



3S INDUSTRY  
SAFE | SIMPLE | SPECIALIZED

# CONSTRUCTION HOIST



# Company Profile

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3S Industry Group INC. is a China-based leading provider of equipment and services for people working at height. Our products have been applied in 17 different industries and exported to more than 70 countries. Our core business is the wind industry. With our strong focus on R&D, we have been granted for more than 600 patents and obtained over 100 global safety qualification certificates. We strive to support our customers and makes a better future in the field of working at height.

Headquartered in Beijing, 3S Industry has Manufacturing Centers in Beijing and Tianjin. With wholly-owned subsidiaries in Dallas (USA), Hamburg (Germany), Chennai (India), Tokyo (Japan), Jaraguá do Sul City (Brazil), and Dubai (UAE). Our global after-sales service teams provide on-site installation and maintenance services for our customers around the world. This way, 3S Industry ensures quick and reliable technical support, offering one-stop-shop service for our customers.

With our 3S brand creed Safe, Simple, Specialized, we are dedicated to our mission of providing products and services that exceed customer expectations. We strive to make our products the best in their field. We use scientific and technological innovation to drive the development of integrative solutions that serve people working at height.

**2005**

Year  
Established

**1st**

Market Share in Our  
Specialized Segment Within  
the Wind Power Industry

**600+**

Global Patents

**11**

Global  
Subsidiaries

**180,000+**

Units of 3S Work-at-Height  
Products in Service

**100+**

Global  
Qualifications

**900+**

Employees

**5,000+**

Wind Farms Utilizing  
3S Products

**20+**

Global Standards



- Headquarters
- Subsidiary
- Countries and regions where 3S LIFT products are used



R&D Center in  
Beijing(YiZhuang)



Factory in Tianjin



North America Branch  
in Dallas



Europe Branch in  
Hamburg



India Branch in  
Chennai



Japan Branch in  
Tokyo



Brazil Branch in  
Jaraguá do Sul

# CONSTRUCTION HOIST

Construction Hoist has single/twin cages, variable frequency control (smooth ride), and multiple door configurations. With rack & pinion tech, it's reliable, high-quality, and handles harsh environments. It has high capacity, low TCO, high safety, and long lifespan.

## Features

- Single / twin cage
- Variable frequency control
- Multiple door configurations
- Reliability & High quality
- Renowned 3S rack & pinion technology

## Advantages

- Maximized carrying capacity
- Smooth ride and comfort
- Adapt to different site conditions
- More uptime, Less downtime
- Can withstand the harshest of environments

## Benefits

- Safer, caring, capability
- Improved material flow
- Improved productivity
- Extended product lifespan
- Lowers the total cost of ownership (TCO)



# Product Specifications

| Model                      | CH200                         | CH200                         | CH300                       | CH300                         |
|----------------------------|-------------------------------|-------------------------------|-----------------------------|-------------------------------|
| Rated load (kg)            | 2000                          | 2000                          | 3000                        | 3000                          |
| Speed (m/min)              | 0-46                          | 0-63                          | 0-46                        | 0-63                          |
| Control system             | VFC                           | VFC                           | VFC                         | VFC                           |
| Motor power (kW)           | 2 × 11 / 18.5<br>(50 / 87 Hz) | 3 × 11 / 18.5<br>(50 / 87 Hz) | 3 × 15 / 26<br>(50 / 87 Hz) | 3 × 18.5 / 32<br>(50 / 87 Hz) |
| Inverter power (kW)        | 37                            | 75                            | 110                         | 132                           |
| Power supply               | 380 V / 50 Hz                 | 380 V / 50 Hz                 | 380 V / 50 Hz               | 380 V / 50 Hz                 |
| Standard rail section (mm) | 650×650×1508                  | 650×650×1508                  | 650×650×1508                | 650×650×1508                  |
| Cage dimensions (mm)       | 3200×1500×2200                | 3200×1500×2200                | 3200×1500×2200              | 3200×1500×2200                |
| Maximum height (m)         | 300                           | 300                           | 300                         | 300                           |



# Product Specifications

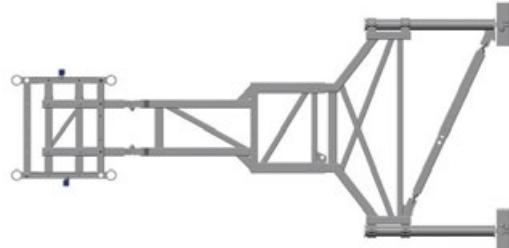
| Model                      | CH200 / 200                       | CH200 / 200                       | CH300 / 300                     | CH300 / 300                       |
|----------------------------|-----------------------------------|-----------------------------------|---------------------------------|-----------------------------------|
| Rated load (kg)            | 2000 / 2000                       | 2000 / 2000                       | 3000 / 3000                     | 3000 / 3000                       |
| Speed (m/min)              | 0-46                              | 0-63                              | 0-46                            | 0-63                              |
| Control system             | VFC                               | VFC                               | VFC                             | VFC                               |
| Motor power (kW)           | 2 × 2 × 11 / 18.5<br>(50 / 87 Hz) | 2 × 3 × 11 / 18.5<br>(50 / 87 Hz) | 2 × 3 × 15 / 26<br>(50 / 87 Hz) | 2 × 3 × 18.5 / 32<br>(50 / 87 Hz) |
| Inverter power (kW)        | 2 × 37                            | 2 × 75                            | 2 × 110                         | 2 × 132                           |
| Power supply               | 380 V / 50 Hz                     | 380 V / 50 Hz                     | 380 V / 50 Hz                   | 380 V / 50 Hz                     |
| Standard rail section (mm) | 650×650×1508                      | 650×650×1508                      | 650×650×1508                    | 650×650×1508                      |
| Cage dimensions (mm)       | 3200×1500×2200                    | 3200×1500×2200                    | 3200×1500×2200                  | 3200×1500×2200                    |
| Maximum height (m)         | 300                               | 300                               | 300                             | 300                               |



## Product Details



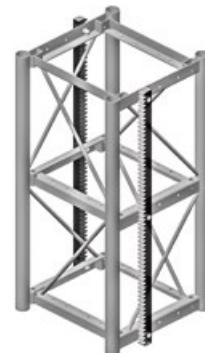
**Safety Device**



**Mast Tie**



**Drive Unit**



**Mast Section**

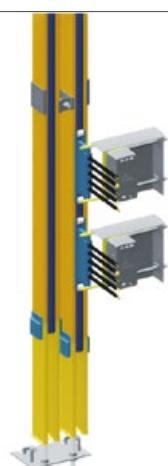
### Cable Guiding Device



**Cable Basket**



**Cable Trolley**



**Busbar**



Scan to learn more



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