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3S INDUSTRY



TRANSPORT PLATFORM



COMPANY PROFILE

3S LIFT IS A LEADING GLOBAL SUPPLIER OF ACCESS EQUIPMENT & SERVICES FOR PEOPLE WORKING AT HEIGHT

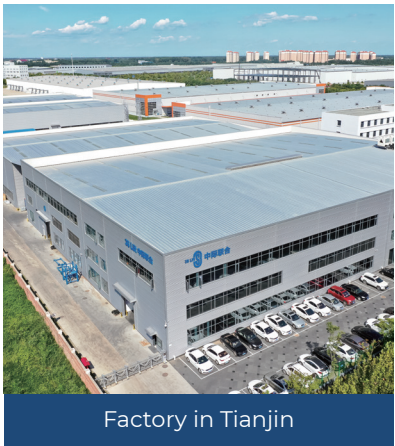
Founded in 2005 , 3S LIFT was listed on stock market in 2021. The company's compound growth rate of revenue and profit in 2022 exceeded 40%.

Headquartered in China, 3S LIFT has subsidiaries in the United States, Germany, India, Japan, Australia and Brazil.

There are over 900 employees globally, including 300 technicians.

Thanks to our spirit of innovation, we have obtained over 100 global certificates in accordance with ISO and OSHA, and 130 international patents.

The main market for 3S products is the wind industry and our solutions have been applied across 61 countries and over 2,000 wind farms.

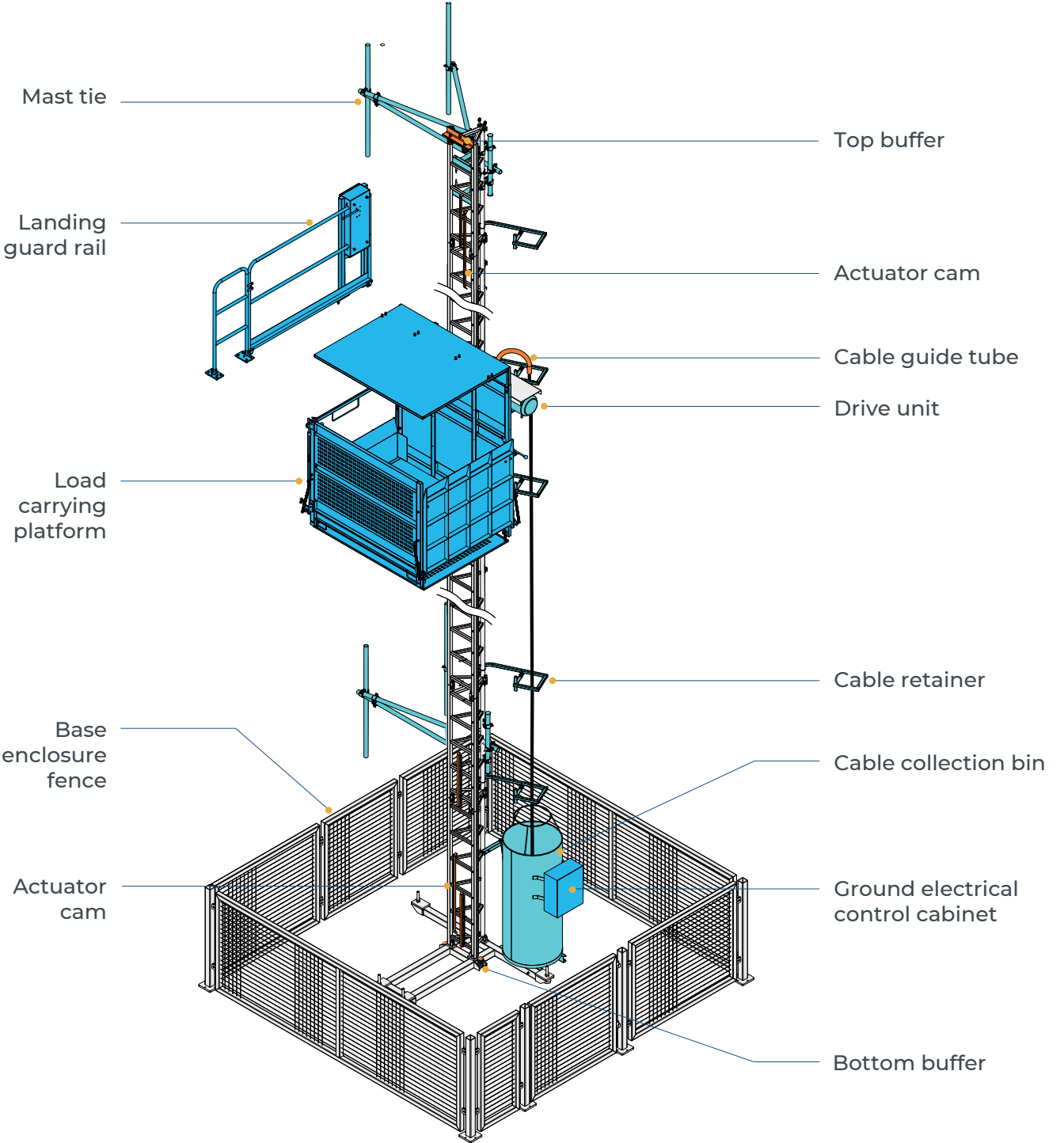


GLOBAL BUSINESS



TRANSPORT PLATFORMS

TRANSPORT PLATFORM IS A VERSATILE CONVEYANCE DEVICE USED EXTENSIVELY IN INDUSTRIAL PRODUCTION AND CONSTRUCTION SITES, CAPABLE OF CARRYING BOTH PASSENGERS AND CARGO FOR ELEVATION OPERATIONS.



FUNCTION INTRODUCTION



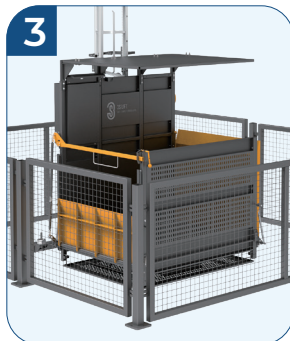
Enhanced Structure

- Constructed from high-strength materials, the equipment guarantees durability and reliability, ensuring prolonged and stable operation even in challenging working conditions. The main load-bearing components, crafted from high-strength structural steel, prioritize safety and dependability. To enhance resilience, the mast sections undergo a hot-dip galvanizing surface treatment, achieving an anti-corrosion grade of C4.



Guardrail Components

- The ground enclosure fence serves to isolate the safe area around the transportation platform, preventing accidents. Additionally, each landing floor features a slidable guardrail with an interlock system to prevent operators from falling, and make sure the platform can not move when the door is open.



Operation Platform

- The operation platform ensures seamless functionality, while a drawbridge with guardrails conveniently positioned on its back for installers to secure masts and rails during erection. The floor, composed of bent and perforated elements, offers both rigidity and anti-slip properties. Installing the loading ramp on either sides on left or right enhances the convenience of loading and unloading, which also features a control bar system with vertical or horizontal openings. To enhance versatility, the loading ramp can be substituted with a bi-foldable gate, facilitating easy loading with a fork-lift or when it's used for manned lifting.



Drive System

- The single or dual drive unit operates on mast sections using a series of guide rollers mounted on a tandem frame, ensuring uniform pressure distribution and leading to decreased wear, smoother travel, and an extended lifespan for the entire guiding system. The dual motor with manual descending function, overload protection device, and fall arrest system are centrally located for efficient installation and streamlined operation. Additionally, the cable guiding tube on the rear side of the platform prevents the entire power system from being encumbered by lengthy cables.



Guiding System

- The guiding system comprises guide rails, single guide rollers, and double guide rollers. The guide rail is interconnected through standard sections, where the rack is securely fastened. Buffers are positioned at the top and bottom of the standard section. The transport platform is linked to the guide rail via guide wheels, facilitating reciprocal movement along the rail to ensure the platform adheres to the designated trajectory.



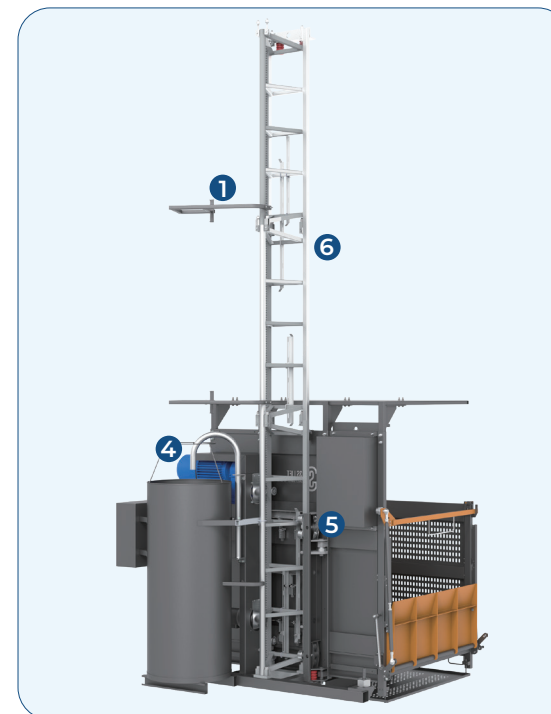
Mast Sections

- The mast sections are securely fastened to each other using 3-4 eyebolts, ensuring swift and safe assembly while eliminating the risk of loss. Simultaneously, the rack is affixed to the mast through screwing. The Mast Tie is attached to the mast sections using a double frame, enhancing the rigidity of the masts and providing a robust connection to the main building.

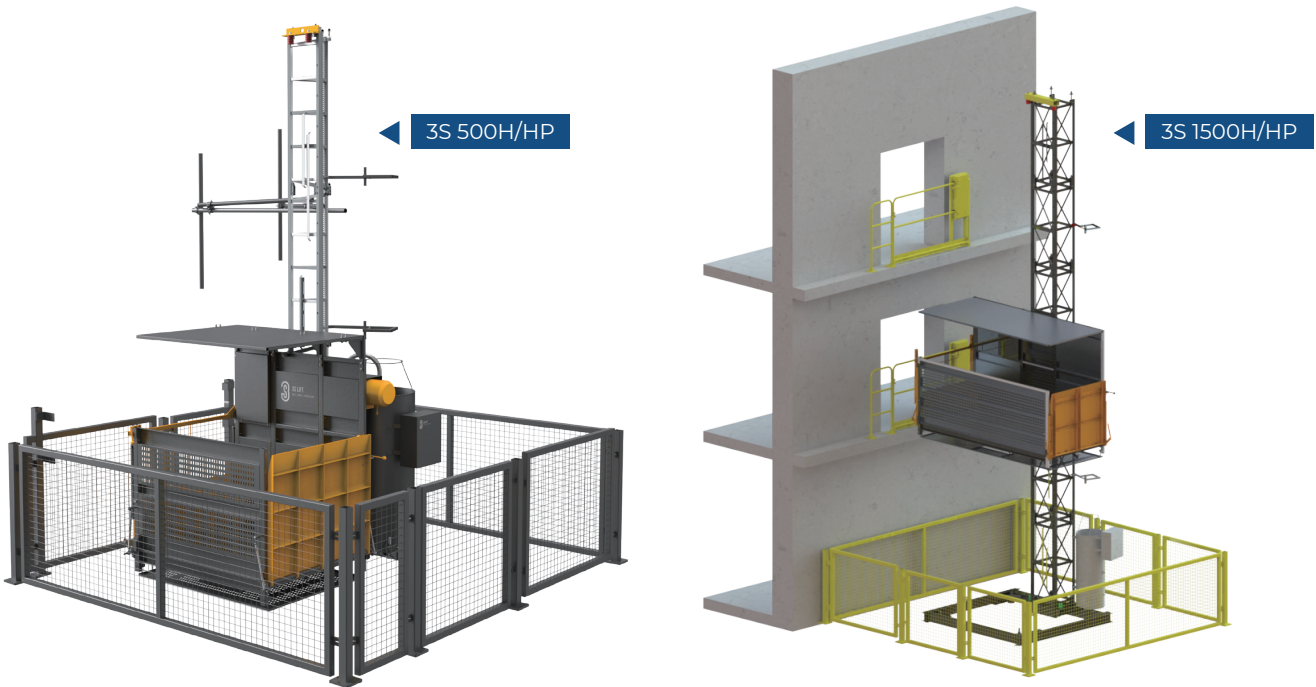


Control Panel

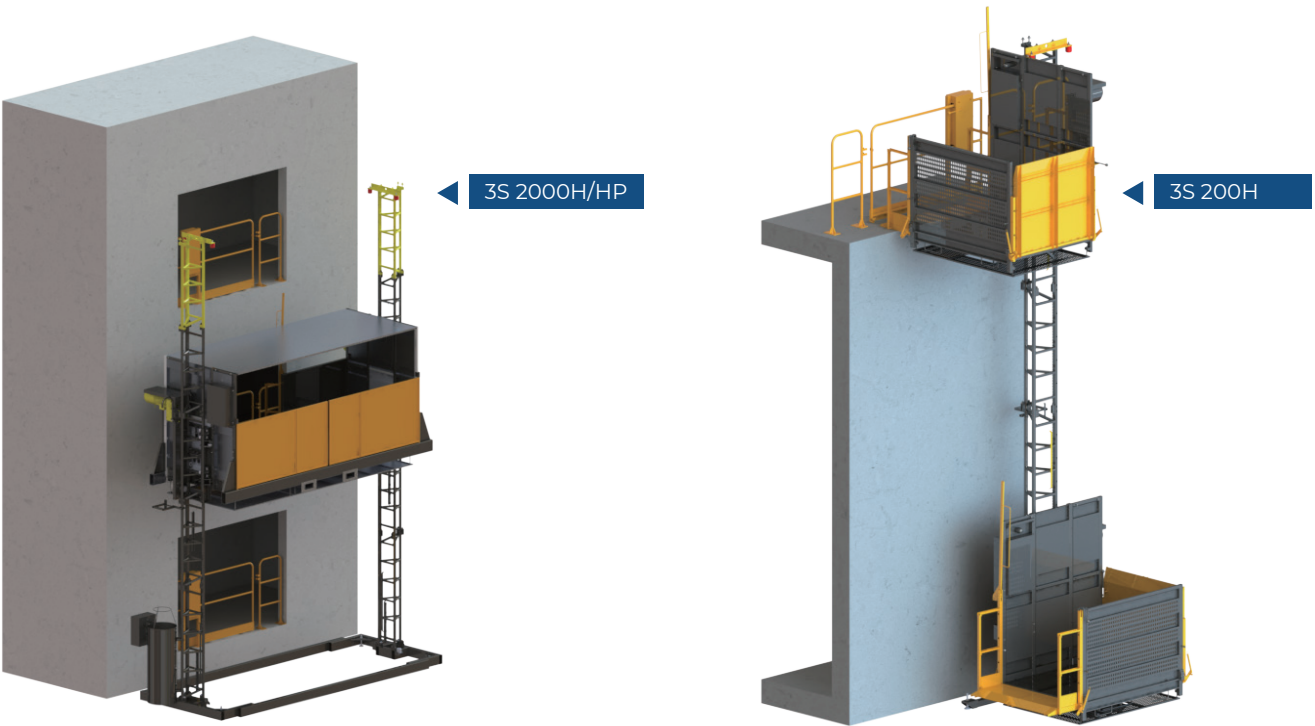
- The electric control box is versatile, allowing placement on both sides of the platform. It consolidates all the necessary commands for platform use and safety system control. The panel features a key-switch, enabling functionality as either for manned or cargo transportation. Additionally, an LCD display on the control box monitors operational status and alarm information, which provides a clear overview of daily maintenance and fault alarms that enhances the safety of operations.



PRODUCT SPECIFICATION

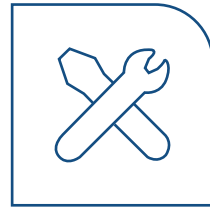


Performance Data		
Model	3S 500H/HP	3S 1500H/HP
Rated load (kg)	500	1500
Rated load (person)	3	7
Max. speed with materials (m/min)	24	24
Max. speed with persons (m/min)	12	12
Platform dimensions (length × width, mm)	1700×1400	3200×1400
Maximum height (m)	100	100
Power supply	400V 3P+N+PE 50Hz	400V 3P+N+PE 50Hz
Motor (kW)	5.5	2×7.5
Operating temperature	-20°C~+40°C	-20°C~+40°C
Corrosion resistance class	C4	C4



Performance Data		
Model	3S 2000H/HP	3S 200H
Rated load (kg)	2000	200
Rated load (person)	7	1
Max. speed with materials (m/min)	24	24
Max. speed with persons (m/min)	12	12
Platform dimensions (length × width, mm)	4300×1700	1700×1000
Maximum height (m)	100	100
Power supply	400V 3P+N+PE 50Hz	400V 3P+N+PE 50Hz
Motor (kW)	2×7.5	3
Operating temperature	-20°C~+40°C	-20°C~+40°C
Corrosion resistance class	C4	C4

KEY FEATURES



Versatile Utility

- Seamlessly transitions between manned operations and cargo lifting, providing adaptability for diverse scenarios.



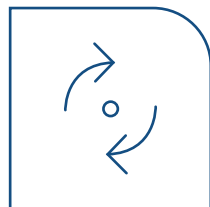
Durable Performance

- Robust design ensures maximum endurance, making it a reliable choice for demanding construction and refurbishment projects.



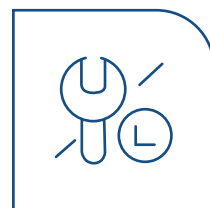
Simplicity and Reliability

- The straightforward design and components, minimize the complexities in operation and maintenance.



Unmatched Flexibility

- Completely reversible for both right and left orientations, offering unparalleled flexibility on-site. Three-sided entrance further enhances accessibility.



Efficient Setup and Teardown

- Both triangular and quadrate mast design are available and can be connected with bolts, enabling the quickest erection and dismantling.



Enhanced Safety

- Integrated with safety features, including functions like fall arrest and overload protection device, ensuring a secure working environment.

AFTER-SALE SERVICE



Warranty

1 year

Maintenance

The inspection and replacement of wearing parts need to be performed regularly by qualified personnel according to the operation manual. We provide sufficient spare parts supply around the world through our subsidiaries and distributors.



Professional global service capability

365 d x 24 h service time

15 min respond to customers to diagnose fault

24 h to offer solutions

48 h to resolve complaint