DONGFENG MOTOR CORPORATION

BEAM LIFTER
AERIAL WORK PLATFORM

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



TELESCOPIC BOOM
9 METER WORKING HEIGHT

INSULATED BUCKET
FIBERGLASS (2000V)



HYDRAULIC OUTRIGGERS
Stable & Safe



TELESCOPIC BOOM
Smooth Extension



DUAL CONTROL SYSTEM
Manual & Remote Control
(60 ft Radius)



REAR DECK PLATFORM
Anti-slip & Durable

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
- ☑ Traffic Signal Installation
- ☑ Tree Trimming & Landscaping
- ☑ Signboard Installation & Cleaning
- ☑ Municipal & Industrial Maintenance
- ☑ 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

楚胜汽车
CHUSHENG VEHICLE

www.cs-vehicle.com

DONGFENG

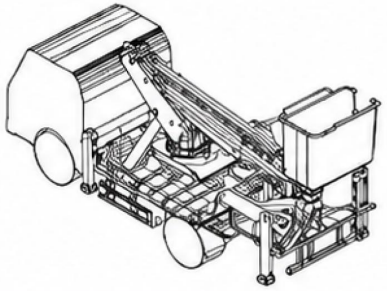
DONGFENG MOTOR CORPORATION

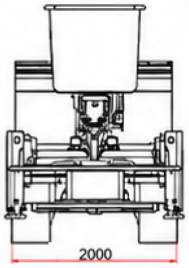
BEAM LIFTER
AERIAL WORK PLATFORM

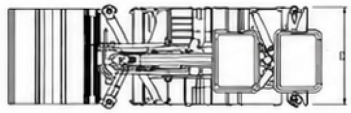
MOBILE HYDRAULIC BEAM LIFTER 4X2 MAIN SPECIFICATIONS

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.

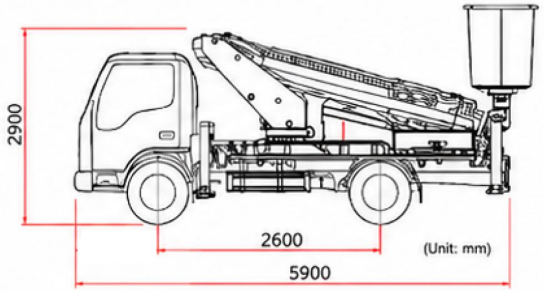
DIMENSION & FEATURES







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.