Scan to learn more

3S INDUSTRY
SAFE I SIMPLE I SPECIALIZED

Vertical Ladder Hoist



3S Industry Group Inc.
No. 11 Tongji South Road,
Jingkai District, Beijing 100176, China
+86 10 6959 7866
info-china@3sindustry.com

3S Americas Inc.
2920 Telecom Parkway, Suite 400,
Richardson, TX 75082, USA
+1 972 849 3210
info@3SAmericas.com

3S Europe GmbH
Hein-Saß-Weg 21
21129 Hamburg, Germany
+49 40 3251 8887
info@3SEurope.de

3S Lift India Private Limited
No 141, Agnitio park, 7th floor,
Kandanchavadi, Rajiv Gandhi Salai,
Perungudi, Chennai, Tamil Nadu - 600096, India.
+91 96006 53379
info-india@3Sindustry.com

3S Japan Co., Ltd.
#B1F Bright Akihabara 1-24-9 Taito,
Taito-Kaku, Tokyo, 110-0016 Japan
+81 90 4602 3955
info-Japan@3sindustry.com

3S Lift Brasil Ltda.
Jorge Czerniewicz street, 1020, Room 01,
Czerniewicz zone, CEP 89.255-000,
Jaraguá do Sul City, Santa Catarina State
+55 11 97847 8584
info-brasil@3sindustry.com

3S Middle East L.L.C-FZ
Meydan Grandstand, 6th floor, Meydan
Road, Nad Al Sheba, Dubai, U.A.E
info-uae@3sindustry.com

Company Profile

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 60 invention 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

60+
Invention Patents

13
Global Subsidiaries

200,000+
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 products are used



Headquarters in Beijing



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

Vertical Ladder Hoist

Vertical Ladder Hoist boasts 300kg safe working load, 50m max height(can be customized). It uses rack-and-pinion tech, has a detachable 90°-swivel cradle, and a slim mast (40% smaller footprint) compatible with most scaffolding. It cuts trips/labour costs, boosts safety vs. hoists, and ensures high ROI via reusability.

Features

- Rack and pinion drive
- 90-degree swivel cradle
- Slim ladder profile
- Frequency inverter control

Advantages

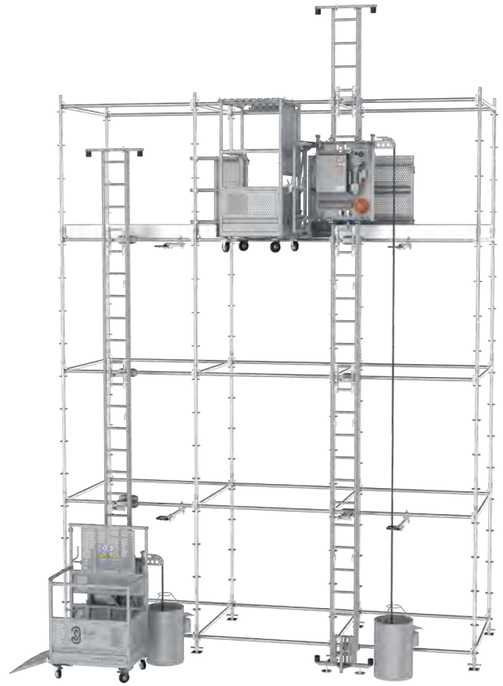
- Positive gear engagement; no rope slip or stretching
- Platform rotates inwards toward the scaffolding deck
- Compact mast footprint
- Regulates power output and motor speed

Benefits

- Operational Stability: Smooth start/stop and consistent speed regardless of load
- Safety & Ergonomics: Eliminates dangerous reaching over handrails
- Site Accessibility: 40% reduction in footprint compared to standard hoists
- Reduced Wear: Reduced current load prevents power spikes







Product Specifications

Model	VH01L300
Drive type	Rack and Pinion
Max. rated load (kg)	300
Max. lifting speed (m / min)	20
Anti-fall braking distance (m)	≤ 1.4
Max. lifting height (m | ft)	50 | 164
Platform dimensions (mm)	Before expansion 880×1260×1400
	After expansion 880×1260×2090
Single rail length / weight (m / kg)	1.96 / 24.5
Motor power (kW)	2.2
Operating voltage	230 V 50 Hz (16A Max Current)
Certification	CE / EN 12158-1

Product Details



Drive Unit



Top Section



Bottom Section



Standard Rail Section



Transport Cradle without Extension



Transport Cradle with Extension

Industrial Application



Material Handling



Construction

