

DONGFENG

MOBILE HYDRAULIC

BEAM LIFTER

MODEL: EM94-MHBL 9M

The DONGFENG EM94-MHBL 9M Mobile Hydraulic Beam Lifter is a compact and reliable aerial work platform mounted on a robust truck chassis. It is equipped with a **Telescopic Boom System** for safe, stable and efficient high-access operations such as street light maintenance, traffic signal installation, signboard cleaning, tree trimming and other municipal works.

-  **9 METER WORKING HEIGHT**
-  **200 KG SAFE WORKING LOAD (INCLUDING OPERATOR)**
-  **360° CONTINUOUS ROTATION**
-  **HYDRAULIC STABILIZERS (4 POINTS)**
-  **DUAL CONTROL SYSTEM (MANUAL & REMOTE)**
-  **FIBERGLASS INSULATED BUCKET (2000V)**
-  **COMPACT & RELIABLE DESIGN**

**HYDRAULIC OUTRIGGERS**
Stable & Safe**TELESCOPIC BOOM**
Smooth Extension**DUAL CONTROL SYSTEM**
Manual & Remote Control
(60 ft Radius)**REAR DECK PLATFORM**
Anti-slip & Durable**TELESCOPIC BOOM**
9 METER WORKING HEIGHT**INSULATED BUCKET**
FIBERGLASS (2000V)**KEY SPECIFICATIONS**

Model	EM94-MHBL 9M
Working Height	9.0 Meters
Safe Working Load	200 KG (Including Operator)
Boom Type	Articulated Telescopic Extension Boom Type
Rotation	360° Continuous (Clockwise & Counter Clockwise)
Bucket	Fiber Glass Insulated (2000V)
Control System	Manual & Remote Control (60 ft Radius)
Outriggers	4 Hydraulic Outriggers (Front & Rear)
Deck	Rigid Non-slip Checker Plate with Hinge Type Sides
Deck Height	450 mm
Hydraulic Pump	Gear Type PTO Driven
PTO Speed	2000 RPM
Hydraulic Pressure	200 Bar

IDEAL APPLICATIONS

- ☒ Street Light Maintenance
- ☒ Signboard Installation & Cleaning
- ☒ Traffic Signal Installation
- ☒ Municipal & Industrial Maintenance
- ☒ Tree Trimming & Landscaping
- ☒ Other Aerial Maintenance Works

BUILT FOR SAFETY & PERFORMANCE

- Hydraulic arms designed for smooth operation and longer service life.
- PTO driven hydraulic pump ensures reliable power and performance.
- Advanced safety devices and controls for maximum operator protection.
- Adequate cargo space for tools, spare parts and operational materials.

DECK FEATURES

- Rigid non-slip deck with checker plates
- Deck sides of hinge type
- Deck height: 450mm

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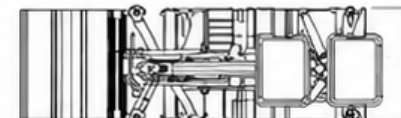
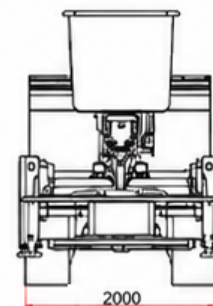
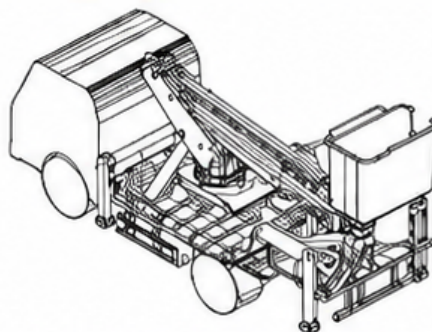
**DONGFENG**



MOBILE HYDRAULIC BEAM LIFTER 4X2 MAIN SPECIFICATIONS

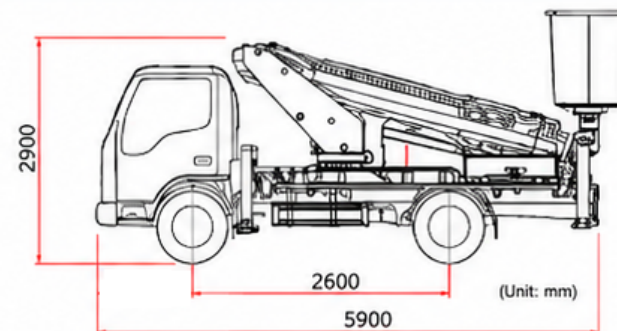
Model	: EM94-MHBL 9M
Weight	
GVW	: 5000 kg
Pay Load	: 2000 kg
CAB & Chassis Mass	: 3000 kg
Engine	
Make	: Jiangxi Isuzu Engine Co., Ltd., China
Model	: JE493ZLQ3A
Type	: Vertical inline OHV, 4 cylinder inline, 4 cycles turbocharged water cooler
Rated Power	: 73 kW @ 3600 rpm
Displacement	: 2771 cc
Maximum Torque	: 250 Nm @ 2000 rpm
Fuel Type & System	: Diesel & Direct injection
Fuel Tank	: 76 Liter
Emission Standards	: Euro III
Battery	: 12 V
Transmission	
Gear Box	: 5 forward and 1 reserve manually operated synchromesh gear with floor mounted lever
Drive	: 4x2 WD, Right Hand Drive
Steering	: Power steering
Tire, Wheel & Axle	
Tire	: 6.50 R16
Number of Tire	: 6 (Six)
Axle	: 2 (Two)
Brake	
Brakes	: Hydraulic system with ventilated disc for front wheels and dual two leading shoes for rear wheels.
Control	: Vacuum servo hydraulic, dual circuits and antilock braking system (ABS)
Parking brake	: Mechanical, internal expanding, acting on transmission output shaft.
Clutch	: Single dry plate diaphragm type with damper spring.
Suspension	: Semi elliptic laminated leaf spring with double acting shock absorber (both in front and rear).
Cabin	Folding (tilt) cabin with power jack, tempered windshield, 2 (Two) seats including driver.

DIMENSION & FEATURES



Dimension

Overall Length	: 5900 mm
Overall Width	: 2000 mm
Overall Height	: 2900 mm
Wheel Base	: 2600 mm
Ground Clearance	: 190 mm
Turning radius	: 7000 mm
Working height	: 9 m



BEAM LIFTER FEATURES

- Compact and efficient Mobile Hydraulic Beam Lifter mounted on truck chassis, suitable for municipal roads and narrow urban areas.
- Hydraulically operated aerial platform with 9-meter working height for safe and stable operation.
- Equipped with articulated telescopic extension boom type lifting system mounted on reinforced chassis.
- PTO-driven gear type hydraulic pump, 2000 RPM, operating pressure 200 bar.
- Fitted with 4 hydraulic outriggers (front and rear) for maximum stability during operation.
- Hydraulic swing system with continuous 360° clockwise and counterclockwise rotation.
- Non-fixed reinforced fiberglass bucket with nonconductive insulated structure up to 2000 volts, anti-slip floor, hand grips, and drain holes.
- Dual operating system with manual and remote controls; remote control operational within 60 feet radius.
- Suitable for street light maintenance, traffic signal work, tree trimming, signboard installation, and other aerial maintenance activities.
- Rigid anti-slip checker plate deck with hinge-type sides; deck height 450 mm. Truck platform includes additional cargo space for carrying maintenance tools, spare parts, and operational materials.

