





COMPANY INTRODUCTION

- The number of global users has surpassed 10,000, covering more than 150 countries and regions worldwide.

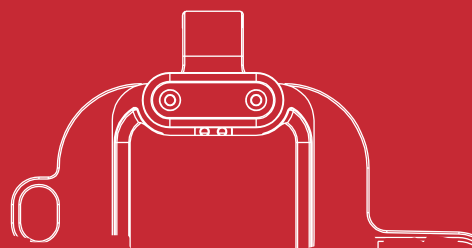
Mode China, established in 2007, is a global manufacturer of lifting equipment and escape devices. It operates as an integrated entity, encompassing research and development, design, production, sales, and services. Mode China is recognized as a Chinese high-tech enterprise and is a member of the China Construction Machinery Industry Association and the China Fire Protection Association.

Its products span two major domains: lifting and life safety. These products find applications in various industries, including entertainment, energy, industrial, firefighting, and construction.

Provided solutions for numerous major stage projects and significant undertakings, including the Beijing Olympics, Belt and Road Forum, China National Games, world-class concerts, international sports events, World Expo, Beijing Daxing Airport, China South Locomotive, Xiangtan Electric Group wind power projects, and more.

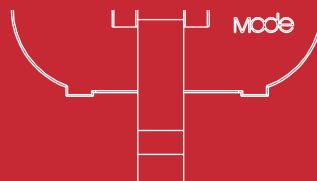
Based in Beijing, Mode China has its global headquarters along with a Beijing Marketing Center. It operates a research and development production center in Zhuozhou and also maintains branch offices in Shanghai, Suzhou, the United States, and South Africa.

Mode's history has been inseparable from your trust and support, and Mode's future relies even more on your sincere cooperation. The persevering Mode team will use its products and services to build a bridge of friendship between you and us!



Smart Spider **Battery-Powered Ascender**

Safe, Reliable / Long-lasting Endurance





PRODUCT INTRODUCTION

- Fast, secure, and reliable, Smart Spiders efficiently transport you to required heights, depths, or complex terrains for various tasks such as installation, inspection, maintenance, repair, and rescue.
- Made from aluminum alloy, it is lightweight, durable, and wear-resistant, allowing for easy installation and disassembly. Internationally certified standard ropes and batteries ensure that your actions are safe, flexible, enduring, time-saving, and cost-effective.

APPLICATION AREAS OF PRODUCTS



High Towers

- Power tower repair and maintenance
- Telecom tower repair and maintenance



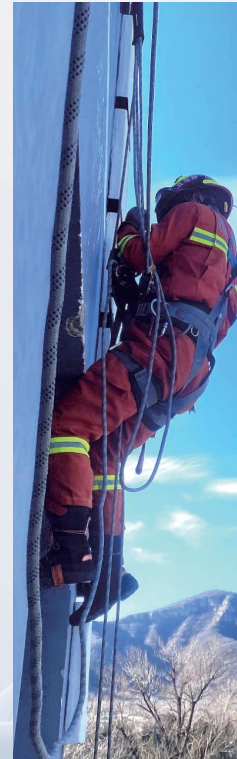
Aerial

- High-rise Building Cleaning
- Facade Maintenance
- Lift Equipment And Objects



Industrial Services

- Smoke/Silo Maintenance
- Tree Care Services
- Mining Exploration



Rescue Services

- Mountain rescue
- Urban rescue
- Fire rescue



Others

- Working In Narrow Spaces
- Engineering Construction
- Bridge Inspection



Rope Technology

- Rope Technology Services And Training

Wind Power Generation

- Wind Turbines
- Blade Maintenance And Cleaning

PRODUCT FEATURES



MODE'S INDEPENDENTLY DEVELOPED ENERGY MANAGEMENT SYSTEM.

- Rapid Charging and Long-Lasting Battery Life.
- Equipped with simultaneous charging and discharging protection, as well as safeguards against undervoltage, overcurrent, overdischarge, short circuit, and temperature extremes.
- Remote wireless control ensures a stable signal.

200KG

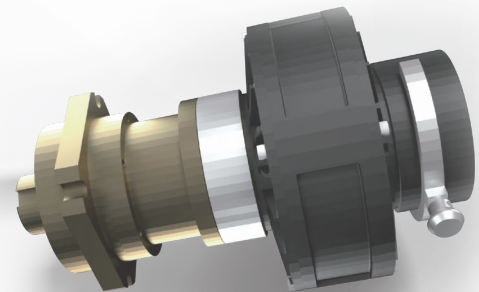
maximum loading

360M

Maximum climbing distance

AN UPGRADED TRANSMISSION ASSEMBLY LEADS TO AN ENHANCED USER EXPERIENCE.

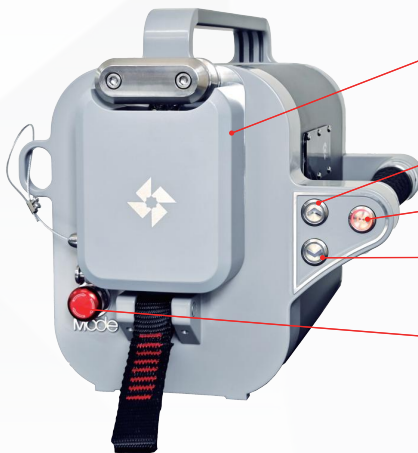
- Featuring a digital motor, it generates low heat and offers stepless speed regulation for precise control.
- Equipped with a multi-stage planetary gearbox, it boasts a compact size, high torque, and abundant power.
- Featuring a power failure brake, it automatically engages braking when power is lost, thereby eliminating the risk of losing control.



FUNCTION INTRODUCTION



SPEED CONTROL HANDLE
(speed can be adjusted by twisting the handle)



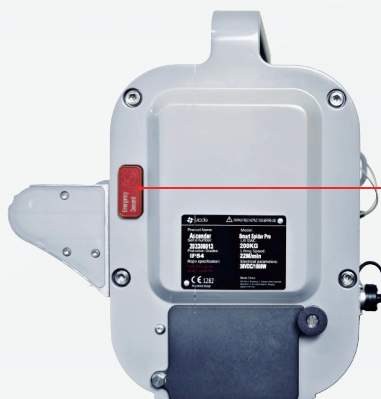
ROPE GUIDE WHEEL
(Suitable for 10 mm ~11 mm static rope according to EN1891 standard)

UP KEY

POWER BUTTON

DOWN KEY

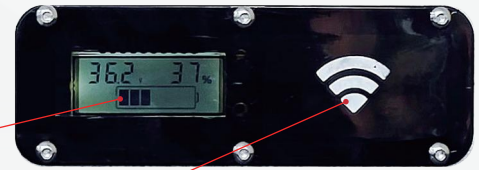
EMERGENCY STOP BUTTON



EMERGENCY DESCENT BUTTON
(Drop manually without power)

USAGE METHOD

BATTERY CAPACITY DISPLAY
(LED screen highlight)

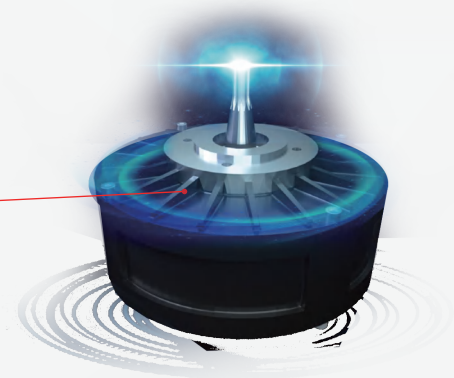


WIFI SIGNAL

POWER BATTERY-5000 MAH
(IEC62133-2017 certification)



CONSTANT SPEED MOTOR
(1000W power, load up to 200KG1000W power, load up to 200KG)



PRODUCT PARAMETERS



SMART SPIDER I

BRAND Mode	MODEL Smart spider pro	MATERIAL QUALITY All aluminum alloy body	APPEARANCE SIZE 330 * 265 * 267 (MM)	SINGLE UNIT WEIGHT 14.3KG (including battery)
BATTERY 5000MAH power battery	VOLTAGE 36V	SPEED Stepless speed change with an increase of 0-20m/min Descending 0~37m/min continuously variable speed	CHARGING DURATION 150 min	
POWER 1000W	SAFE LOAD 200KG	RUNNING DISTANCE (SINGLE BATTERY) Round trip 360M (120KG load)	NO ELECTRICITY RELEASE DECREASE Have	
EMERGENCY STOP Have	WORKING TEMPERATURE -20 ° C to+50 ° C	PROTECTION LEVEL IP54	STANDARD SAFETY BUCKLE D-type safety buckle * 1	WIFI Standard configuration
ROPE REQUIREMENTS Comply with EN1891A standard wire diameter 10-11MM (length optional)	CHARGER Single charge 1 Optional fast charging or optional one charge ten charging station			

COOPERATION PARTNERS



BMW China



Mercedes-Benz China



Bosch



China FAW Group



CSR



CNR



FORUM



HNTV



CCTV



CR POWER



BIRD'S NEST



TIAN JIN



CASC



Sany



YingLi Solar



XEMC



Great Hall Of the People



STATE GRID



SMG



BDIA



POWERCHINA



Changsha International Convention and Exhibition Center



WANDA MOVIE PARADISE



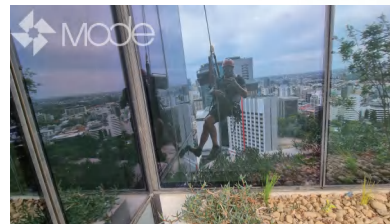
Expo 2010 Shanghai China



CUSTOMER CASE



Italian clients are conducting ●
cave exploration and narrow space rescue



High building
facade/window cleaning



Architectural construction
maintenance and cleaning



High altitude lifting



Renewable energy service



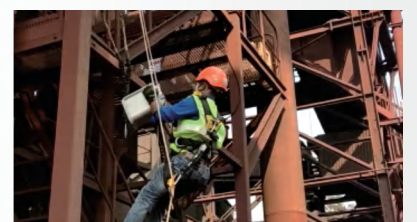
Power tower maintenance



Wind blade/turbine
maintenance & repair



Professional rope access training



Industrial inspection steel
factory maintenance

Mode

Professional After-Sales

PROFESSIONAL AFTER-SALES MANAGEMENT PROCESS AND SERVICE TEAM.



Customer service is available
online 24/7,
ready to respond at any time.



Urgent after-sales matters will
be resolved within 2 hours.



Repairs will be finished
within 7 business days.

