signal interface, independent and expandable I/O function. The data of the whole machine adopts Modbus or Profibus communication.

3.Historical operation records can be viewed in real time, and the correctness of operations can be analyzed and judged in the background.Various operating information of the equipment can be uploaded and recorded in the server.

4.The real-time GPS location of the device can be viewed remotely.

5.Early warning, alarm and control of common faults, and save fault information, can improve the safety and reliability of equipment operation.




01  Color touch screen

02  DXZ limit switch

03  Load sensor: PY

04  Wind speed sensor

05  Load sensor: ZX

06  Encoder

07  Display

08  HD recorder

09  Infrared camera

10  I/O module

# TOWER CRANE
## ANTI-COLLISION SYSTEM

The WTAU tower anti-collision system is a safety assistance device for the management of the tower cranes operations on construction sites with two or morecranes. It helps the crane operator to anticipate the risk of collision between the moving parts of his crane and those of the neighboring crane.

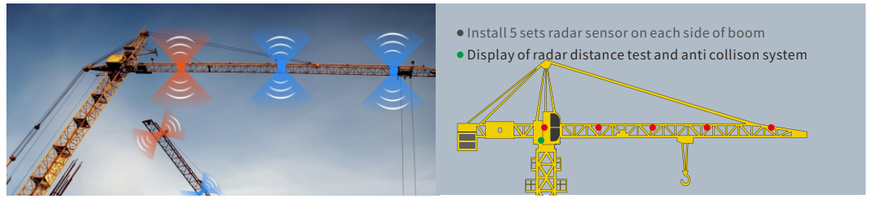


## Tower crane anti-collision system

The new system of tower crane equipments’ zone protection anti-collision system, adopted with the most advanced millimeter wave radar sensor design, it is the active detection of obstacles entering the detection area, sending alarm information to the cabin, ensure the operators reaction in time to avoid accidents Or provide control signals to command the hoisting equipment directly. The data is connected by CAN signal and the data connection is stable. Detect horizontal obstacles and use data feedback to detect obstacles on both sides of the boom horizontally to prevent collisions with buildings and other lifting equipment.

After fixed the millimeter wave radar sensor on the boom with a U-shaped card, and fixed the sensor on the boom, connect and set all the data, choose the suitable relative distance,then the system can work. The millimeter wave radar sensor has flexible installation position and is suitable for various anti-collision application platforms. Six or more modules can be installed according to the application requirements,and low-power electromagnetic beams are transmitted to the surroundings, and the echo signals are captured to calculate the distance, speed, and angle of the obstacles; through the calculation of the monitor, Alarm warning is provided to prevent collisions from occurring.

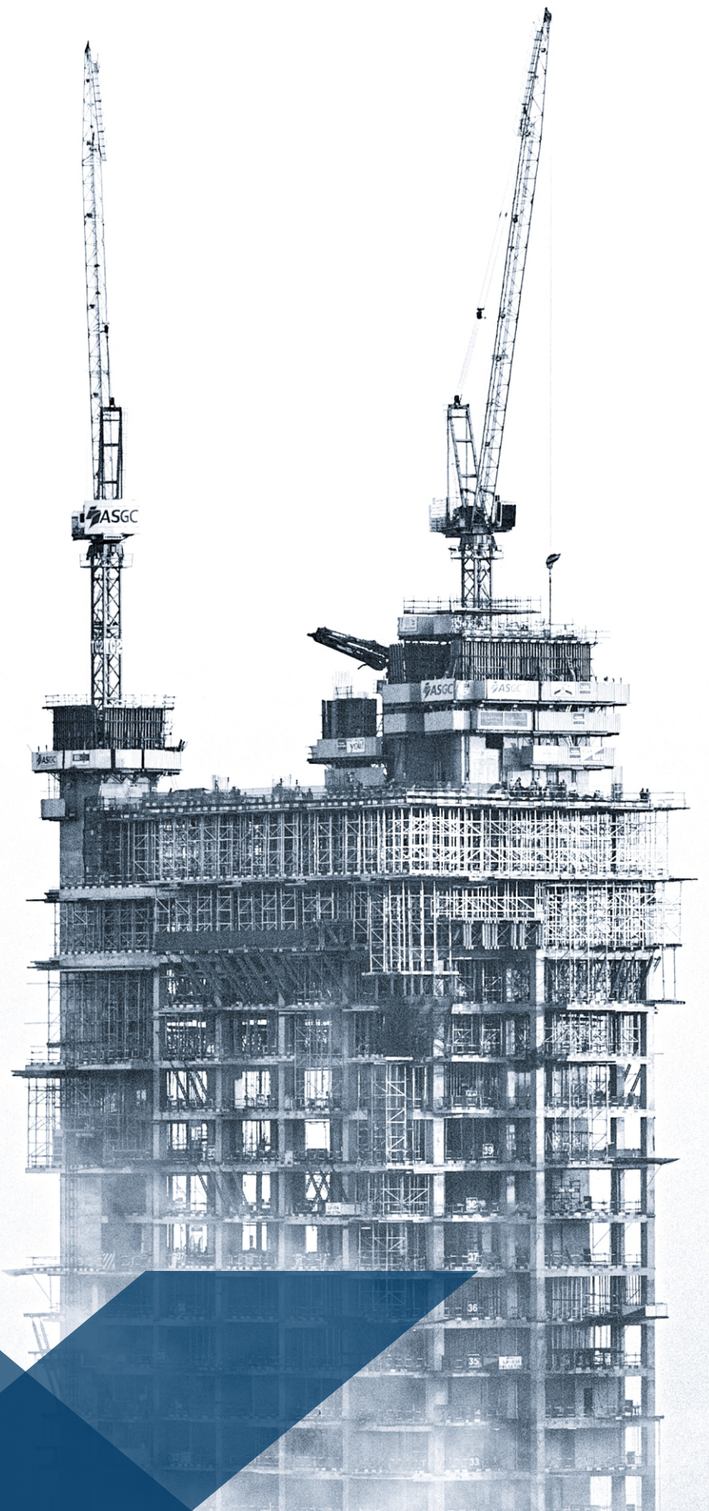
Usually, the working range of the tower crane is limited to the boundary of the construction site.
If the crane boom hits the obstacle, also resulting heavy losses sometime stalls the project and even fatal accidents are being happened..
The anti collision system can limit the operating range of the tower crane and provide alarming in advance to avoid the above risks.



## The Main interface of the Monitor:


## The main parameters:

1. Input 4 to 12 CAN signals;
2. 7 inch industrial grade LCD screen
3. Working environment temperature: -20 ° C ~ 70 ° C
4. Working environment humidity: 95% (25°C)
5. Working methods: continuous
6. The detection distance covers 0.75M-30M;
7. Vibration: Acceleration ⩽ 5g (g is gravitational acceleration)
8. System comprehensive error: ⩽5% (F.S)
9. Machine power consumption: less than 30W
10. Alarm volume: greater than 60db
11. Motion error: ⩽±3% (F.S)
12.IP Grade: IP55
13. Working voltage: AC220V or DC24V




# Tower crane anti-collision system

◆ Real-time monitoring: Real-time monitoring and acquisition of obstacle data on both sides of the boom. Feedback to the display interface through the host in time.

◆ 7-inch LCD touch screen: 7-inch industrial-grade color LCD screen, stable performance; 800 * 480 graphics dot matrix.

◆ Graphic display: Hanxian LCD screen, the interface displays the current actual working parameters in real time with numerical values, texts, graphics, etc., and more intuitively know the working state around the crane boom.

◆ Dynamic simulation: full-color graphical interface, which can dynamically simulate the working status of the current lifting equipment, the interface is more realistic and more intuitive.

◆ Sound and light alarm: When the actual working condition parameter reaches the preset limit value, the meter will give an audible and visual alarm prompt. When the preset limit value is reached, the safety control signal will be output at the same time to ensure the construction safety.

◆ Password protection: Multi-level password protection function, which can be set to modify the permissions and prevent arbitrary modification by unrelated personnel.

◆ Anti-interference: Adopt CAN communication data connection, hardware and software have strong anti-interference ability to external electromagnetic waves.

◆ Worry-free operation: During parameter setting and debugging, each corresponding setting interface has operating instructions to facilitate user's easy use.

◆ Good versatility: easy to install and debug, able to meet the mechanical requirements of various types of cranes, and can meet the requirements of stepless alarms in various working conditions.

◆ Control release: Specially set the “control release” button. In this state, the meter does not control output, which meets the user's special working conditions.

◆ Jitter delay: The anti-shake delay function greatly enhances the adaptability of the instrument input data.

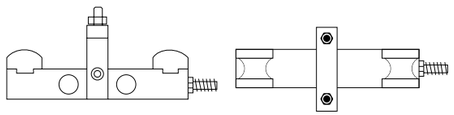
◆ Power-down protection: Data will not be lost when power is suddenly turned off. Can work continuously for a long time.

◆ Sino-British interface: Built-in Chinese and English interface, switch through the drop-down menu in the page.

◆ Strong versatility: It can meet the needs of various types of crane machinery and meet the requirements of stepless alarms in various working conditions.Widely suitable for various equipments. Configuration software design, more stable and convenient to select operating system by device.

## Load sensor clamp type

## Model : PY



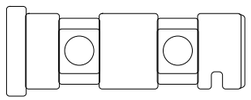
| tension (t) | H | B1 | B2 | L | diameter of wire rope (mm) |
|---|---|---|---|---|---|
| 1 | 95.5 | 40 | 60 | 180 | Φ6~Φ14 |
| 2 | | | | | Φ10~Φ18 |
| 3 | | | | | Φ12~Φ20 |
| 5 | 136.5 | 40 | 75 | 200 | Φ16~Φ26 |
| 10 | 174 | 60 | 110 | 260 | Φ24~Φ36 |

Notice : over 10T capacity load cell offering designed customized load sensor different type and product have different parameter

| | | |
|---|---|---|
| Specified load: 10, 15, 20, 25, 30, 40, 50t | Temperature Effect On Output:±0.02%F.S/10°C | Max overload: 250%F.S |
| Sensitivity: 1.0±0.005mV/V | Input impedance: 750±20Ω | Driving voltage: 10~12V DC |
| Synthetic errors: ±0.02%F.S; ±0.03%F.S | Output impedance: 703±3Ω | Max driving voltage: 15V DC |
| Creepage(30 min): ±0.02%F.S | Insulation resistance: ⩾5000MΩ | Sealed IP: IP68 |
| Null balance: ±1%F.S | Working temperature range:-30~+70°C | Material: Alloy steel |
| Null temperature influence: ±0.02%F.S/10°C | Safe overload: 150%F.S | Cable: Φ5mm |

## Load sensor pin type

## Model : ZX



It is suitable for lock shackles, movable and fixed pulley marine riggings, connecting forks, hoisting rings replacing the original shaft function, and also capable of weighing and measuring force.

| capacity(t) size(mm) | ΦD | Φd | L | L1 | L2 | L3 | a | b | M |
|---|---|---|---|---|---|---|---|---|---|
| L1 | 50 | 40 | 150 | 128 | 102 | 50 | 6 | 5 | M8 |
| L2 | 70 | 60 | 210 | 176 | 130 | 74 | 8 | 9 | M10×1 |
| B1 | 70 | 60 | 210 | 176 | 130 | 74 | 8 | 9 | M10×1 |
| H | 105 | 90 | 250 | 212 | 156 | 96 | 10 | 13 | M10×1 |
| Φ | 105 | 90 | 250 | 212 | 156 | 96 | 10 | 13 | M10×1 |

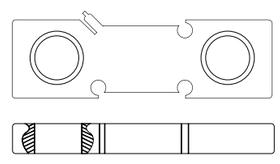
Notice : over 30T capacity load cell offering designed customized load sensor different type and product have different parameter

| | | |
|---|---|---|
| Specified load: 10, 15, 20, 25, 30, 40, 50t | Temperature Effect On Output:±0.02%F.S/10°C | Max overload: 250%F.S |
| Sensitivity: 1.0±0.005mV/V | Input impedance: 750±20Ω | Driving voltage: 10~12V DC |
| Synthetic errors: ±0.02%F.S; ±0.03%F.S | Output impedance: 703±3Ω | Max driving voltage: 15V DC |
| Creepage(30 min): ±0.02%F.S | Insulation resistance: ⩾5000MΩ | Sealed IP: IP68 |
| Null balance: ±1%F.S | Working temperature range:-30~+70°C | Material: Alloy steel |
| Null temperature influence: ±0.02%F.S/10°C | Safe overload: 150%F.S | Cable: Φ5mm |



## Load sensor plate ring type

## Model : BH



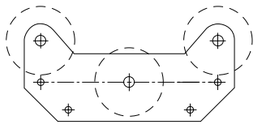
| capacity(t) size(mm) | 0.5T | 1T | 1.5T | 2T | 3T | 4T | 5T | 6T | 8T | 10T | 12T | 15T | 20T | 25T | 30T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1 | 156 | | 195 | | 218 | 235 | 280 | | 300 | 320 | | 340 | | 340 | |
| L2 | 110 | | 135 | | 140 | 150 | 180 | | 195 | 210 | | 210 | | 210 | |
| B1 | 38 | | 60 | | 64 | 68 | 85 | | 92 | 96 | | 120 | | 120 | |
| H | 11 | 13 | 16 | 20 | 23 | 28 | 30 | | 30 | 34 | | 34 | | 50 | |
| Φ | 14 | 22 | 27 | 27 | 34 | 38 | 50 | | 58 | 60 | | 60 | | 60 | |

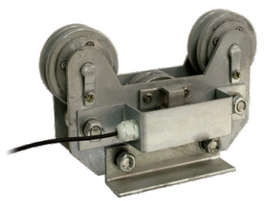
Notice : over 30T capacity load cell offering designed customized load sensor different type and product have different parameter

| | | |
|---|---|---|
| Specified load: 10, 15, 20, 25, 30, 40, 50t | Temperature Effect On Output:±0.02%F.S/10°C | Max overload: 250%F.S |
| Sensitivity: 1.0±0.005mV/V | Input impedance: 750±20Ω | Driving voltage: 10~12V DC |
| Synthetic errors: ±0.02%F.S; ±0.03%F.S | Output impedance: 703±3Ω | Max driving voltage: 15V DC |
| Creepage(30 min): ±0.02%F.S | Insulation resistance: ⩾5000MΩ | Sealed IP: IP68 |
| Null balance: ±1%F.S | Working temperature range:-30~+70°C | Material: Alloy steel |
| Null temperature influence: ±0.02%F.S/10°C | Safe overload: 150%F.S | Cable: Φ5mm |

## Load sensor pulley type

## Model : SHL





| capacity(t) size(mm) | 0.5T | 1T | 1.5T | 2T | 3T | 4T | 5T | 6T | 8T | 10T | 12T | 15T | 20T | 25T | 30T |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L1 | 156 | | 195 | | 218 | 235 | 280 | | 300 | 320 | | 340 | | 340 | |
| L2 | 110 | | 135 | | 140 | 150 | 180 | | 195 | 210 | | 210 | | 210 | |
| B1 | 38 | | 60 | | 64 | 68 | 85 | | 92 | 96 | | 120 | | 120 | |
| H | 11 | 13 | 16 | 20 | 23 | 28 | 30 | | 30 | 34 | | 34 | | 50 | |
| Φ | 14 | 22 | 27 | 27 | 34 | 38 | 50 | | 58 | 60 | | 60 | | 60 | |

Notice : over 10T capacity load cell offering designed customized load sensor different type and product have different parameter

| | | |
|---|---|---|
| Specified load:start from500KG | Temperature Effect On Output:±0.02%F.S/10°C | Max overload: 250%F.S |
| Sensitivity: 1.0±0.005mV/V | Input impedance: 750±20Ω | Driving voltage: 10~12V DC |
| Synthetic errors: ±0.02%F.S; ±0.03%F.S | Output impedance: 703±3Ω | Max driving voltage: 15V DC |
| Creepage(30 min): ±0.02%F.S | Insulation resistance: ⩾5000MΩ | Sealed IP: IP67 |
| Null balance: ±1%F.S | Working temperature range:-30~+70°C | Material: stainless steel |
| Null temperature influence: ±0.02%F.S/10°C | Safe overload: 150%F.S | Cable: Φ 5mm |

## Angle sensor

## Model :JD-180


| | |
|---|---|
| Model: JD180-L (Left Mounted) JD180-R (Right Mounted) | Linearity：0.1、0.5、1% |
| Components: conductive plastic potentiometer (CPP) | Impact Resistance: 20g15~20ms |
| Measuring Range: -10°~+110° | Waterproof type: Ip67 |
| Rated Output: DC3~6.9V/0 ~ 90° | Working Humidity: 10~95% |
| Working Voltage: DC15V | Working Temperature: -20~+60°C |

## External display

## Model： DPM





| |
|---|
| Display characters: 6-digit LED with a character height of 125mm; |
| Power supply: AC 187～242V; 49～51Hz; |
| Communication interface: RS232 mode/current loop mode; |
| Operating temperature: 0～40°C; |
| Operating humidity: ≤85%RH; |



## Length/Angle sensor

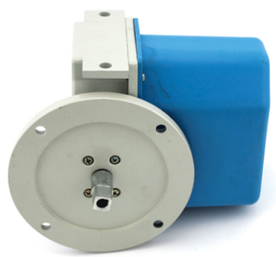
## Model : WTC/J

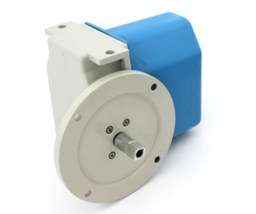


| Model | Relay Signal | Length measurement range | Angle measurement range | Signal Output | Length nonlinearity | Angle nonlinearity |
|---|---|---|---|---|---|---|
| WTC/J-25L/R | 3 cores (Power,com, signal) | 0-25m | -10°~90° | 0~10V | ≤0.2% | ≤0.15° |
| WTC/J-35L/R | 3 cores (Power,com, signal) | 0~35m | -10°~90° | 0~10V | ≤0.2% | ≤0.15° |
| WTC/J-45L/R | 3 cores (Power,com, signal) | 0~45m | -10°~90° | 0~10V | ≤0.2% | ≤0.15° |

## Hoist limiter

## Model： QGX





| |
|---|
| the working tempera ture：-35°C～+60°C； |
| Ratedvol tage of Limiter：AC380V； |
| rated current of limiter：10A； |
| Rated lifting height：1.QGX-AType： Effective working cylinder number0～40circles； |
| 2.QGX-BType：Effective working cylinder number0～80circles；3.QGX-CType：Effective working cylinder number0～120circles; |
| Limit switch：Four limiter sofad justable limit position. |

# ANEMOMETERS

Anemometer is designed as the intelligent wind speed sensing devices.The system has high stability,strong anti-interference ability,high detection,wind cup is made of the special material,high mechanical strength,strong wind resistance ability,easy to install and use.All the electric interfaces are in line with the international standards,it can be used on different working conditions without installation debugging.

## Wind speed sensor

### Model : WFS

| | |
|---|---|
| SignalOutputMethod | 0~5V4~20mARs485 |
| SignalOutput | 36/circle |
| WorkingVoltage | DC12V/DC24V |
| WorkingCondition | -30°C~+60°C |
| MeasurementsError | ±(0.5+0.05V) |
| | V：windspeedmeasurements |
| MeasuringRange | 0~60m/s |
| WindCupHeight | 283mm |

## Wind direction sensor

### Model : SC/FX

| | |
|---|---|
| Range | 16directions(360degree) |
| MeasurementAccuracyInput | ±5% |
| Voltage | 24DC |
| OutputSignal | currentsignal |
| Cables | threecorewire |

## Wind display

### Model : WTF-B500

WTF-B series digital wind speed and direction sensor is used to measure instantaneous wind speed and average wind speed,with automatic monitoring,real-time display,over-limit alarm and control functions.

| | |
|---|---|
| MeasurementRange | 0~60m/s |
| Resolution | 0.1m/s |
| Accuracy | ±5% |
| HistoryRecords | 50000 |
| VoltageRange | 24V±20% |
| | /220V±20%/380V±20% |
| Outpu | ≤2road,RS485/4-20mA |
| IPGrass | IP65 |



## Limit switch

### Model : DXZ

| No | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---|---|---|---|---|---|---|---|---|
| Ratio | 1:13 | 1:17 | 1:46 | 1:60 | 1:78 | 1:210 | 1:274 | 1:960 |

1.Model DXZ multifunction limit switch consist of big high precision transmission ratio reducer,a mechanical memory control system with its output shaft and sensor.
2.Model DXZ multifunction limit switch and displacement signal of control system connect with it ‘s output shaft via variable speed external wheel.
3.The memory cam and micro switch of corresponding Model DXZ multifunction limit switch adjustment axle:1Z1T1W;2Z2T2WK;3Z3T3WK;4Z4T4WK.
4.Connecting flange will be equipted as request.

## Anti two block switch

### Model : GJ-1


GJ-1 A2B limit switch is an electrical automatic protection switch for lifting wire rope anti-volume limit.it is matched with the hammer which uses the hook movement up and down to hold up,disconnect or turn-on switch to achieve the purpose of automatically cut off the hoist power supply connected braking system and to reach the limit rope over volume & the hook up and down within a certain height.

- Professional design
- Advanced performance
- Safe and reliable
- Strong water proofing
- Easy installing

| | |
|---|---|
| WorkingVoltage | 12v~280v |
| RatedCurrent | 5A |
| SupportingTheExtemalHammerWeight | ⩾1.7kg |
| TheWireRopeForHammer | ⩽Φ32 |
| RatedWorkingCurrent | 10A |

GJ-1 : To reach the peak normally open (hook across the boom,loop disconnect).
GJ-3 : To reach the peak normally closed (hook met crane,closed loop).

# CLIENTS AND PARTNERS

JENMON
TWC 長運
alanoca
sembcorp marine
TAT HONG HOLDINGS LTD
Keppel Offshore & Marine
SANKYU
MACGREGOR
SSW SUKSAWAT TERMINAL
大豊商事株式会社 TAIHO-SHOJI INC.
STIT COMPANY LIMITED
أرامكو السعودية saudi aramco
NAWARAT
BIG CRANE
金光集团 sinarmas
PELINDO4 Lokomotif Indonesia Timur
SBP
LEMO CRANE
SEMEN INDONESIA
POWER MECH
GUNANUSA UTAMA FABRICATORS
TECMACO
ABB
ASIA
ICP
SPK CRANE

SAFETY EXPERT FOR CRANES