LFADJ

LUMTA by LFADJ
Mobile Lighting & Power

MODEL 4LT1600M7CC186 · TRAILER HAND-CRANK MOBILE LIGHT TOWER

4LT1600M7CC186 Hand-Crank Diesel Light Tower

CORE CONFIGURATION
Changchai 186F air-cooled diesel genset 6 kW + 4 × 400 W LED + 7 m galvanized hand-crank mast

A compact, towable light tower for construction sites, roadworks, mines and emergency response. A brand-name 186F diesel engine drives a 6 kW brushless alternator. Four LED floodlights rise to 7 m on a four-section galvanized mast with a self-braking hand winch, and the 35 L tank runs up to 28 hours.



7 m
Hand-crank mast, 4 sections

4 × 400 W
LED floodlights

28 h
Continuous run, 35 L tank

550 kg
Towable on 13" tyres

Technical Specifications

Model	4LT1600M7CC186
Engine	186F diesel, single cylinder, air-cooled
Engine brand	Changchai
Rated power	6 kW
Frequency / speed	50/60 Hz · 3,600 rpm
Alternator	Brushless, single-phase, H class
Rated voltage	230 V
Output socket	1 × 230 V 10 A
Fuel tank	35 L
Continuous run	28 h
Lamps	4 × 400 W LED floodlights

Mast	7 m, 4-section galvanized (9 m optional)
Lifting	Hand crank, vertical, self-braking winch
Stabilizers	3 legs, manual adjustment
Inclination	< 10°
Wind resistance	< Beaufort 8
Axle & brakes	Hexagonal rubber torsion axle, no brakes
Tyres	13 inch
Length	2,180 mm (1,160 mm, tow bar off)
Width	1,130 mm
Height (transport)	2,700 mm (2,300 mm, top lamp pair off)
Weight	550 kg

Key Features

Brand-name power
Changchai 186F single-cylinder air-cooled diesel, 6 kW, 3,600 rpm. Simple to service anywhere.

Self-braking hand winch
Raise and lower the mast by hand. The winch holds the mast at any height, with no power needed.

Galvanized 4-section mast
Anti-drop, corrosion resistant. 7 m lifting height, adjustable lamp angle.

Three stabilizer legs
Manual outriggers keep the tower stable in winds below Beaufort 8.

Integrated control panel
All lights and sockets on one panel, with a rain cover and waterproof aviation plugs.

Long run time
35 L tank for up to 28 hours of continuous lighting, a full night shift and more.

Product Photos


LED lamps lit at 7 m


Mast fully raised


186F engine & 35 L tank


Colour to order

Configuration

Standard
- Telescopic tow bar with guide wheel
- 4 × 400 W LED floodlights
- Canopy dust cover
- Galvanized tow bar & stabilizer legs
- Two 13" rubber tyres
- Self-braking hand winch
- 4-section galvanized mast
- Waterproof aviation plugs
- Integrated light control panel with rain cover

Optional
- 4 × 1000 W metal halide lamps
- 200 W LED lamps
- 400 W metal halide lamps
- 500 W halogen lamps
- Balloon light
- 2 / 3 / 4 lamp heads
- 9 m mast

Applications

Construction sites · Road & rail works · Mining & quarries · Emergency & rescue · Events & venues · Ports & yards

Kate · Sales Manager
Tel / WhatsApp: +86 157 2687 0335
sales@lfadjlight.com · golumta.com
Wanzeqian Village, Tiancheng Subdistrict, Yueqing, Wenzhou, Zhejiang, China

Scan to chat on WhatsApp