



EROMEI 易路美

Defending Life With Technology

www.eromeigroup.com

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Where there's a road
There's EROMEI

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COMPANY PROFILE

企业简介

EROMEI specializes in the research, development, manufacturing, and sales of innovative equipment, advanced materials, and cutting-edge technologies for road safety protection and preventive road maintenance. The company is committed to providing safer and more efficient integrated solutions for road operations worldwide.

EROMEI has obtained more than 150 patented technologies and has been recognized as a National “Little Giant” Specialized and Sophisticated Enterprise, a National HighTech Enterprise, an Approved Road Motor Vehicle Manufacturer by China’s Ministry of Industry and Information Technology, and the Guangdong Provincial Engineering Technology Research Center for Preventive Road Maintenance, among other honors.

Guided by the business philosophy that “A Good Reputation Outweighs Great Wealth,” EROMEI consistently upholds technological innovation and quality excellence. The company continues to strengthen its product portfolio and service capabilities while advancing toward specialization, intelligence, and internationalization. EROMEI is dedicated to driving the progress of the road operation safety industry and becoming a global leader in road work safety protection solutions.

易路美专注于道路安全防护及预防性养护领域新装备、新材料、新工艺的研发、生产与销售，致力于为全球道路作业提供更安全、更高效的整体解决方案。公司已拥有 150 多项专利技术，被评为国家专精特新“小巨人”企业、国家级高新技术企业、工信部道路机动车辆生产企业、广东省道路预防性养护工程技术研究中心等荣誉称号。

易路美始终秉承“美名胜过大财”的经营理念，坚持技术创新与品质提升，持续完善产品体系与服务保障能力，以专业化、智能化、国际化的发展方向，推动道路作业安全行业进步，致力成为全球道路作业安全防护解决方案的引领者。

Corporate Vision: Where there is road, There is EROMEI

Corporate mission: Protect lives with technology

Core Values: Integrity, sharing, of excellence!

Corporate goal: To become a leader in road operation safety protection solutions!

企业愿景：有路就有易路美

企业使命：用科技捍卫生命

价值观：诚信、共享、追求卓越！

企业目标：成为道路作业安全防护解决方案的引领者！

Business philosophy: A Good Reputation Outweighs Great Wealth

Development Philosophy: Do new things, do big things, do difficult things

Product Philosophy: Make the best products with craftsman spirit

Service Philosophy: Professional, timely and considerate

经营理念：美名胜过大财

发展理念：做新事、做大事、做难事

产品理念：以工匠精神，做最好的产品

服务理念：专业、及时、贴心

Truck Mounted Attenuator(TMA)

TMA 60K-G	
型号	TMA 60K-G
防护等级	1500kg-60Km/h 正碰
外框材质	优质铝合金
内部材质	特殊设计铝蜂窝吸能模块
防撞缓冲垫长度	1100mm
防撞缓冲垫宽度	2008mm
防撞缓冲垫厚度	652mm
离地高度	260-280mm
Model	TMA 60K-G
Collision Protection Level	1500kg-60Km/h head-on collision
External Frame Material	High-quality aluminum alloy
Inner Material	Special aluminum honeycomb energy absorption module
Length	1100mm
Width	2008mm
Thickness	652mm
Ground clearance	260-280mm



TMA 80K-G	
型号	TMA 80K-G
防护等级	1500kg-80Km/h 正碰
外框材质	优质铝合金
内部材质	特殊设计铝蜂窝吸能模块
防撞缓冲垫长度	2100mm
防撞缓冲垫宽度	2304mm
防撞缓冲垫厚度	590mm
离地高度	260-280mm
Model	TMA 80K-G
Collision Protection Level	1500kg-80Km/h head-on collision
External Frame Material	High-quality aluminum alloy
Inner Material	Special aluminum honeycomb energy absorption module
Length	2100mm
Width	2304mm
Thickness	590mm
Ground clearance	260-280mm



TMA 100K-G	
型号	TMA 100K-G
防护等级	1100/1500/2270kg-100km/h 正碰; 2270kg-100km/h 斜碰与偏碰
外框材质	优质铝合金
内部材质	特殊设计铝蜂窝吸能模块
防撞缓冲垫长度	2895mm
防撞缓冲垫宽度	2304mm
防撞缓冲垫厚度	590mm
离地高度	260-280mm
Model	TMA 100K-G
Collision Protection Level	1100/1500/2270kg-100km/h head-on collision; 2270kg at 100km/h oblique collision and offset collision
External Frame Material	High-quality aluminum alloy
Inner Material	Special aluminum honeycomb energy absorption module
Length	2895mm
Width	2304mm
Thickness	590mm
Ground clearance	260-280mm



Certified through MASH 2016 crash testing

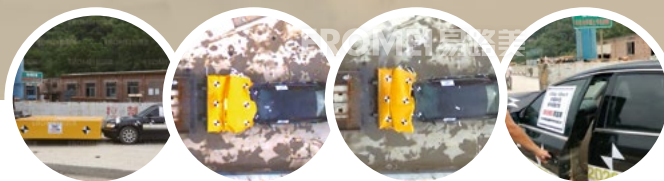
EROMEI Truck-Mounted Attenuators have passed full-scale crash tests conducted by CNAS-accredited professional testing institutions and comply with the U.S. MASH 2016 standard.





EROMEI crash cushion equipment has undergone more than 100 full-scale vehicle crash tests and obtained multiple levels of safety collision certifications. The rigorous testing standards verify the impact absorption and buffering performance, providing more reliable safety protection for road construction and maintenance operations.

100⁺
Full-Scale
Crash Tests



Professional Authoritative Testing

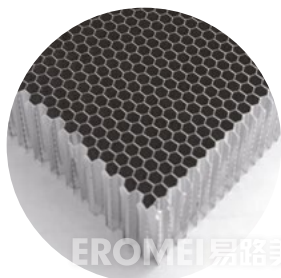
EROMEI crash cushion equipment has passed full-scale crash testing conducted by CNAS-accredited professional institutions and complies with U.S. MASH 2016 testing standards. The reports are legally valid, nationally recognized, and internationally accepted.

100k (1.1t) Head-On Collision	100k (2.27t) Head-On Collision	100k (2.27t) Offset Collision	100k (2.27t) Oblique Collision	100k (1.5t) Head-On Collision
80k (1.1t) Head-On Collision	80k 正碰 (2.27t) Head-On Collision	80k (2.27t) Offset Collision	80k (2.27t) Oblique Collision	80k (1.5t) Head-On Collision
	60k (1.5t) Head-On Collision	60k (1.5t) Offset Collision	60k (1.5t) Oblique Collision	

YLM5124TFZ 100K Truck Mounted Attenuator Vehicle (12 T)



Vehicle Parameters		Crash Cushion Parameters	
Product Model	YLM5124TFZ	Crash Cushion Length	2895mm
Vehicle Dimensions (L × W × H)	7670×2450×3995, 3775mm	Crash Cushion Width	2304mm
Gross Vehicle Weight	12395kg	Crash Cushion Thickness	590mm
Curb Weight	12265,12200Kg	Operating Voltage	24V
Seating Capacity	2, 3	TMA Control	Left rear side + right rear side + cab control
Chassis	SINOTRUK HOWO chassis	TMA Angle	0-90°
Engine Power	147Kw/199PS	TMA Drive	Independent hydraulic power station



100k Energy Absorption Core

The honeycomb aluminum structure adopts a precision modular design with highly efficient impact energy absorption performance. The crash cushion has passed five 100km/h full-scale crash tests and complies with MASH 2016 safety standards.



Corrosion Resistance Test



High And Low Temperature Test



Salt Spray Test



Combustion Performance Test



Static Compression Test



Shear Strength Test



Intelligent Early Warning System (Optional)

Millimeter-wave radar detects risks in advance, rapidly responds, and issues directional sound wave warnings to comprehensively improve road work safety.

High-Brightness Warning Light Group

Provides clear long-distance warning visibility and enhances operational visibility and safety protection in all weather conditions.



High-Strength Light Frame

The light frame is made of high-carbon steel for higher strength and more stable support. Combined with anti-tip chain design, it effectively prevents backward overturning and improves overall operational safety.

Solar Power Supply System (Optional)

The solar power system continuously supplies electricity for warning lights, lighting systems, and auxiliary electrical equipment, improving endurance, reducing fuel consumption, and supporting green energy-saving operations.



Paint Protection

The surface uses 3mm double-layer paint with an outer rubber coating to effectively prevent scratches and corrosion.

Structural Protection

The crash cushion shell is made of aluminum plate material, providing lightweight, corrosion resistance, and excellent energy absorption performance to comprehensively improve safety and durability. Rounded corner wrapping design effectively prevents chipping and scratching caused by impacts.

Side And Rear Protection

Additional side and rear guardrails help prevent vehicles from being drawn into the rear side area, adding another layer of safety.

Independent Hydraulic Lifting System

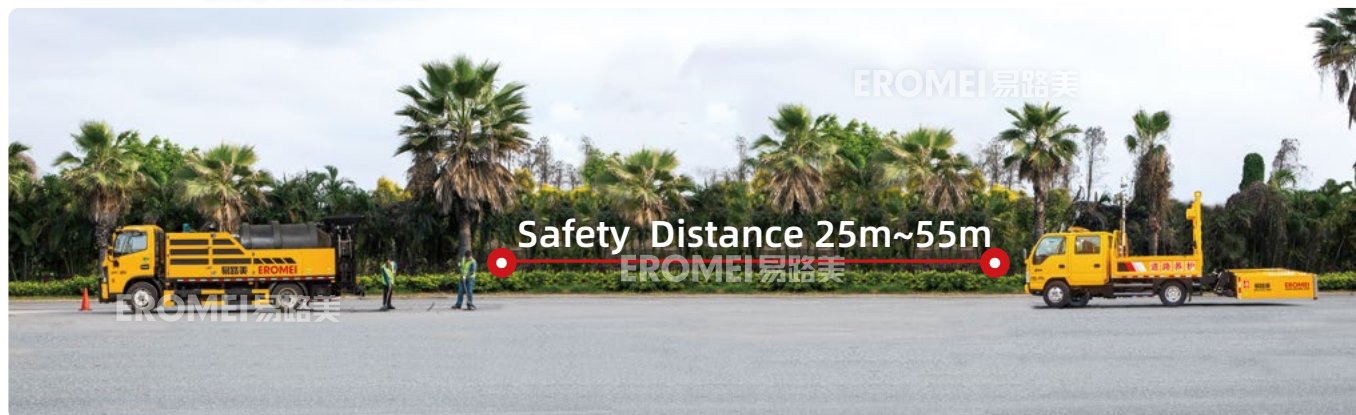
The crash cushion is raised and lowered through an independent hydraulic power station, providing more stable support, higher efficiency, and faster operation.

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YLM5044TFZ 80K Truck Mounted Attenuator Vehicle (4.5 T)



Vehicle Parameters		Crash Cushion Parameters	
Product Model	YLM5044TFZ	Crash Cushion Length	2100mm
Vehicle Dimensions (L × W × H)	5970x2310x3190mm	Crash Cushion Width	2304mm
Gross Vehicle Weight	4495kg	Crash Cushion Thickness	590mm
Curb Weight	4170kg	Operating Voltage	12V
Seating Capacity	2+3	TMA Control	In-cab control + wireless remote control
Chassis	Qingling 100P double-row cab chassis	TMA Angle	0-90°
Engine Power	96Kw/130PS	TMA Drive	Independent hydraulic power station



Safety Distance 25m~55m



Solar Power Supply System (Optional)

The solar power system continuously supplies electricity for warning lights, lighting systems, and auxiliary electrical equipment, improving endurance, reducing fuel consumption, and supporting green energy-saving operations.

Long-Bar Warning Light System (Optional)

Aerodynamic PC-material lightbar combined with high-decibel sirens provides synchronized audio and visual warning performance.

360° Lifting Lighting Lamp(Optional)

Adjustable high-intensity lighting system improves visibility and operational efficiency during nighttime roadway operations.

Intelligent Early Warning System(Optional)

Millimeter-wave radar perceives potential risks in advance, enables rapid linkage response and emits directional acoustic alarm reminders, comprehensively improving road operation safety.



High-Brightness Warning Light Group

Provides clear long-distance warning visibility and enhances operational visibility and safety protection in allweather conditions.

Directional Acoustic Speaker (Optional)

Focused sound-wave transmission technology enables long-distance directional warning capability.



3300+m

Long Wheelbase Chassis Platform

Heavy-duty chassis with wheelbase exceeding 3.3 meters improves load stability, operational reliability, and roadway performance.

Side And Rear Protection

Additional side and rear guardrails help prevent vehicles from being drawn into the rear side area, adding another layer of safety.

80k Energy Absorption Core

Aluminum honeycomb energy absorption structure validated through five 80km/h full-scale crash tests in compliance with MASH 2016 standards.

YLM5032XZMBEV

Pure Electric Emergency Rescue Lighting Vehicle



Vehicle Parameters		Crash Cushion Parameters	
Product Model	YLM5032XZMBEV	Crash Cushion Length	1100mm
Vehicle Dimensions (L × W × H)	5920×2015×2225 (mm)	Crash Cushion Width	2004mm
Gross Vehicle Weight	2900kg	Crash Cushion Thickness	652mm
Curb Weight	2575kg	Operating Voltage	12V
Seating Capacity	2+3	TMA Control	Wireless remote control
Chassis	Pure Electric Radar Horizon chassis	TMA Angle	0-90°
Engine Power	200Kw/272PS	TMA Drive	Independent hydraulic power station



Longrow Warning Light

The light bar is made of PC material, offering strong weather resistance and low wind resistance. Equipped with a high-decibel alarm, it provides synchronized visual and audible warning, enhancing safety for emergency rescue and roadside operations.



Vehicle-Mounted Lighting

The lighting system supports 360° rotation adjustment, broader illumination range, improving nighttime operation safety and efficiency



Led Warning Screen

LED warning screen uses a highbrightness display system, with longdistance visibility and strong warning effect, capable of real-time display of guidance, warnings and work prompts

Arrow Light

The arrow light uses a highbrightness LED light source design, providing strong penetration and long-distance warning effect



Pure-Electric Pickup Chassis

Built on a pureelectric pickup chassis, balancing green environmental protection with efficient operation needs Suitable for urban road patrols, emergency rescue and road maintenance in various operating scenarios

Independent Hydraulic Power Lift

The collision bumper cushion is raised and lowered by an independent hydraulic power unit, providing more stable support, with high deployment/retraction efficiency and fast speed.

60k Energy-Absorbing Core

The honeycomb aluminum structure is based on precise assembly design, providing efficient impact energy absorption buffering performance. The collision bumper cushion has passed three 60 km/h realvehicle collision tests, meeting MASH 2016 safety standards.

Truck Mounted Attenuator Application



100K Engineering Vehicle 工程车



80K Engineering Vehicle 工程车



60K Pickup Truck 皮卡车



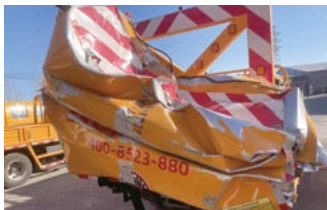
Large Truck 货车



Sprinkler 洒水车



Sweeper Truck 清扫车



YLM5120XGC Traffic Cone Collection and Deployment Truck



Product Introduction

The Traffic Cone Collection Truck is designed for highway and urban expressway construction, maintenance, and emergency operations, enabling rapid deployment, retrieval, and centralized storage of traffic cones. The system ensures consistent cone spacing and orderly placement, improving the efficiency of lane closure and reopening operations while reducing the need for personnel to exit the vehicle and minimizing operational risks in live traffic environments.

Vehicle Specifications			
Product Model Name	YLM5120XGC	Traffic cone specifications	90cm
Vehicle Dimensions (L × W × H)	8680×2500×3875 (mm)	Traffic cone storage quantity	432 units
Gross Vehicle Weight	12000kg	Minimum spacing for traffic cone deployment	2m
Curb Weight	10000,9500kg	Vehicle chassis	Dongfeng chassis
Occupancy	3	Emission standards	GB17691-2018 National VI
Minimum Work Speed	≥ 1.2km/h	Engine power/displacement	191Kw/259PS
Maximum Speed	89km/h		



Advantages

Traffic cone collection engineering vehicle can flexibly switch the collection and placement of traffic cones on both sides, and supports multiple deployment modes such as diagonal, straight, and curved lines to meet the needs of different road closure operations.

The whole vehicle can store 432 traffic cones, with placement speed as fast as 3.2 seconds per cone, minimum spacing of 2 meters, capable of completing about 2 kilometers of road cone deployment in one run, greatly improving deployment efficiency and safety.



YLM5124TFZ SCAVENGER Large Debris Clearance TMA Truck



Vehicle Parameters		Equipment parameters	
Product Model	YLM5124TFZ SCAVENGER Debris Clearance TMA Truck	Operating Width	2000mm
Vehicle Dimensions (L × W × H)	7670×2450×3995, 3775mm(excluding sweeper)	Collection Capacity	1m ³
Gross Vehicle Weight	12395kg	Machine Weight	700kg
Curb Weight	12265,12200Kg	Drive Type	Hydraulics
Seating Capacity	2, 3	Control Method	Remote control
Chassis	SINOTRUK HOWO Hohan Chassis		
Engine Power	147Kw/200HP		

SCAVENGER is developed to clear large debris on expressways. It abandons the traditional clearance mode that relies on traffic closure, and realizes non-stop road clearance without disrupting traffic.

Adopting a modular design, the equipment can be quickly installed and dismantled. Integrated with high-efficiency mechanical retrieval mechanisms and an intelligent control system, it is capable of removing obstacles like tires, metal drums and wooden boards at speeds of 5 to 80 km/h. No vehicle stopping or on-site manual intervention is needed.



清扫前



清扫后



行驶状态

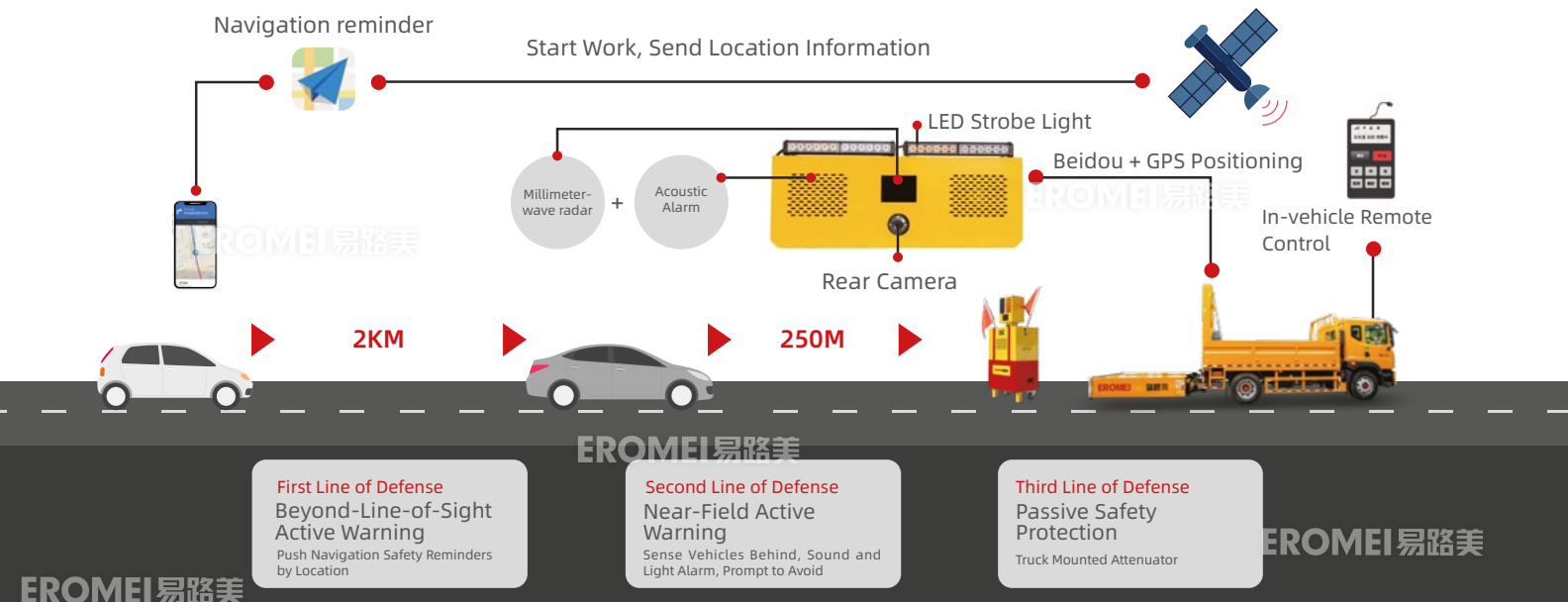


作业状态

Active Intelligent Collision Warning

The system can detect and track vehicles within 250 meters upstream of the work zone lane. When a vehicle enters this area at speeds above 60 km/h (adjustable), or exhibits risky behaviors such as lane departure or zigzag driving, the main unit issues an acoustic warning to alert drivers to change lanes in time.

If the vehicle does not change lanes and enters the 50-meter range of the lane upstream of the work site with a speed greater than 40 km/h (adjustable), the device will issue a stronger acoustic warning to upstream vehicles and simultaneously issue an early warning signal to the work site, activating the auxiliary unit (magnetic-attachment warning unit, wristband warning), alerting workers to move away in time.



■ High-Precision Positioning And Iot Technology

Integrated with high-precision map positioning algorithms, the system enables linkage between warning information and navigation systems, while supporting remote IoT-based operation and management.

■ High-Precision Long-Range Radar

Utilizing advanced technologies such as DBF digital beamforming, virtual synthetic aperture, and dual-mode short- and long-range detection, the system delivers a detection range of up to 250 m, with compact size, high sensitivity, and stable performance.

■ High-Performance Arm Processor

Integrated with high-precision maps, warning information linked with the navigation system, supporting remote IoT service management.

■ Dual High-Power Acoustic Speakers

High-decibel acoustic waves provide long-range transmission, effectively alerting drivers to pay attention to road safety.

■ Video Recording And Remote Monitoring

Real-time video monitoring of the work site allows supervision of on-site operating conditions. The system also supports video recording and enables post-event traceability for incident analysis and review.



Vehicle-mounted intelligent anti-intrusion warning system



Intrusion-prevention Smart Warning Robot

Model	YY-C01	Model	YY-D01
size	650×235×290mm (L×W×H)	size	450×280×1000mm (L×W×H)
Total weight	21Kg	Total weight	30Kg
rated power	250W	rated power	IP55
detection range	2-250m	detection range	2-250m
Detect width	15m	Detect width	15m





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