



3S INDUSTRY
SAFE | SIMPLE | SPECIALIZED

TOWER CLIMBER



Company Profile

Ficont Industry (Beijing) Co., Ltd. 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

150,000+

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

Tower Climber

Vertical Access Solution

The Tower Climber is a battery-powered auxiliary lifting equipment, which can be used in tower crane, wind tower, high voltage tower, bridge tower detection, oil refinery, cooling tower, granary, storage warehouse and other fields. The product has high safety, smooth operation, compact structure design and simple operation, which can greatly improve the safety and efficiency of climbing personnel, and obtain CE certification.

Features

- Compact structural design
- Rack and pinion drive system
- Quick & easy installation
- Multiple fall protection system
- Lithium battery powered

Advantages

- Space saving
- Robust in different environment
- Wireless operation
- Safety first
- Rapid deployment

Benefits

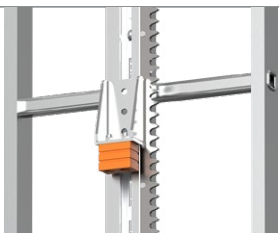
- Maximise space efficiency
- Extended product lifespan
- Lowered operational costs
- Prevent accident risks
- Applicable in different scenarios



Product Specifications

Model	T150
Rated weight (kg)	70
Rated load (kg)	150
Maximum lifting height (m)	350
Rated speed (m / min)	18 (2 minutes to reach the top of 40 meter)
Battery range (m)	≤ 1500 (40 round trips on a 40 meter)
IP rating	IP 65
Operating temperature (°C)	-20 to +55
Design life (years)	20
Rated voltage	Adapt to regional outlet
Standards	Directive 2006 / 42
	EN 1495 Lifting platforms
	EN 12100 - 1 Safety of machinery
	EN 13849 - 1 Safety of machinery - Safety - related parts of control systems CE, ETL

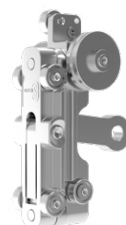
Product Details



Upper-End Stop with Buffer



Operator Fall Arrester



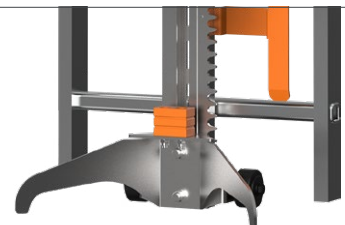
Car Fall Arrester



Roof Support Bracket



Overload Protection System



Lower-End Stop with Buffer

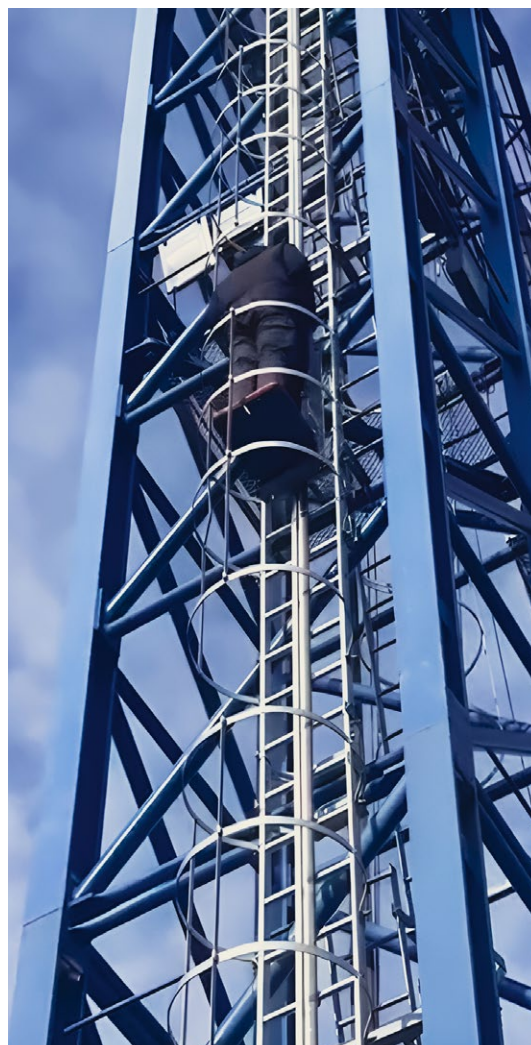
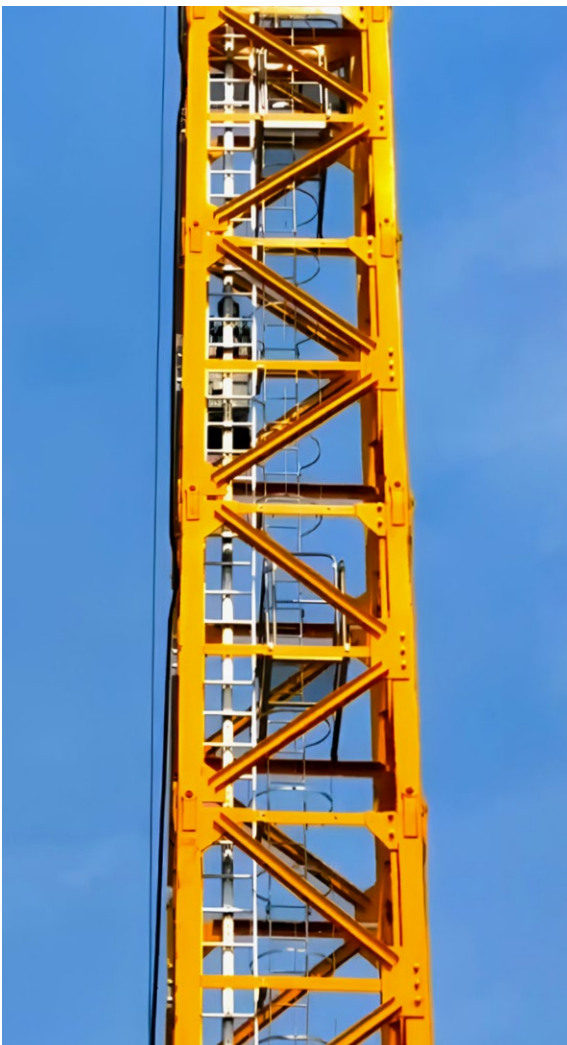
Construction-Tower Crane

Challenge

- Limited space
- Inclined ladder

Project Description

- Use for 18 month and is used frequently every day without any malfunction
- The highest installed height is 200 meters. It has been in use for 18 month and is used frequently every day without any malfunction
- Installed outside the tower crane at inclined ladder Tower Crane



Coal Fire Plants

Challenge

- Manual inspection and maintenance required twice per week
- Addresses main vertical transport issues
- Requires consultative approach and provides many opportunities
- Highly cost-effective lifting plan

Project Description

There is no alternative solution in the same budget



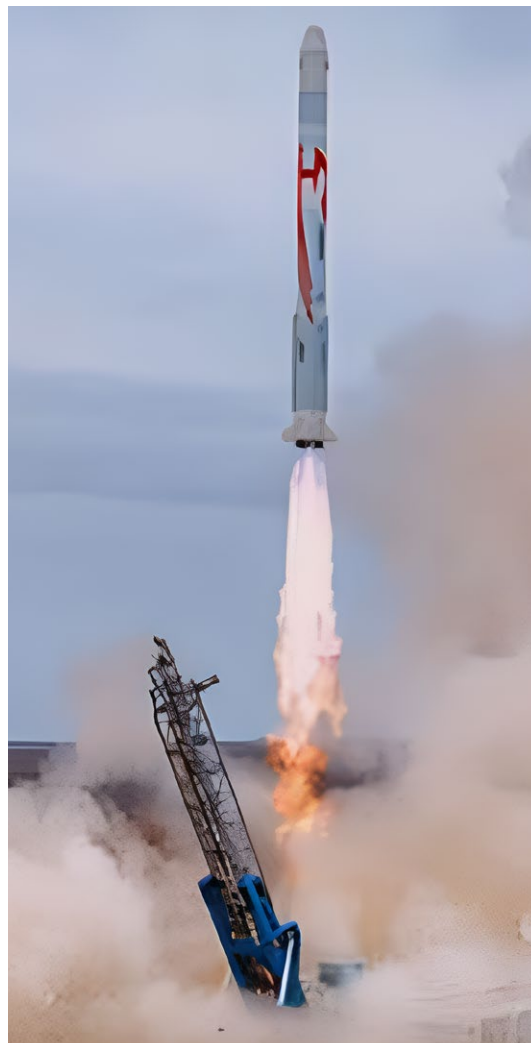
Satellite Launch Rack

Challenge

- Mainly for safety routine inspection / maintenanceRegular transportation of rocket propulsion systems
- Tight space
- Requires early stage entry to such projects, but high success rate

Project Description

3S is the only one in China to provide product solutions for such scenarios



Commercial Solar

Challenge

- Manual inspection and maintenance
- Niche industry

Project Description

- Highly cost-effective lifting solution
- Direct alternative to Climb Assist & Manual climbing
- Provided dozens of Tower Climber solution to this industry





Scan to learn more



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