



**GROVE**<sup>®</sup>  
**MANLIFT**<sup>®</sup>

A GROVE WORLDWIDE COMPANY

**MZ46C**  
**MZ46CXT**

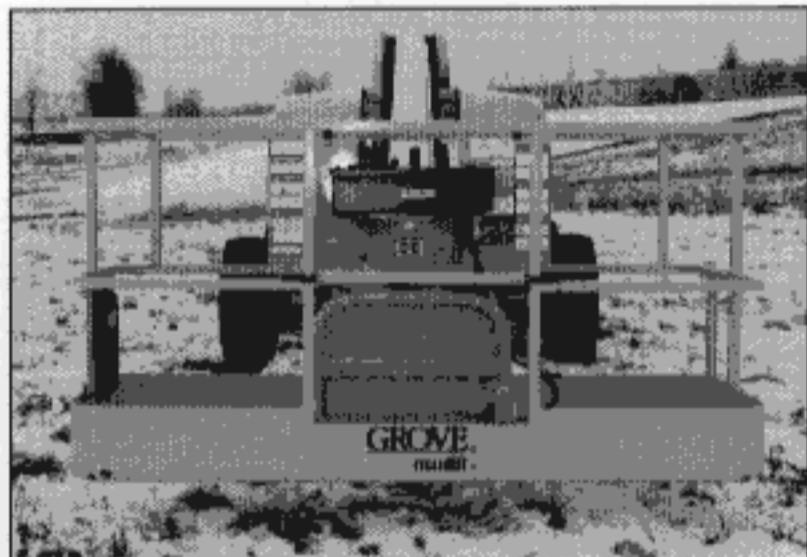
**Self Propelled Aerial Work Platforms**



**B**ig performance does come in small packages with the MZ46C from Grove Manlift! The MZ46C offers compact dimensions and low GVW for ease of transportation. The MZ46C is built construction tough to tackle the most demanding jobs.

#### Check these features!

- 46 ft. (14.02 m) working height
- Industry leading 34 ft. (10.4 m) horizontal reach
- Unrestricted platform capacity of 500 lbs. (227 kg).
- Proportional controls with "ramp to zero" for smooth operation.
- All steel boom featuring the exclusive Grove V-trap design.



*Optional 36 x 94 in. (.91 x 2.4 m) platform provides 23.5 square feet (2.2 m<sup>2</sup>) of work space.*

#### Standard equipment

##### Platform

All-welded 36 x 72 in. (0.91 x 1.8 m) tubular steel end mounted work platform assembly with inside handrails, sliding bar gate and 180° hydraulic platform rotator. 44 in. (1.12 m) high railings with 6 in. (0.15 m) toeboard.

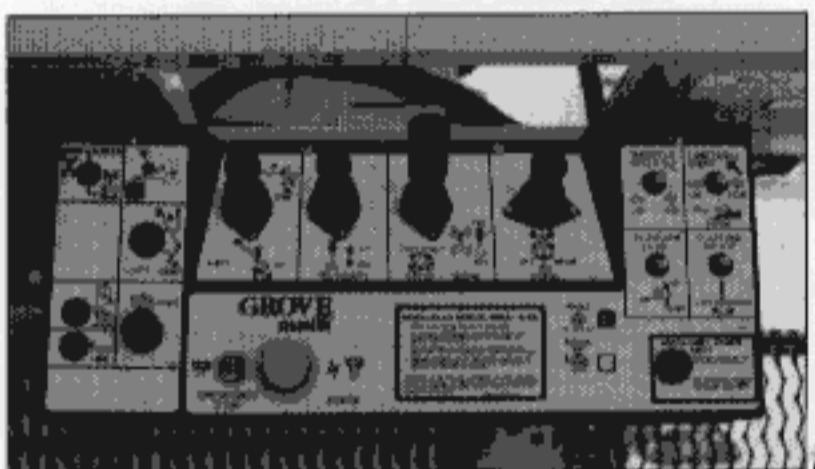
110V AC wiring to platform with ground fault interruptor, plug and junction box on turntable, and two outlets on platform.

#### Controls

Upper control panel features proportional joystick controllers with adjustable "ramp to zero" for drive, lift, telescope and swing. Drive controller features rocker type thumb steer switch for convenient one-handed operation.

Non-proportional control switches for platform level and platform rotate. Selection switches for function speed and high/low engine idle. Control enable system\* with foot pedal and indicator light.

Push buttons for auxiliary power, engine start, choke, emergency stop and driving horn. Boom cable back-up light.



*Proportional controls with ramp through zero provide smooth machine functions.*

Lower control panel features non-proportional control switches for lift, telescope, swing, platform level and platform rotate. Selection switches for lower/upper controls, and auxiliary power. Also included are a voltmeter, hourmeter and ignition switch.

Lockable master power disconnect switch.

#### Boom

All-steel 2-section boom with extension by a single stage, double-acting hydraulic cylinder with integral load-holding valve.

External boom power guide routes hydraulic and electric lines to the platform.

Double-acting lift cylinder with integral load-holding valve elevates the boom.

Ball bearing swing circle with 360° continuous superstructure rotation. Hydraulically driven worm gear gearbox. Plunger-type mechanical house lock.

## Specifications

## MZ46C/MZ46CXT

### Platform:

Working Height	46 ft. (14 m)
Platform Height	40 ft. (12.1 m)
Horizontal Reach	34 ft. (10.4 m)
Platform Capacity	500 lbs. (227 kg)

### Dimensions:

Platform Size (Steel)	36 x 72 in. (0.91 x 1.8 m)
Overall Height (Stowed)	7 ft. 9 in. (2.36 m)
Overall Length	25 ft. 1-5/16 in. (7.57 m)
Overall Width	7 ft. 10 in. (2.39 m)
Wheelbase	8 ft. (2.44 m)
Turning Radius Outside (2W)	15 ft. (4.57 m)
Ground Clearance	10 in. (0.25 m)

### Performance:

Speed	
2 Wheel Drive	4.0 mph (6.43 kph)
4 Wheel Drive	3.5 mph (5.6 kph)
Gradeability (Theoretical)*	
2 Wheel	30%
4 Wheel	50%
Tire Size	12 x 16.5 Loader Lug
Tire Fill	Air

### Power Source:

Engine Make/Model	Ford LRG423
Engine Horsepower	60 hp (44.7 kW)
Fuel Tank Capacity	25 gal. (95 litres)

### Hydraulics:

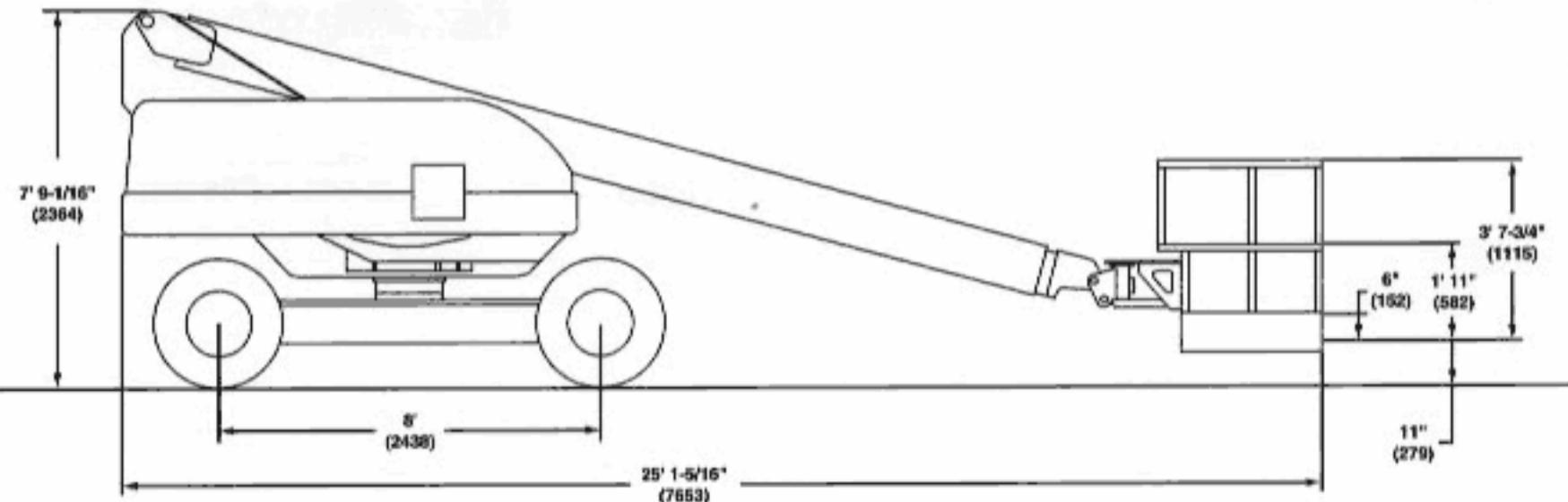
Reservoir Capacity	24 gal. (90.8 litres)
Hydraulic Pump Type	Axial Piston
Auxiliary Power	Std.

### Shipping Information: MZ46C MZ46CXT

Weight	12,900 lbs. (5851 kg)	13,700 lbs. (6214 kg)
Shipping Cube	1,508 cu. ft. (42.7 m <sup>3</sup> )	1,508 cu. ft. (42.7 m <sup>3</sup> )

\* Published machine gradeability is theoretical. Machine to be in a stowed driving position. Always operate machine on a firm, level surface when elevated.

## MZ46C



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## **MZ46C/MZ46CXT**

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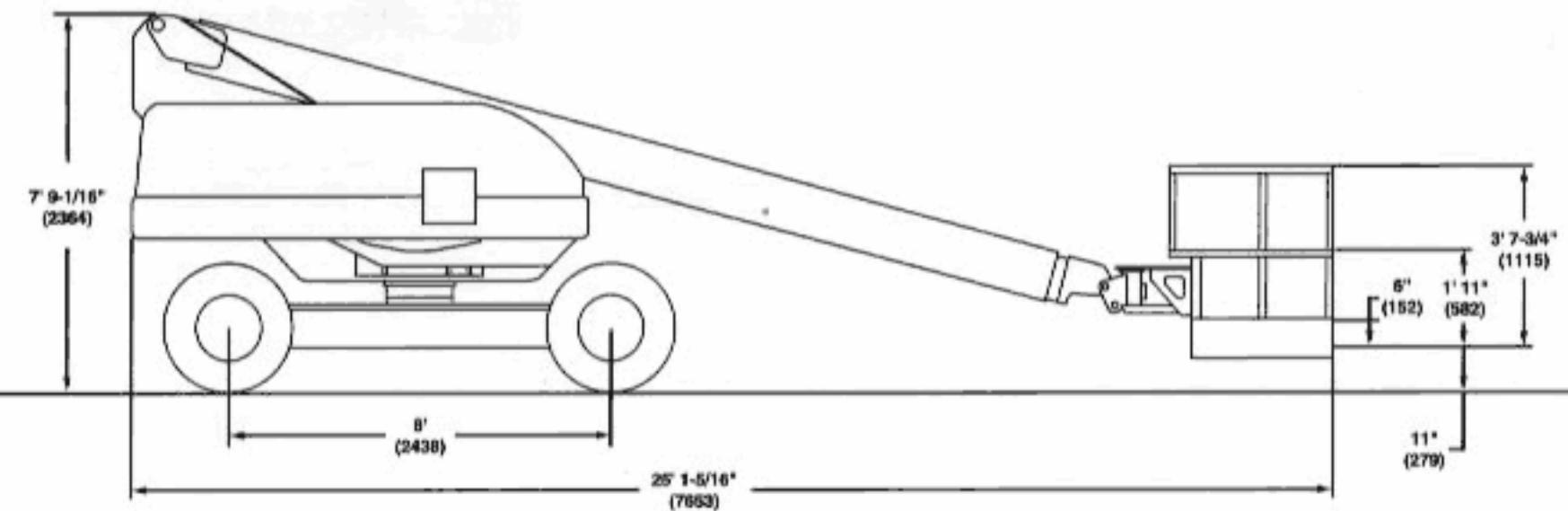
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## **RANGE DIAGRAM**

