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TRACKED HIGH-ALTITUDE
LIFTING PLATFORM-25M

COMPREHENSIVE UPGRADE



CANGZHOU FORWARD ROLL FORMING MACHINERY MANUFACTURING CO., LTD.

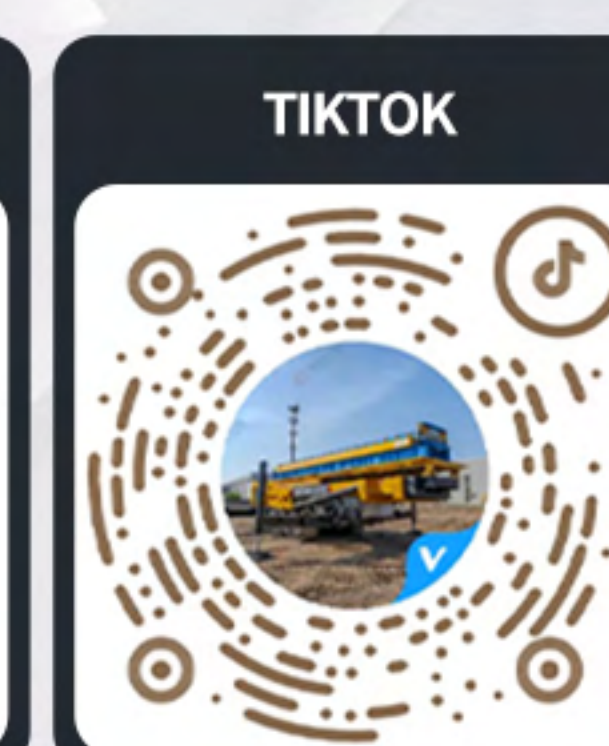
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114m²
FULLY EXTENDED

25m
LIFTING HEIGHT

3t
RATED LOAD

5t
TRUCK CRANE DATA

PRODUCT INTRODUCTION

The 25-8bL is a tracked, multifunctional, heavy-duty aerial work platform, widely used for high-altitude operations in steel structure projects. It significantly improves construction efficiency while ensuring operational safety.

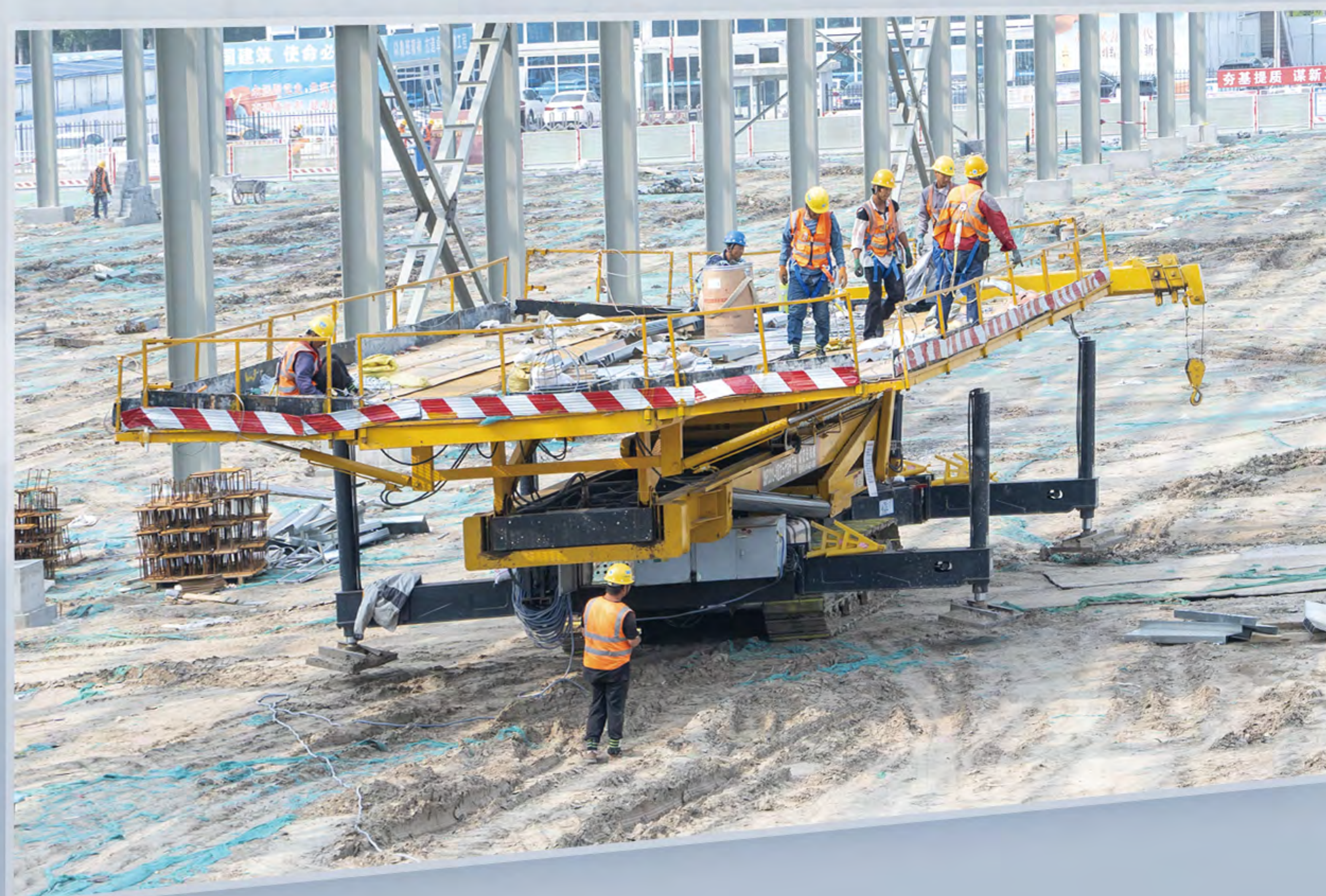
As the first domestic aerial work platform to adopt a wing-span telescopic design, it achieves a fully extended working area of 114m², with a diagonal span exceeding 15 meters and a load capacity of up to 3 tons. This effectively addresses key construction challenges such as multi-machine scheduling safety, repetitive hoisting efficiency, and high-altitude falling object risks.

Equipped with a 13.5m / 5-ton truck-mounted crane as standard, the platform offers enhanced versatility, enabling it to efficiently perform high-altitude tasks including lifting, loading, hoisting, transporting, supporting, and moving materials.

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**APPLICATION
SCENARIO**

*Inverted Roof Installation / Reverse Roofing Construction
Wall Panel Installation
High-altitude Roof Sheet Forming / Aerial Roof Panel Pressing
Aerial Construction / High-altitude Operation
Tunnel Repair / Tunnel Maintenance
Photovoltaic (PV) Installation / Solar Panel Installation*



Performance Section

Advanced Technology · Strong and Durable

- The lifting boom is made of high-strength T700 steel, processed with precision milling and boring technology to ensure superior craftsmanship and structural integrity. It delivers excellent wind and shear resistance, providing stable performance even in plateau or coastal climates.
- Powered by a Yuchai 140HP National Stage III diesel engine, the system features advanced technology, strong power output, and excellent climbing ability. With its lightweight design and high fuel efficiency, it achieves low carbon emissions, making it eco-friendly, safe, and reliable.
- Built with premium-quality components, the entire machine is equipped with bronze sleeve bearings, imported proportional multi-way valves, and precision oil seals, which greatly enhance stability, reduce failure rates, and ensure safe and efficient aerial operations.
- The machine's surface undergoes shot blasting and rust removal, followed by four layers of industrial-grade paint coating with a total film thickness of 150μm–180μm. This process provides excellent corrosion and weather resistance, ensuring long-term durability, platform safety, and extended service life.



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Performance Section

Powerful Performance · Boosted Efficiency

- The 25-8BL is a crawler-type multifunctional heavy-duty aerial work platform, featuring precise design and stable structure. It offers a working area of 114m², a maximum lifting height of 25 meters, and a maximum load capacity of 3 tons.
- The platform is equipped with six high-strength hydraulic cylinders, forming a wing-span triangular support structure for enhanced stability. With a diagonal span exceeding 15 meters and a 3-ton load capacity, it ensures safe and efficient operation at high altitudes.
- The crawler chassis adopts industry-leading engineering design and integrated customization, providing high precision, large ground contact area, and strong driving power. With a travel speed of up to 30 meters per minute, it performs reliably across hilly terrain, sandy ground, and rainy or snowy construction environments.
- Standard configuration includes a 13.5-meter, 5-ton truck-mounted crane with a 380mm eight-sided high-strength boom, ensuring superior stability, strong lifting capacity, and long-term durability. It supports independent lifting and auxiliary hoisting operations, making construction safer, more flexible, and more efficient.



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Performance Section

Intelligent Safety · High-Altitude Protection

- Equipped with a German BOSCH electronic control system, the platform features high-frequency resistance and stable performance. It allows precise control of hydraulic valves, pumps, and other actuators, while providing fast fault diagnosis to narrow down troubleshooting time and ensure efficient maintenance.
- The dual-section outriggers offer a maximum span of 9.2 meters, delivering higher strength and superior stability. This design enhances safety during aerial operations and improves platform adaptability on slopes, sandy terrain, and other complex environments.
- The lifting system ensures smooth and safe elevation, reaching 15 meters in just 35 seconds. With smart leveling and limit protection, it guarantees operator safety and effectively prevents falling objects during high-altitude work.
- Designed with operator comfort and efficiency in mind, the platform includes a 1.3-meter tool box, a reserved 380V three-phase power supply, and remote-control operation. The wide field of vision and easy handling improve work safety in high-risk environments and expand the platform's application scenarios.

Equipment Specifications

Item	Specification
Equipment Steel Plate Material	High-strength T700 steel
Equipment Structural Steel Material	Q345B / T700 steel profiles
Crawler Chain	Pitch 190 mm
Travel Motor	TM60; Torque: 65,000 N·m
Diesel Engine	Yuchai 130HP National Stage III Diesel Engine
Controller	BOSCH series construction machinery controller
Oil Pump	Constant-power variable piston pump & Kawasaki dual piston pump
Pump Motor	Dual 15 kW motors
Hydraulic Hose / Pipe	Galvanized high-pressure iron hydraulic pipe
Main Control Valve	Load-sensing proportional valve
Rated personnel load capacity	15 persons capacity

Physical Parameters of Main Structure

Wind Resistance Rating: Level 4	Platform Load Capacity: 3 Tons
Static Dimensions (L×W×H): 13.5m × 2.8m × 3.0m	Machine Weight: 35 Tons Lifting Height: 25 m
Maximum Platform Span: 12m × 9.5m	Outrigger Span: 6.5 m × 9.2 m

