Platform heights - 80 and 86 ft. (24.4m & 26.2m)
Narrow working width plus low GVW
Unbeatable performance
Great Serviceability
Introducing the T80 and T86J.
Two new innovative designs that get the job done quicker and easier with superb performance. Choose from the straight boom T80 or the T86J with standard articulating jib for extra versatility.

No Operator Set-up and Increased Job Site Access
The exclusive interactive counterweight system provides a narrow, lightweight machine plus excellent boom working range.
- Optimizes weight placement at all boom angles
- Eliminates the need for extendable axles and job site set-up
- Significantly reduces gross vehicle weight
- Mechanical system is reliable and easy to maintain

Easier to Use
The T80 and T86J are designed to facilitate operator confidence and training.
- New ergonomic upper control station features “user friendly” layout with color coded symbols and text on a high visibility white panel
- Smooth proportional controls for drive and boom functions with adjustable ramp-to-zero
- Super-flex Buss control system allows quick adjustment of function parameters to individual operator preferences
- Soft-stop boom prevents jarring stops at full elevation

Unbeatable Performance
Both the T80 and T86J are designed for maximum performance and productivity.
- Competitive boom cycle speeds and true multi-function capability - full elevation in less than 60 seconds!
- Full time four wheel drive
- 4 mph drive speed
- Standard four wheel crab and coordinated steer
- Gradeability (theoretical) up to 50%
- Powerful 85 hp water cooled Cummins diesel engine
- Optional oscillating axle with locking cone design prevents 3-wheeled operation

Innovative Styling. Great Serviceability
Eye catching, yet practical, styling combines mechanic friendly features with a bold look.
- Larger fiberglass gull-wing doors with gas struts provide easy access for routine maintenance
- Super-flex control system provides on-board diagnostics for faster troubleshooting
- Consolidated valve bank places all valves in one easy to access location
- Heavy-duty steel powerbridge has individually replaceable links
- Exclusive vierendeel embossed V-trap boom allows visual inspection of internal boom components

Standard Features
- 36 x 94 in. steel platform with swing gate, inside hand rails and platform rotator
- 110 VAC receptacle with GFI in the platform
- All motion and tilt alarms
- Patented control enable system
- 360° continuous superstructure rotation
- 12 volt DC auxiliary power
- Lifting and tie down lugs
- Pump enable system
**T80**

**Platform**
- Working Height: 86 ft. (26.2 m)
- Platform Height: 80 ft. (24.4 m)
- Horizontal Reach: 70 ft. (21.34 m)
- Platform Capacity: 600 lbs. (272 kg)

**Dimensions**
- Platform size (Steel): 36 in. x 94 in. (0.91 x 2.38 m)
- Overall Height (Stowed): 9 ft. 7 in. (2.9 m)
- Overall Length: 40 ft. (12.2 m)
- Overall Width: 8 ft. 6 in. (2.59 m)
- Wheelbase: 10 ft. (3.0 m)
- Ground Clearance: 1 ft. (0.30 m)

**Power Source**
- Engine: Cummins Diesel @ 85hp
- Fuel Tank Capacity: 35 gal. (132.4 L)

**Performance**
- Lift speed: 55 sec.
- Drive Speed: 4.0 mph (6.44 kph)
- Gradeability (Theoretical)*: 50%
- Tire Size: 385/65D 22.5
- Tire Fill: Pneumatic
- Turning Radius Inside (4WS): 7 ft. 4 in. (2.23 m)
- Turning Radius Outside (4WS): 15 ft. 1 in. (4.59 m)

**Hydraulics**
- Reservoir Capacity: 45 gal. (170.3 L)
- Hydraulic Pump Type: Piston
- Auxiliary Power: 12VDC

**Shipping Information**
- Gross Vehicle Weight: 34,000 lbs. (15,422 kg)
- Shipping Cube: 3,230 ft.² (91.46 m²)

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

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**T86J**

**Platform**
- Working Height: 92 ft. (28 m)
- Platform Height: 86 ft. (24.62 m)
- Horizontal Reach: 76 ft. (23.16 m)
- Platform Capacity: 500 lbs. (227 kg)

**Dimensions**
- Platform size (Steel): 36 in. x 94 in. (0.91 x 2.38 m)
- Overall Height (Stowed): 9 ft. 7 in. (2.9 m)
- Overall Length: 40 ft. (12.2 m)
- Overall Width: 8 ft. 6 in. (2.59 m)
- Wheelbase: 10 ft. (3.0 m)
- Ground Clearance: 1 ft. (0.30 m)

**Power Source**
- Engine: Cummins Diesel @ 85hp
- Fuel Tank Capacity: 35 gal. (132.4 L)

**Performance**
- Lift speed: 55 sec.
- Drive Speed: 4.0 mph (6.44 kph)
- Gradeability (Theoretical)*: 50%
- Tire Size: 385/65D 22.5
- Tire Fill: Pneumatic
- Turning Radius Inside (4WS): 7 ft. 4 in. (2.23 m)
- Turning Radius Outside (4WS): 15 ft. 1 in. (4.59 m)

**Hydraulics**
- Reservoir Capacity: 45 gal. (170.3 L)
- Hydraulic Pump Type: Piston
- Auxiliary Power: 12VDC

**Shipping Information**
- Gross Vehicle Weight: 37,100 lbs. (16,827 kg)
- Shipping Cube: 3,230 ft.² (91.46 m²)
Product Protection Plan

One-year parts warranty
One-year labor warranty
Seven-year structural warranty

In addition to cutting-edge equipment and innovative features, Grove Manlift® offers a comprehensive product protection plan. Under the plan, all new Grove Manlift® aerial work platforms are warranted to be free from defects in material and workmanship for one full year. All structural components—including risers, booms, masts, turntables, and frames—are covered for seven years.* Get the Grove Manlift® Product Protection Plan today!

*See warranty information for any limitations or restrictions that may apply.

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