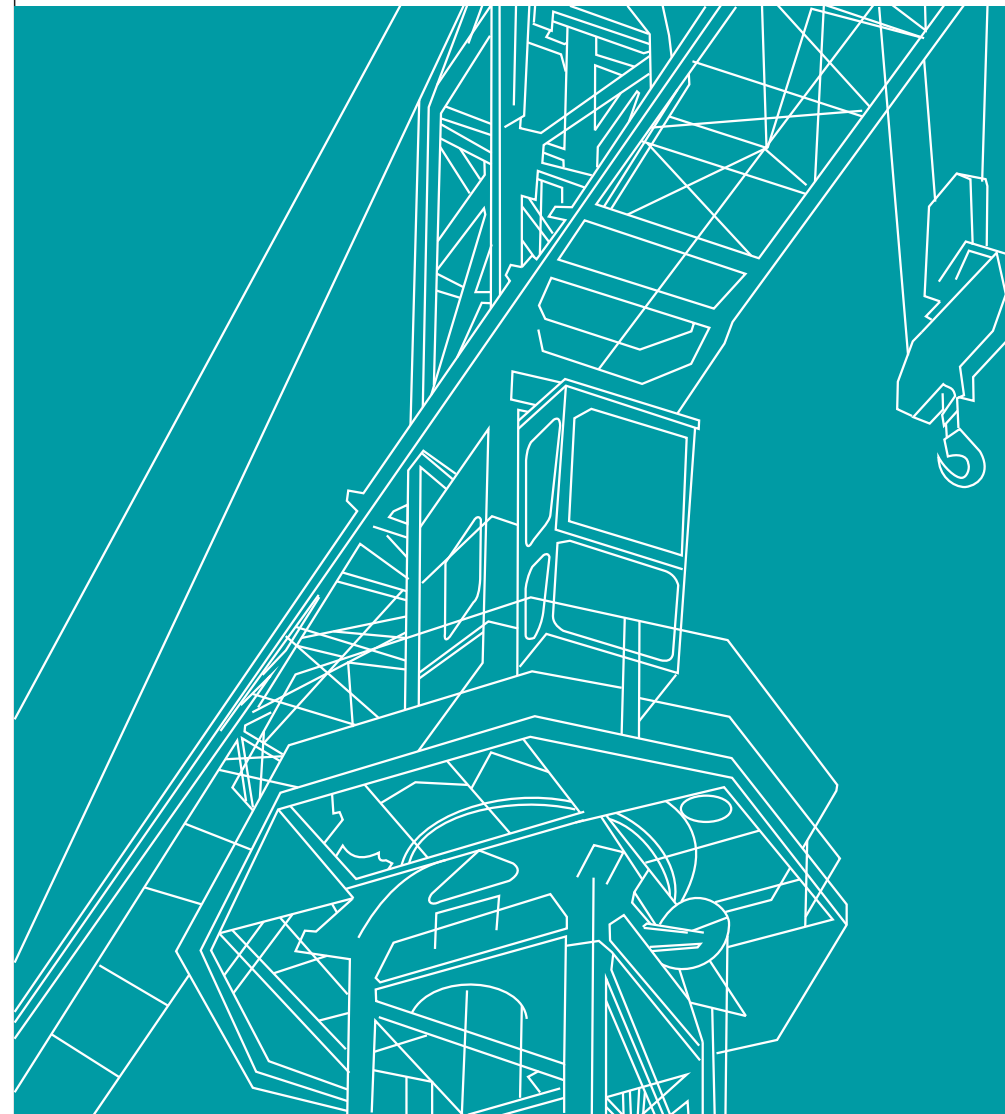


VEICHI

Crane Solution



VEICHI

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About us



VEICHI Electric (stock code: 688698) specializes in electric drive and industry control, establishing itself as a leading high-tech enterprise in the R&D, production, and sales of industrial automation products. With R&D and manufacturing facilities in Suzhou, Shenzhen, and Xi'an, along with a fully-owned subsidiary in India, VEICHI serves the global market by offering competitive, safe, and reliable products and services.

A wide range of VEICHI products and solutions tailored to various scenarios, including AC drives, servo systems, and control systems, have been acclaimed with plentiful proven applications across sectors from light to heavy industries, propelling intellectualization transformation in manufacturing. Keeping pace with development trends, VEICHI is branching into burgeoning sectors like robotics, new energy, and healthcare, introducing innovative products such as coreless motors, frameless motors, photovoltaic drives, and surgical power systems for further industrial advancement.

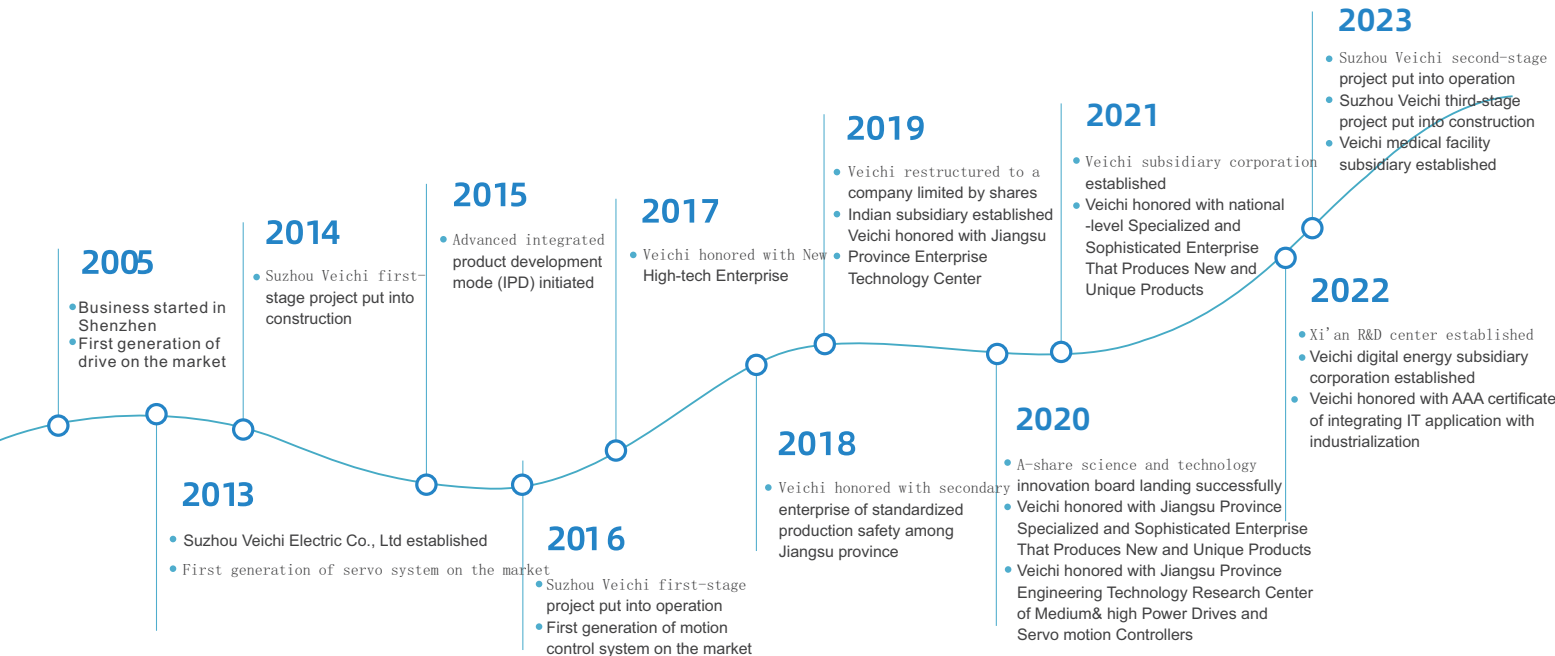
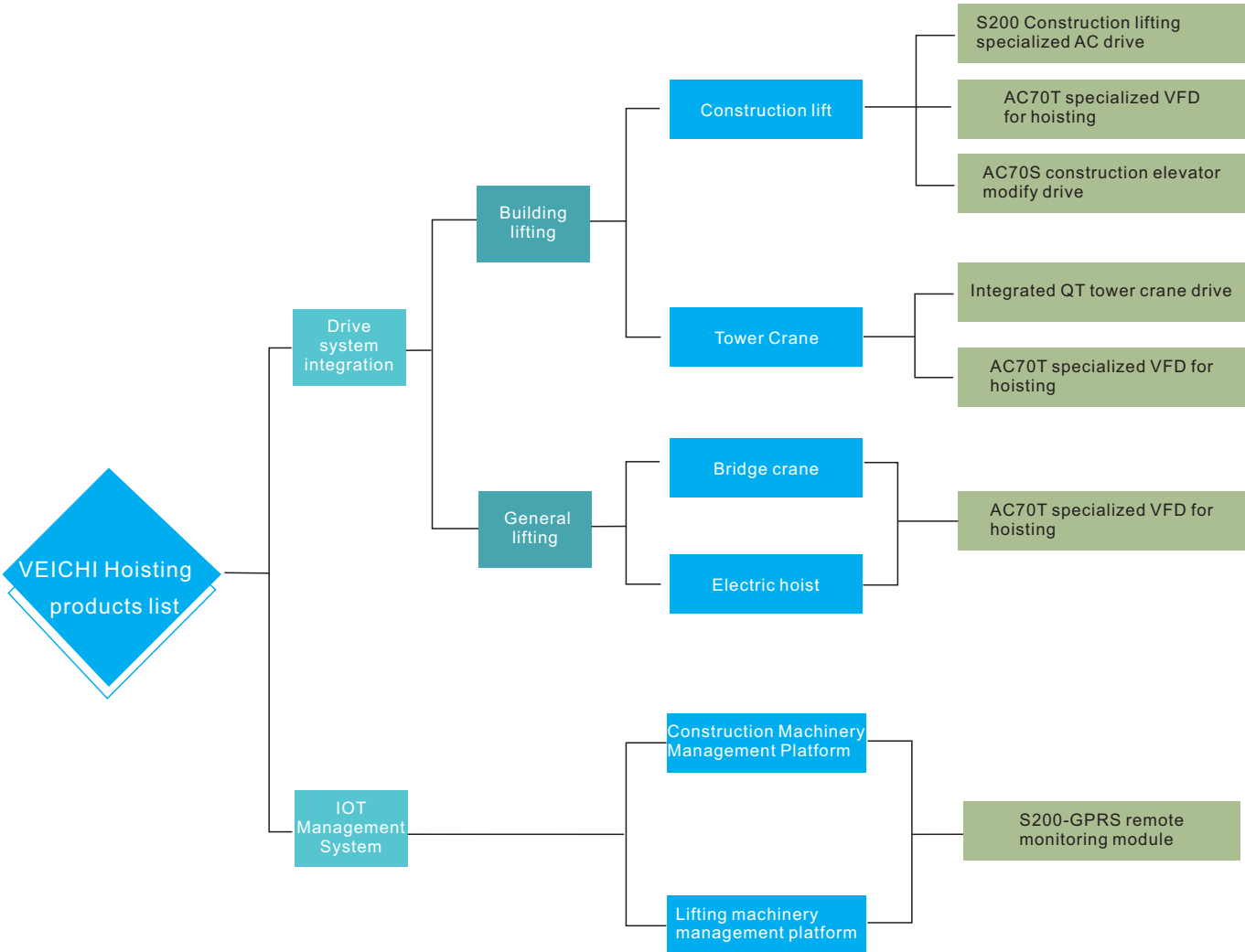
Abundant patented technologies with independent intellectual properties have testified VEICHI's years of dedication to independent R&D and innovation in core motor control technologies including vector control for PMSM, high-frequency pulse injection, speed tracking for start-up, high-speed field-weakening, scalar V/F and vector control, as well as silicon carbide

applications, auto tuning of motor parameters, and protection functions. As of September 30, 2023, VEICHI holds 165 patents, including 44 inventions.

Throughout its history, VEICHI has made significant progress patiently but surely, earning numerous prestigious awards and certifications from national and provincial authoritative entities and organizations. These accolades include titles such as "The Third Batch of Specialized and Sophisticated 'Small Giant' Enterprises with Distinctive New Products," "High-tech Enterprises," "Jiangsu Provincial Engineering Technology Research Center," "Jiangsu Provincial Enterprise Technology Center," and "Jiangsu Provincial Industrial Internet Development Demonstration Enterprise (Benchmarking Factory Category)."

Looking forward, VEICHI will, by the business philosophy of "guided by market demand and driven by technological innovation", make breakthroughs in key core technologies for more refreshing products and explore more reassuring applications based on their competitive performance and quality, energizing the electrical drive and industrial control sector one more step further.

VEICHI Hoisting products list



Construction lifting specialized AC drive

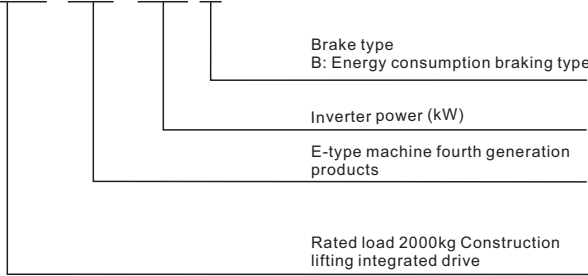
Product overview

Construction lifting integrated drive, it is an integrated system specially developed for the principle of electrical control of construction lifts. It integrates frequency conversion control units, logic control units, lifting weight limiters, brake units, etc. it has the advantages of perfect functions, stable performance, easy installation, and elegant appearance. Providing customers with comprehensive high-performance, safe and reliable solutions.



Naming rules

S200-E4-037B

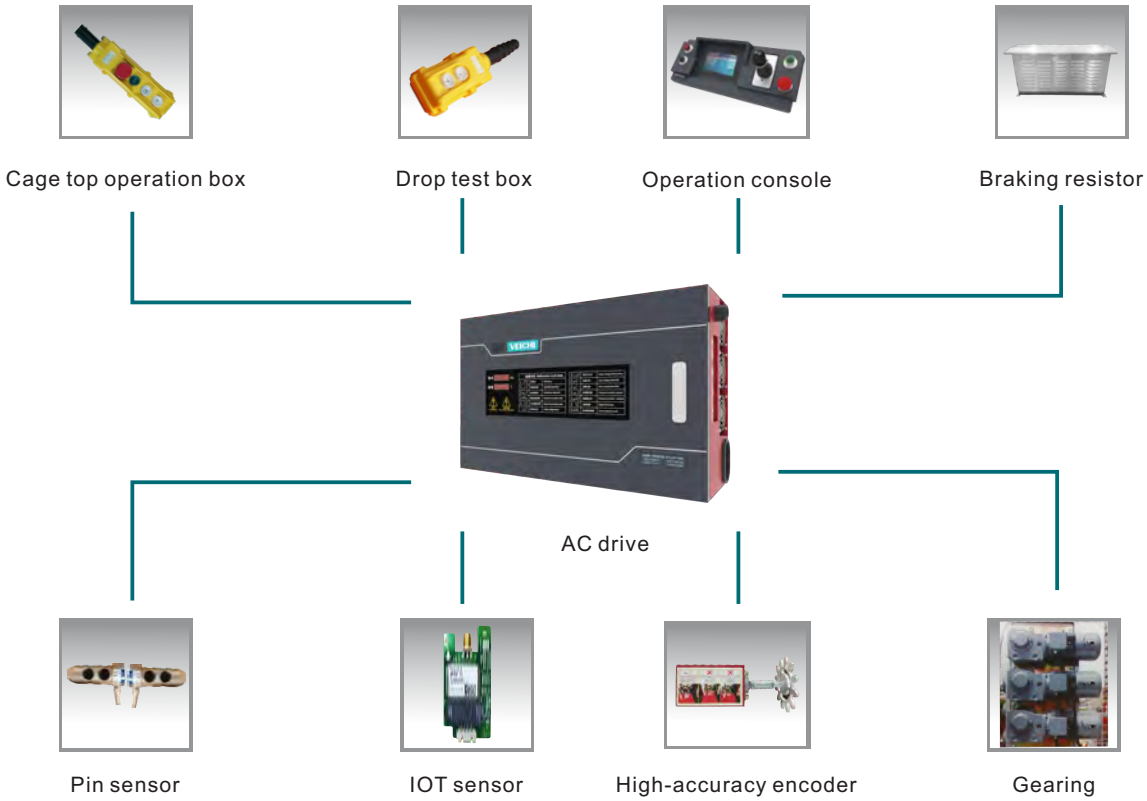


C4/E4 Series specification model

Model	Power	Rated current(A)	Suitable motor power
S200-E4-037B	37KW	75	11KW*3/15KW*2
S200-E4-045B	45KW	90	13KW*3/22KW*2
S200-C4-037B	37KW	75	11KW*3/15KW*2
S200-C4-045B	45KW	90	13KW*3/22KW*2



System components



Product features

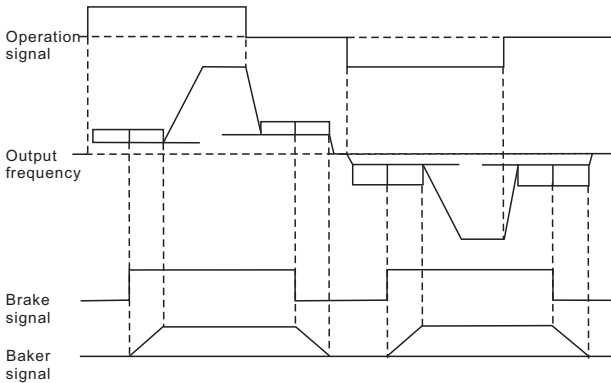
Intelligent voice broadcast prompt function

- Real-time voice broadcast of various fault information and main command, limit, emergency stop status; can accurately and quickly recognize the fault
- With Chinese and English broadcast mode for customers to choose.



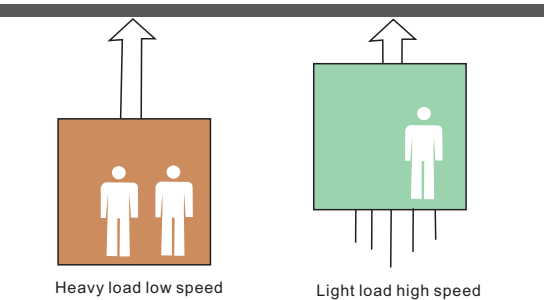
High safety, redundant brake circuit software and hardware design

- Adopt dual signal, dual brake, high safety redundant control design.
- Before opening the brake, the running system detects the motor torque in real time to provide maximum auxiliary protection against sliding.
- Professional sequential logic brake function to ensure high reliable opening/closing of the brake.



Light load high speed function

When this function is valid, it is calculated by the built-in load detection module. When the elevator is in a light load or empty cage state, the drive will speed up and enter the Weak magnetic region (constant power). Effectively improve the carrying capacity of construction elevators.



Intelligent state selection

Various limit positions can be displayed, the running status of the main command is clear at a glance, and maintenance is more convenient.

Limit Protection Signal																			
Feedback	制动反馈	停止	检修急停	屋顶	限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位	检修限位
X11 COM	X12 COM	X13 COM	X14 COM	X15 COM	X16 COM	X17 COM	X18 COM	X19 COM	X20 COM										

Human-machine interface information interaction system

- The friendly man-machine interface can display the current floor, current height, current load, running direction, running speed and other information.
- Automatic leveling operation interface: leveling accuracy $\leq 2\text{mm}$; convenient storage of floor position.



Keyboard storage and parameter copy function

The keyboard operator can store the entire set of parameters of the elevator, and realize batch download and copy of the parameters.

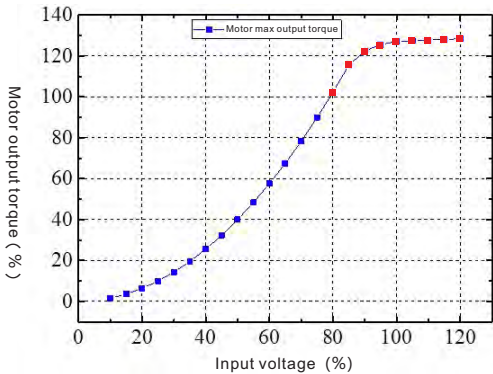


Automatic test function

When this function is valid, the system can enter the automatic cycle test mode, which greatly saves the debugging time before leaving factory and improves the delivery efficiency.

Variable speed function with voltage function

- When this function is valid, when the elevator is running, the external voltage is reduced, resulting in insufficient output torque of the motor. At this time, the system automatically reduces the output frequency to meet the output torque requirements of the motor, to avoid sliding caused by insufficient torque.
- Wide voltage range: Ensure normal operation of input voltage within $\pm 20\%$.



Relationship between input voltage and output torque

Soft limit protection function

- Soft limit protection function
- Accurate feedback of the real-time position of the cage through a high-precision encoder; even when the upper and lower limit positions and the deceleration limit are abnormal (the adhesion cannot be disconnected normally), it can ensure that the lift does not appear to top punch and squat bottom.



- Deceleration optimization function
- (Applicable to construction elevators without conditional installation of deceleration limit switches) When this function is enabled, the built-in stop algorithm is effective; to ensure that the equipment can also stop accurately during normal operation.

Brake braking torque detection function

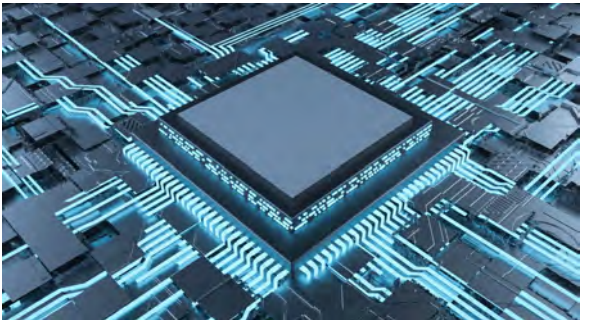
Maintenance personnel can be reminded to regularly check the equipment brake assembly to ensure the safe operation of the equipment. Working principle: The motor is in the brake locked state, at this time, 120% of the rated torque is output to the motor. If the shaft end of the motor generates displacement, it means that the brake torque is insufficient, and the system will emit an audible and visual alarm signal; otherwise normal.

Motor real-time self-learning function

Automatically obtain the dynamic parameters of the motor during operation (the stator resistance value becomes larger and the output torque decreases after the motor is heated) to ensure that the motor can output the maximum torque under any working conditions.

Pre-authorization settings

Built-in clock perpetual calendar chip, can accurately set the device pre-authorization time; convenient for users to remotely manage the device.



Easy maintenance

The C4 machine design focuses on the convenience of on-site maintenance of the machine. The middle board adopts the right-opening door type; the device is modular; there is no complicated peripheral circuit, ensuring that non-professional maintenance personnel can easily replace accessories.

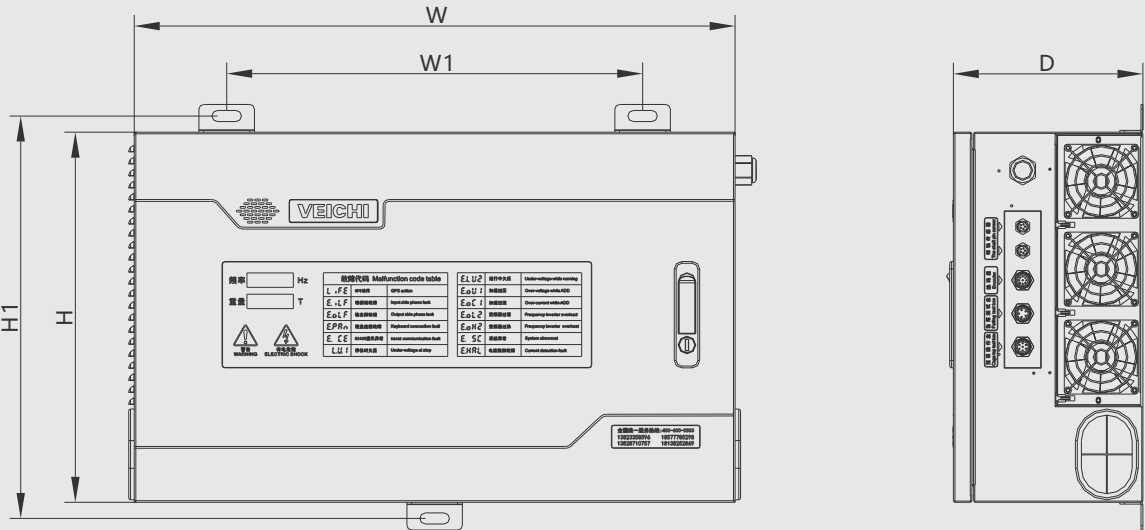


Lightning protection function

The system has a built-in lightning absorption module. Using the industry's advanced gas discharge device to the ground discharge technology, can effectively prevent induction lightning, direct lightning.

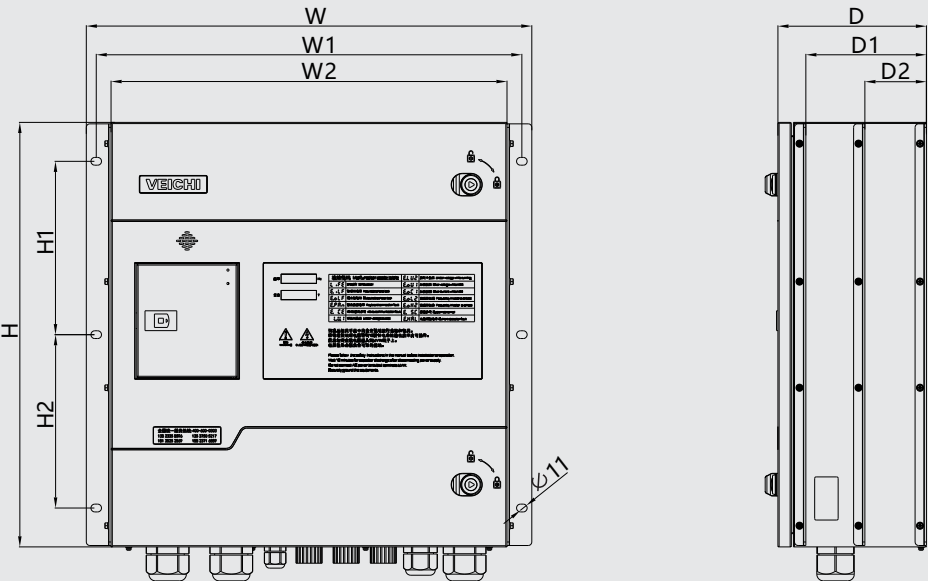


Product dimensions



S200-C4 Installation dimensions

Product model	Outlook Dimensions			Installation dimensions		Installation aperture
	W	H	D	W1	H1	
S200-C4-037B	650	400	205	400	435	Ø12
S200-C4-045B						



S200-E4 Installation dimensions

Product model	Outlook Dimensions			Installation dimensions					Installation aperture
	W	H	D	W1	W2	H1	D1	D2	
S200-E4-037B	630	600	210	602	560	245	170	87	Ø11
S200-E4-045B									

Accessories

S200-PA200-D Smart console

- Support ID card authority management
The shell is injection molded with high-strength engineering plastics (PC + ABS).
- Friendly human-computer interface-Chinese display fault information and countermeasures
Friendly human-machine interaction interface-Chinese display fault information and countermeasures, as well as elevator operating position, speed, weight, each main command, limit status
- Automatic leveling interface.



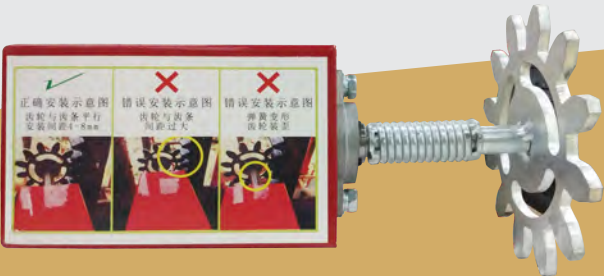
S200-PA200-C Embedded console (overseas)

- Suitable for lifts without cab.
- HMI man-machine interface; the operation interface is the same as the intelligent operation console.
- The machine case is made of 304 stainless steel, which is beautiful and durable.



S200-EN-200(HC) High-precision encoder kit

- Using differential long-line driving incremental encoder with strong anti-interference performance.
- The transmission wheel adopts 8 modes and 15 teeth 1: 1 matching.



AC70S construction elevator retrofit drive



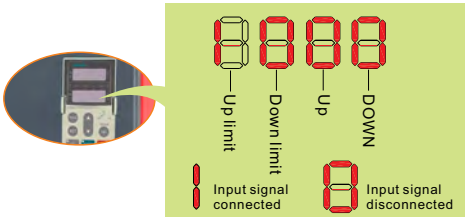
Product overview

A drive with position parking function specially designed for the renovation of old elevators; it integrates frequency converter, brake module and status indicator, which is convenient for on-site maintenance of equipment and minimizes the cost of frequency conversion of construction elevators.

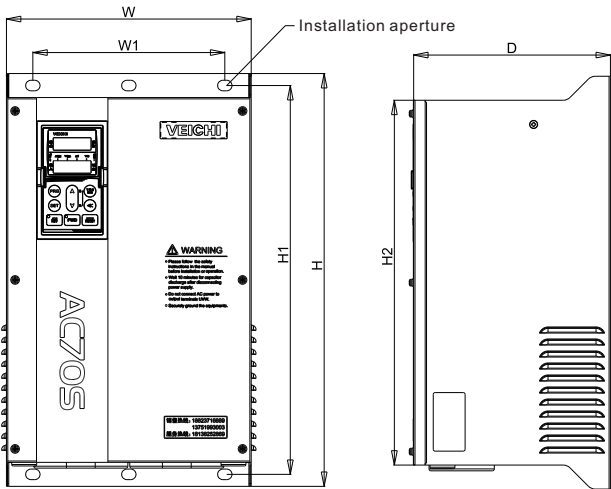


Product Features

1. Safe and reliable-Dedicated brake logic control function, Through the release frequency and release current to reach the release at the same time, to ensure its safety and reliability.
2. High performance-Compared with complete sets of drives, the price is cheap and the performance is equivalent.
3. Humanized design-no need to change the drive parameters, As long as the wire is connected correctly, it will run normally after power on.
4. Simple transformation-Simple retrofit-no need to add deceleration limit device, no replacement of operation table; accurate stop at any speed. (Deceleration optimization function).
5. Convenient maintenance-the keyboard operator can display upper and lower limit positions, ascending and descending signals to make it convenient for system maintenance.
6. Extend mechanical life- Stable operation, no impact, reduce the wear of mechanical structure and wearing parts, extend the use time of motor and disc brake; effectively increase the service life of construction elevator.



Product Installation dimension



Drive model	W	W1	H	H1	H2	D	Installation aperture
AC70S-037-B(G1)	255	200	430	405	380	205	Ø11

Integrated tower crane drive

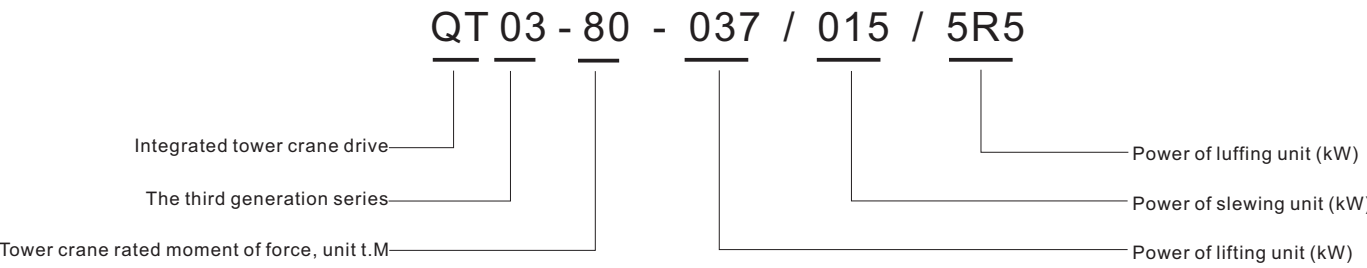
- SMC glass fiber reinforced plastics cabinet (mold stamping)
- ◆ Corrosion resistance, Strong aging resistance
 - ◆ Impact resistance high strength
 - ◆ Fully insulated, Flame retardant and environmental protection
 - ◆ Same life as the host machine



Product overview

Industry first- Integrated tower crane drive, a mid-to-high-level model that is specifically designed for the modular control of tower cranes' electrical control needs. It integrates three major mechanisms: frequency conversion control unit, PLC logic control unit, black box monitoring unit (expansion). Tower crane solution. With the characteristics of intelligent, lightweight, high efficiency and energy saving, safety and reliability, the integration of tower crane frequency conversion is bound to be the new trend of the industry's future development.

Naming rules



Specifications

Specifications		Adaptive motor power	Rated power	Rated current		Specifications		Adaptive motor power	Rated power	Rated current
QT03-80-037/015/5R5-S	Lifting	30KW	Three phase 380V	75A	QT03-250-075/022/011-S	Lifting	55KW/63KW	Three phase 380V	150A	
	Slewing	5.5KW*2		32A		Slewing	7.5KW*2		45A	
	Luffing	4KW		10A		Luffing	7.5KW		25A	
QT03-100-045/015/5R5-S	Lifting	37KW	Three phase 380V	90A	QT03-315-090/022/011-S	Lifting	75KW	Three phase 380V	180A	
	Slewing	5.5KW*2		32A		Slewing	7.5KW*2		45A	
	Luffing	5.5KW		13A		Luffing	5.5KW/7.5KW		25A	
QT03-160-055/018/7R5-S	Lifting	45KW	Three phase 380V	110A						
	Slewing	11KW		38A						
	Luffing	5.5KW		17A						

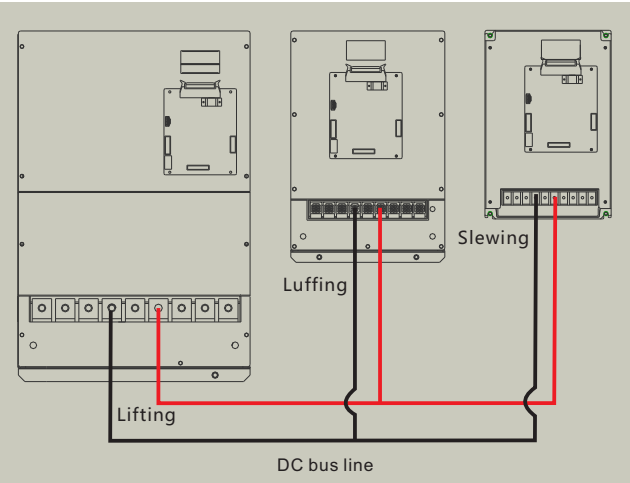
Structure Components



System Features

Built-in common DC bus technology (multi-machine transmission)

When the lifting mechanism is dropping the heavy object, the energy returned from the motor can be used for slewing and the luffing mechanism, thereby achieving the purpose of energy saving.



Intelligent man-machine interface and voice prompt function

- Equipped with 10 " touch screen (HMI), it can display various master commands, limit status, drive monitoring data and related function buttons; friendly man-machine interface, simple and easy to operate.
- The intelligent voice prompt system can cyclically broadcast various fault states and processing countermeasures, operation prompts and warnings through live pronunciation.

Tower crane black box function (expandable)

Compatible with GPS and Beidou satellite precise positioning, real-time recording of tower crane operation status, overload times and real-time data, local storage, and upload to Internet of Things platform at the same time.



Ground remote control operation (optional)

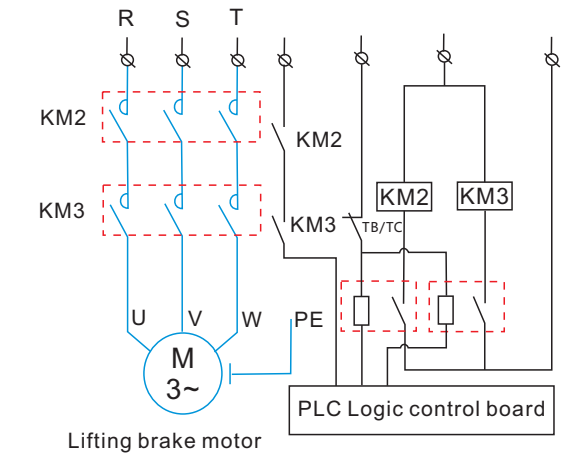
- The driver can use the "local / remote control" selection switch on the linkage platform to give control power to the ground operator for remote control operation, so as to realize the ground wireless control tower crane.
- The system needs to add a set of wireless remote control operator.



Lifting mechanism

Double signal, double holding brake High safety redundant brake control circuit

- The secondary control loop of the hoisting brake is a dual-signal, dual-brake redundancy circuit. That is, the frequency converter sends 2 way brake signals to control two brake contactors respectively.
- Release conditions: Only two brake contactors can be closed at the same time to release the brake.
Closing conditions: Any one of holding brake contactor disconnected can the brake be closed safely.
Prevent any one of the brake contactors from sticking, stuck or the residual charge of the coil, which can't be disconnected and cause a slide accident.
- Dedicated brake sequential logic control function to ensure safe and reliable system.



Anti-sliding hovering function

- Working principle: When the mechanical brake system fails, once the motor shows signs of slipping (slight creeping visible on the output shaft of the reducer), this function is activated, instantaneous output of 180% rated zero-speed torque, the motor enters a stable hovering state, and sound and light are detected The alarm signal also guides the driver to operate the master switch to safely drop the heavy objects to the ground and ascend statically.
- This function has high requirements on the dynamic output response of the drive, and needs to be implemented in a closed-loop vector control mode with excellent high performance.

Slow motion function (closed loop mode)

- When the linkage switch is set to the "slow motion" gear, the lifting mechanism is limited to a speed range of 0.1-0.5m/min at this time.
- The drive is required to continuously output a constant torque at ultra-low frequency.
- Suitable for slow motion of PC assembled building template, butt joint, Structural docking.

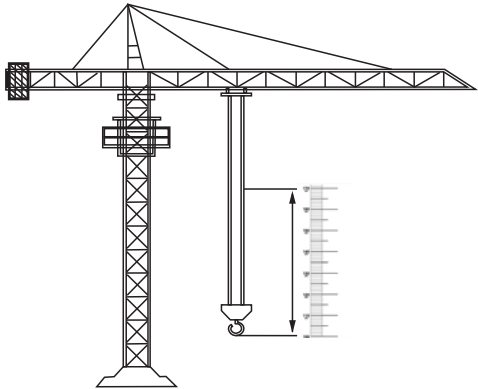
Brake braking torque detection function

Working principle: The brake is in a locked state, and the drive outputs 180% torque on the motor. At this time, the encoder feedback pulse signal is used to determine whether the motor shaft is displaced. If the displacement exceeds a certain threshold, it means that the brake torque is insufficient and issues audible and visual warning, indicating that the brake needs to be adjusted and replaced.



Lifting at a fixed distance

Tower crane lifting fixed distance function, The driver only needs to set the distance values of lifting, ascending and descending on the touch screen. At this time, the driver operates the master handle and the hoisting only runs within the set range. When the set range value is reached, the hoisting mechanism automatically stops.



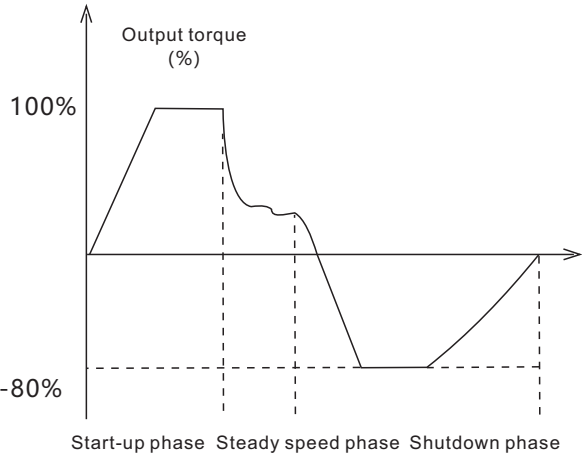
Light load speed-up function

- When the empty hook or light load, the lifting mechanism will run at a higher speed (1.5-2 times the rated speed), also known as "weak magnetic speed-up".
- Greatly improve work efficiency; especially suitable for working conditions of tower cranes

Slewing mechanism

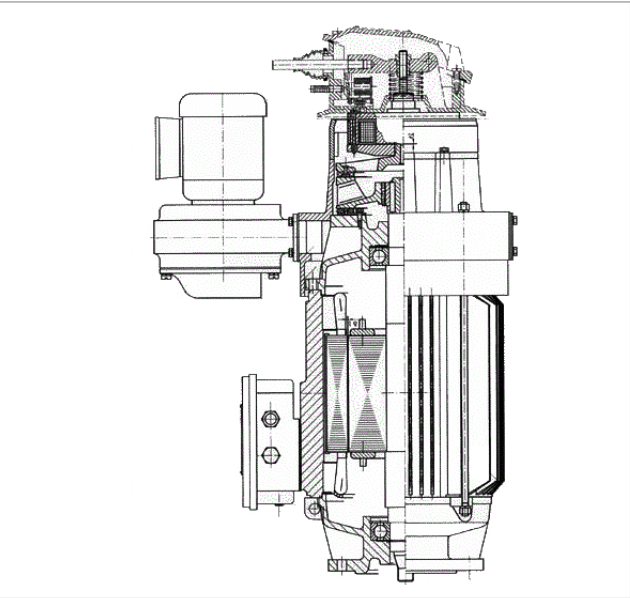
Slewing DTC torque control function

- Adopting advanced DTC torque control method, no eddy current system is needed. Combining the advantages of speed control and torque control, it perfectly solves the typical problems such as uneven speed of the low-speed gear of the tower crane's slewing; rebound during shutdown, and difficult to run against the wind.
- It is recommended that the slewing motor install the encoder with the best effect (the double slewing mechanism should ensure that one of the motors has an encoder installed).

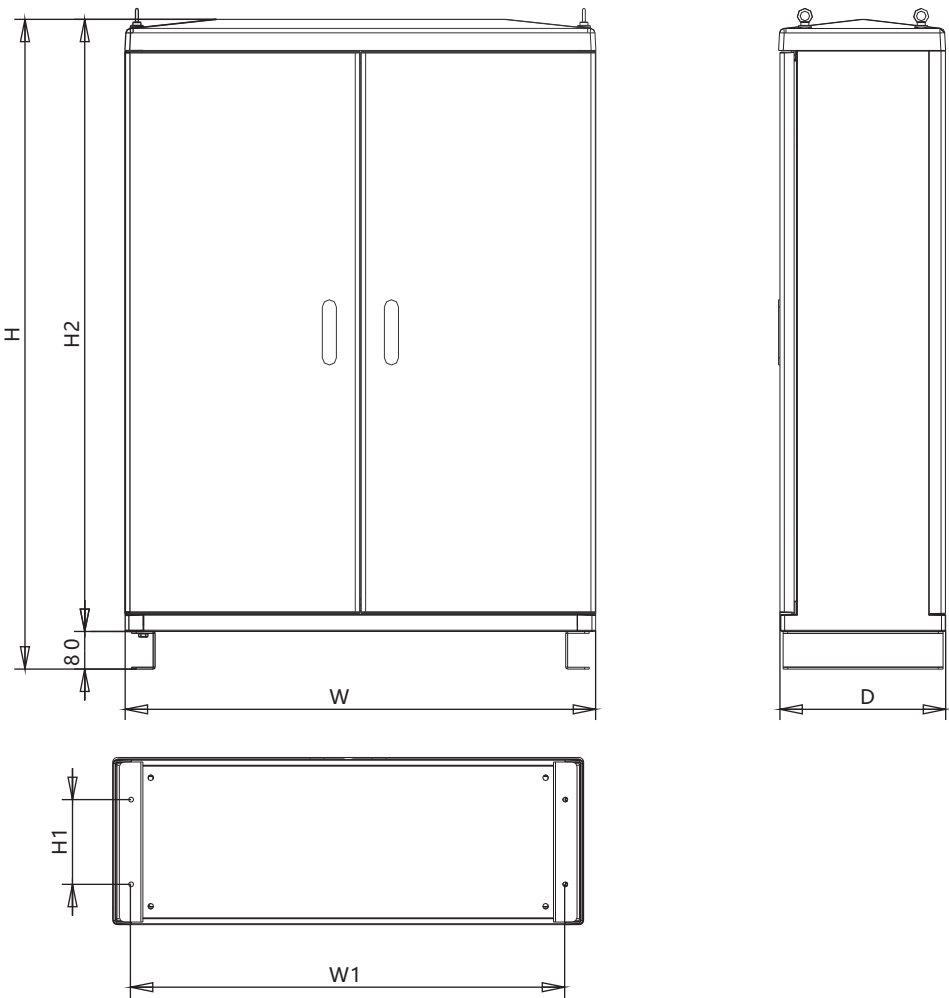


Wind indicator control system

The system is equipped with a set of perfect control system of wind indicator. Users only need to connect the wind indicator coil and action limit signal to use it, which is simple and convenient.



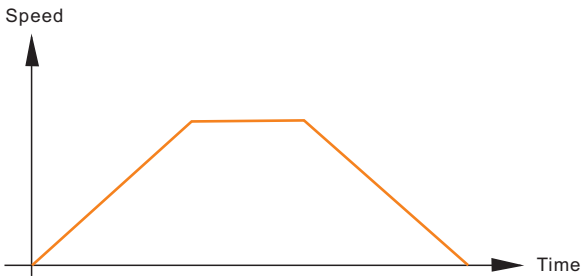
Product dimensions



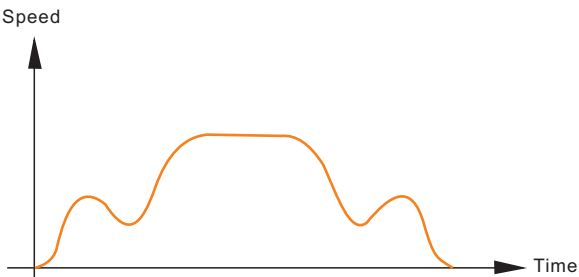
Luffing mechanism

Luffing anti-shake function (Sensorless open-loop anti-shake)

- Modeling based on the pendulum principle; introducing parameters such as sling length and swing angle to form a set of automatic anti-sway core algorithms.
- The frequency and acceleration/deceleration time of the drive can be adjusted dynamically to suppress the swing. When the object reaches the set position, the swing is greatly reduced or stopped automatically.



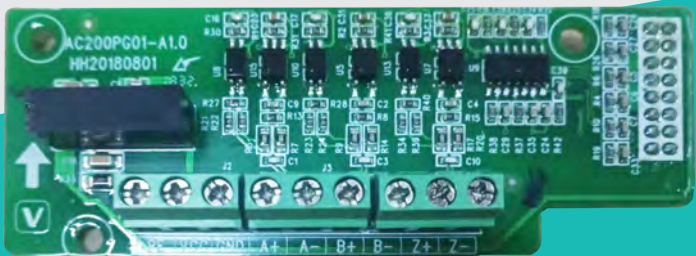
Schematic diagram when the anti-shake function is not activated



Schematic diagram when anti-shake function is activated

Product number	Dimensions				Installation dimensions		Installation aperture
	W	H	H2	D	W1	H1	
QT03 all series	1000	1390	1300	351.6	923	180	∅10

Lifting closed loop control cardAC200PG series



Product model	Power supply	Function	Input signal characteristics		Output signal characteristics	
			Response frequency range	Input impedance	Output frequency range	Output current
AC200PG01	5V±5% 200mA	Disconnection detection	Differential 0~8KHz	about 1 kΩ	0~80KHz	≤100mA
AC200PG02		Disconnection detection frequency division output			0~80KHz divisible	

Lifting resistance box

- Stainless steel shape, simple, good-looking, solid and durable.
- The resistance is stable, and there will be no "resistance drifting" phenomenon due to temperature changes.



Selection of lifting resistance box

Tower crane integrated drive product model	Lifting resistance box model
QT03-80-037/015/5R5	BZR-15/24KW-S1
QT03-100-045/015/5R5	BZR-10/30KW-S1
QT03-160-055/018/7R5	BZR-8/48KW-S1
QT03-250-075/022/011	BZR-8/48KW-S1
QT03-315-090/022/011	BZR-5/60KW-S1

QT03 Linkage station

Simple operation, convenient, beautiful appearance and strong adaptability



AC70T hoist special AC drive

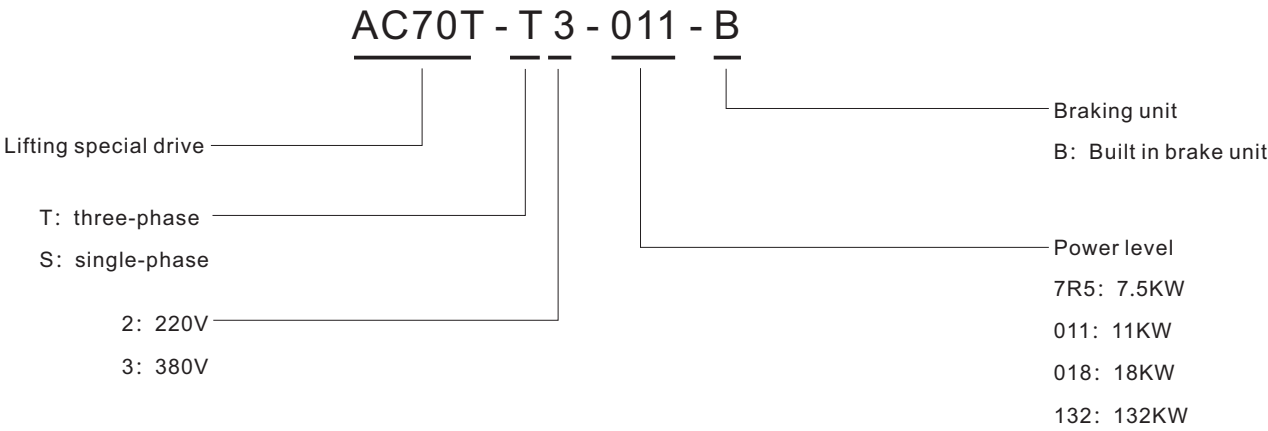


Product overview

AC70T hoist special drive: Specially designed for the application of lifting industry, with perfect functions, good protection effect (smoke corrosion resistance), excellent performance, ensuring the safety, reliability and efficiency of lifting machinery, suitable for port machinery, ship machinery, construction machinery, mining machinery, Crane, gantry crane, electric hoist, driving and hoisting industries such as hoist, pitch, cart, trolley, slewing, luffing and other mechanisms.



Naming rules



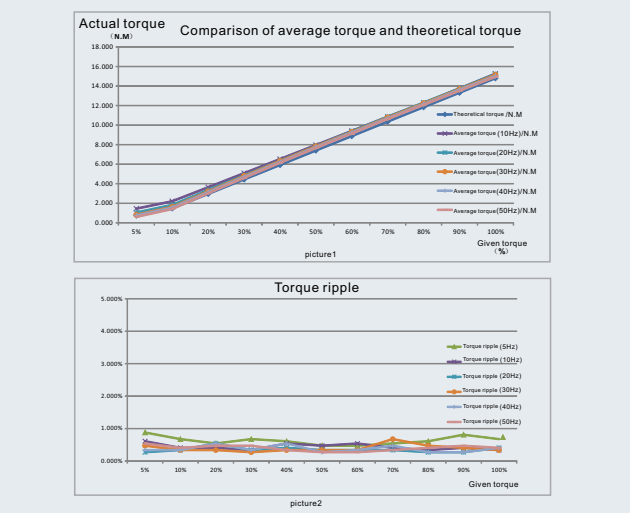
Specifications

Specifications	Adaptive motor power	Rated input voltage	Rated current	Specifications	Adaptive motor power	Rated input voltage	Rated current
AC70T-T3-R75-B	0.75KW	three-phase 380V	2.3A	AC70T-T3-037-B	37KW	three-phase 380V	75A
AC70T-T3-1R5-B	1.5KW		3.7A	AC70T-T3-045-B	45KW		90A
AC70T-T3-2R2-B	2.2KW		5A	AC70T-T3-055-B	55KW		120A
AC70T-T3-004-B	4KW		10A	AC70T-T3-075-B	75KW		150A
AC70T-T3-5R5-B	5.5KW		13A	AC70T-T3-090-B	90KW		180A
AC70T-T3-7R5-B	7.5KW		17A	AC70T-T3-110	110KW		210A
AC70T-T3-011-B	11KW		25A	AC70T-T3-132	132KW		250A
AC70T-T3-015-B	15KW		32A	AC70T-T3-160	160KW		310A
AC70T-T3-018-B	18KW		38A	AC70T-T3-185	185KW		340A
AC70T-T3-022-B	22KW		45A	AC70T-T3-200	200KW		380A
AC70T-T3-030-B	30KW		60A				

Product features

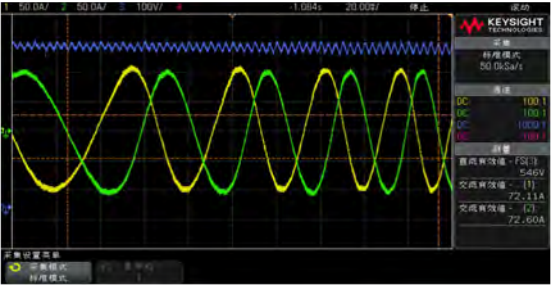
Low frequency and high torque stable output

0.5Hz/150% Stable output of rated torque to ensure that the lifting equipment runs smoothly during startup, ascent, and descent;

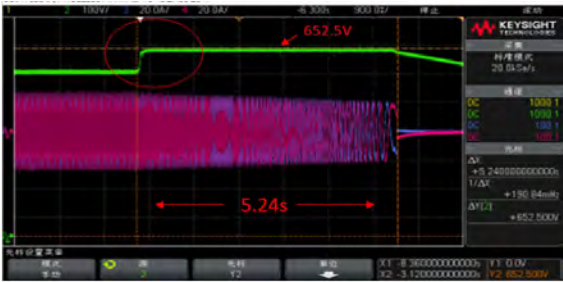


Excellent current suppression and bus voltage suppression

The current suppression function can avoid frequent overcurrent alarms . When the current exceeds the current protection point, the overcurrent suppression function can continuously limit the current within the current protection point, thereby protecting the safety of the device and avoiding overcurrent alarm caused by sudden load or interference.

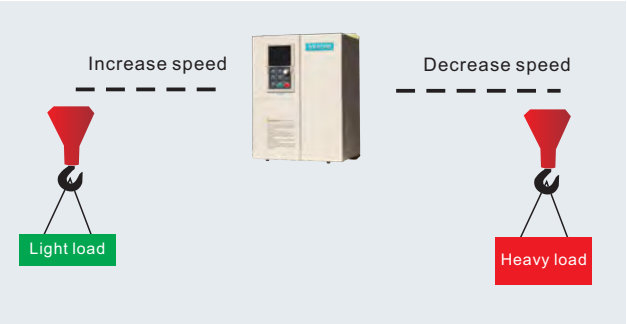


The overvoltage suppression function can avoid the overvoltage alarm during acceleration and deceleration. When the bus voltage of it reaches or exceeds the overvoltage protection point during acceleration and deceleration, the overvoltage suppression function can suppress the rise of the bus voltage by automatically adjusting the operating frequency, thereby protecting the safety of the device and avoiding the bus voltage overpressure alarm.



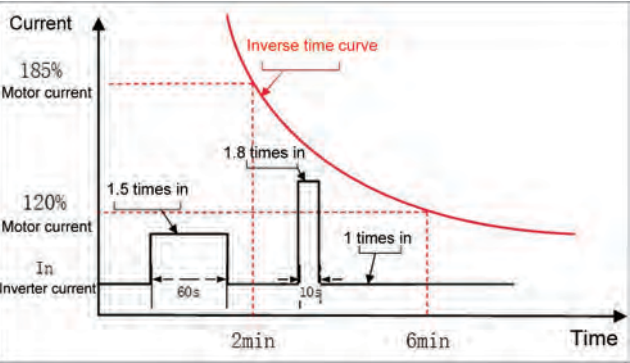
Wide speed range

The output frequency range is 0-320Hz, which meets the requirements of lifting equipment at light load and high speed, and heavy load at low speed, which improves the work efficiency of the equipment.



Strong overload capacity

150% rated current for 1 minute, 180% rated current for 10 seconds, 200% rated current for 0.5 seconds.



Stall protection mode (closed-loop mode)

When it is detected that the actual speed exceeds 115% of the rated speed during operation, the drive quickly issues a brake signal to achieve emergency braking.

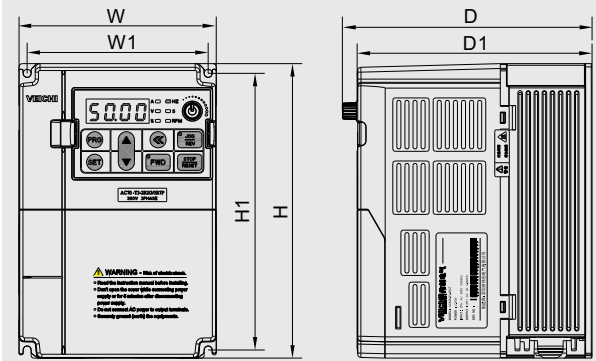
Brake dedicated control logic

Control the brake of the lifting equipment to open and close in a reasonable sequence to ensure the safety and reliability of the system.

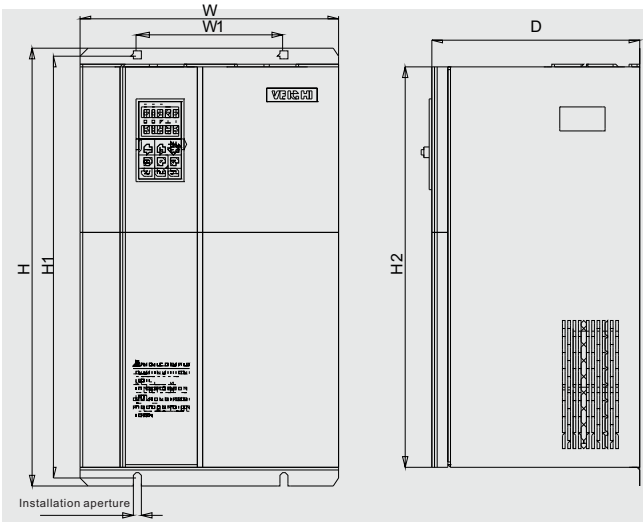
Wide voltage input range

Automatic voltage stabilization: to ensure that when the grid voltage drops, the output can still meet the torque output requirements of the lifting equipment, and the allowable input voltage fluctuation range is $\pm 20\%$.

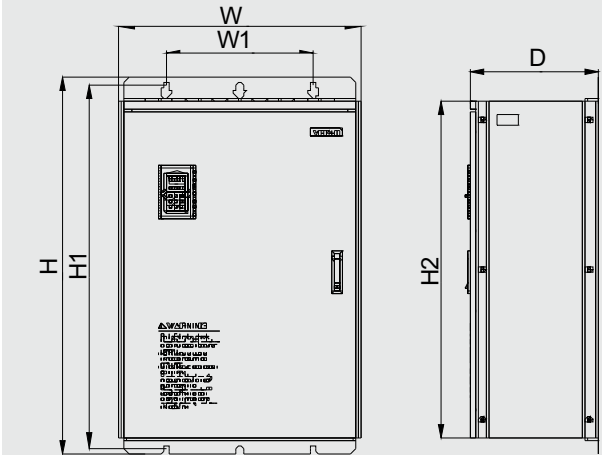
Dimensions



Model	Dimensions				Mounting holes		Installation aperture
	W	H	D	D1	W1	H1	
AC70T-T3-R75-B	122	182	154.5	145	112	171	$\phi 5$
AC70T-T3-1R5-B							
AC70T-T3-2R2-B							
AC70T-T3-004-B	159	246	157.5	148	147.2	236	$\phi 5.5$
AC70T-T3-5R5-B							
AC70T-T3-7R5-B							
AC70T-T3-011-B	195	291	167.5	158	179	275	$\phi 7$
AC70T-T3-015-B							
AC70T-T3-018-B							
AC70T-T3-022-B	230	330	200	190	208	315	$\phi 7$



Model	Dimensions				Mounting holes		Installation aperture
	W	H	D	D1	W1	H1	
AC70T-T3-030-B	255	410	225	370	180	395	$\phi 7$
AC70T-T3-037-B							
AC70T-T3-045-B							
AC70T-T3-055-B	305	570	260	522	180	550	$\phi 9$
AC70T-T3-075-B							
AC70T-T3-090-B							
AC70T-T3-110	380	620	290	564	240	595	$\phi 11$



Model	Dimensions				Mounting holes		Installation aperture
	W	H	D	D1	W1	H1	
AC70T-T3-132	500	780	340	708	350	755	$\phi 11$
AC70T-T3-160							
AC70T-T3-185							
AC70T-T3-200							

Construction Machinery Remote Management System

Adopt centralized remote monitoring and management: Solve the difficulty of mechanical equipment maintenance, realize remote maintenance management across regions, keep abreast of the mechanical equipment operation status, and reduce equipment maintenance costs

Remote monitoring module

Product description

The remote monitoring module is based on mobile cellular technology, connects the field RS485 bus data to the remote server, and accepts the remote server instructions and it is the bridge which transmits the signal to the field RS485 bus. It is an important element of large-scale remote industrial intelligent management system of components. Aiming at the remote positioning of machinery and equipment, a dedicated monitor developed for monitoring and management, and building an intelligent monitoring and management system for machinery.



Technical features



Use Quectel industrial-grade GPRS module, Use reliable TCP/IP communication protocol; it has functions such as error correction and encryption mechanism of communication protocol.



Using dual positioning mode of GPS and base station, the positioning accuracy is high; even in the case of obstructions, to ensure that the positioning is not disturbed; it can still be accurately positioned.



Remote fault diagnosis: It can remotely monitor various limit positions, main commands, emergency stop status, set drive parameters, and upload data to the service platform. Provide equipment value-added services to facilitate after-sales maintenance and reduce operating costs.



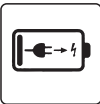
Prevent man-made malicious disassembly and destruction, protect the interests of customers; support machine lock, unlock, real-time SMS reminder of equipment failure.



Support mobile phone remote management, fault reminder, expiration reminder service, when the device fails or the lease period is approaching, the server will actively send a warm reminder to the user.



Using GPRS real-time data communication, real-time data exchange between the logic controller and the device, the relevant information of the device can be obtained through the PC terminal and the mobile phone APP; it is convenient to grasp the operation status of the device at the very beginning.

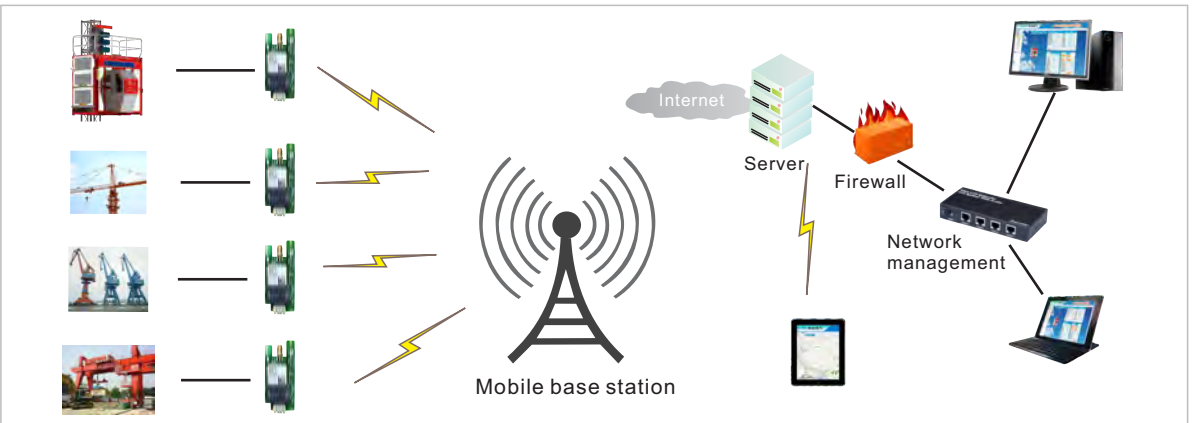


Built-in 1000mAh lithium battery, device can still ensure accurate positioning.



The powerful management platform and superior management interface allow you to easily realize the remote control, remote signaling and telemetry of the equipment.

Data transmission scheme



Construction Machinery Remote Management System

Adopt centralized remote monitoring and management: Solve the difficulty of mechanical equipment maintenance, realize remote maintenance management across regions, keep abreast of the mechanical equipment operation status, and reduce equipment maintenance costs.

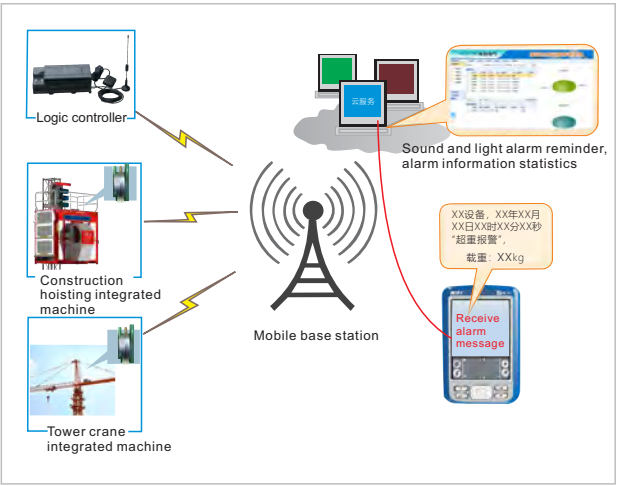
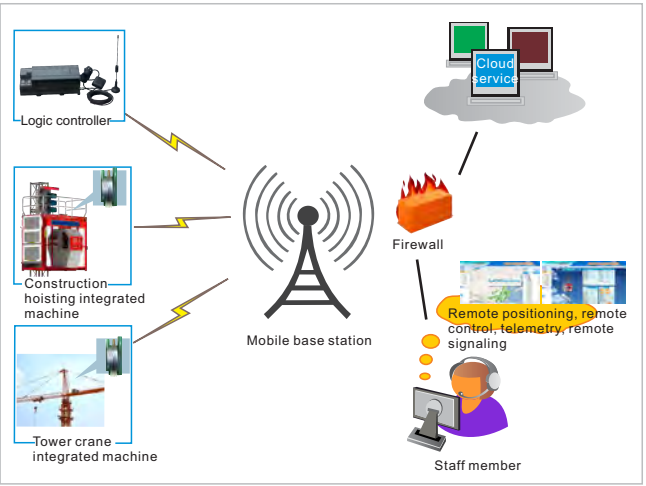


real time monitoring——Online monitoring of equipment operation, get related fault information.



Accurate locating——GPS satellite and base station dual positioning

Equipment Information Management-Accurately enter equipment information and establish perfect equipment files.



Manufacturing & Quality control



Intelligent manufacturing with application of automation equipment for the whole process

- > A smart factory established based on intelligent manufacturing with an annual capacity of 600,000 sets.
- > Automatic SMT automatic production line including automatic spraying, assembly, testing, packaging, high temperature aging and other advanced production equipment.
- > Production target management in strict accordance with the production process and management methods to greatly improve efficiency.
- > Complete supply chain system to deliver one-off orders with large volumes.

Spirit of craftsman abided by with focus on products details and higher delicacy

- > Adherence to the policy and philosophy of quality first.
- > Execution to the letter of ISO9001 quality management system in procurement, design and manufacturing.
- > High employee competency with graduates of college and above lead to high product quality.
- > Unique codes on each product for controlling and tracing quality information in the product traceability system.

Service and Support

Technology innovation, service first

Practicing the service concept of "customercentered" and create service system in five aspects.

Dual platform service of network and telephone, you can keep up with the service in real time. With the service of "Focused, patience and concentration". Really let our customers can buy products with confidence and use them comfortably".

Five major storage centers, national logistics and distribution, fast and worry-free

24-hour technical and after-sales service support

