



www.3sindustry.com



linkedin.com

**900+**  
Employees

**300+**  
R&D Technicians

**100+**  
International Patents

**65**  
Country Markets

Founded in 2005, 3S LIFT was listed on stock market in 2021.

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 65 countries and over 2,000 wind farms.

3S LIFT products have been applied in more than 16 industries over 65 countries around the world, and have a great market share in the global wind power industry.



R&D Center in Beijing



Factory in Tianjin



North America Branch in Texas



Europe Branch in Hamburg



India Branch in Chennai



Japan Branch in Tokyo

# HEAVY-DUTY SERVICE LIFT

The 3S Service Lift series is designed specifically for permanent installation in wind power and other scenarios, and is an ideal choice for O&M of wind turbines and other important facilities. Durable and comfortable, the 3S Service Lift not only meets the needs of daily operation and maintenance work, but also can withstand the most demanding environmental challenges.



## ■ FEATURES



### Enhanced Safety

Easy and quick escape thanks to shorter distance from the trapdoor to the ladder and optimized escape procedure.



### Better Efficiency

Over 50% increase in transport efficiency.



### Optimized Stability

Optimized ladder guiding design for superior stability and comfort.

## ■ SPECIFICATION

### Performance Data

Model	WM350E1-LL
Rated load (kg)	350
Capacity (Persons)	3
Speed (m/min)	18, 21
Motor (kW)	4
Power supply	400/690 V, 50/60 Hz, 3P+PE
Dimensions (mm)	950 × 860 × 2750
Operating temperature	-30 °C ~ +60 °C
Certifications	CE

# ■ PRODUCT DETAILS

## 01 Top Sensing Panel

The top sensing panel is located at the top of the lift. When coming in contact with an obstacle, the panel is compressed and a sensor is triggered. This immediately stops the lift, preventing impact with the obstacle.

## 02 Safe Lock

When the Service Lift descends faster than the preset speed of the safe lock, the safe lock will automatically trigger to stop the lifts.

## 03 Lifting Hoist

Featuring good reliability, its advanced design principles and processing methods ensure the reliability of the whole operation. The hoist operates smoothly, ensuring a high lifting height.

## 04 Control Box

As the control system of the lifts, it contains one or more low-voltage switch gears and related control, signaling, protection, regulation and other equipment, and complete assembly together.

## 05 Aluminum Ladder

It can be used as a climbing device for personnel or as a guide rail for service lifts.

## 06 Upper Support Arm

The guide wheel on the support arm assembly travels up and down along the vertical beam of the ladder, thus ensuring that the lift operates according to the specified routine.

## 07 Lower Support Arm

The guide wheel on the support arm assembly travels up and down along the vertical beam of the ladder, thus ensuring that the lift operates according to the specified routine.

## 08 Bottom Sensing Panel

The bottom sensing panel is located under the lift. When coming in contact with an obstacle, the panel is compressed and a sensor is triggered. This immediately stops the lift, preventing impact with the obstacle.



# CERTIFICATIONS



# AFTER-SALES SERVICE



## Hotline

+49 174 6325846  
+49 40 32518887



## Quick Response

- 12 h to diagnose fault
- 24 h to offer solutions
- 48 h to resolve requirements

# APPLICATION CASES

