

T-3100/3300

Insulated or Non-Insulated 31' and 33' Telescopic Aerials

VERSALIFT

- *Insulated When Fully Retracted*
- *Up to 400 Pound Platform Capacity*
- *180° Platform Rotation*
- *Continuous 360° Rotation*
- *Up to 23' 10" Side Reach*
- *Up to 38' Working Height*
- *Painted Prior to Assembly*
- *Dual Pin Retention*
- *Non-lube Bearings*
- *Torque Stripes on Critical Fasteners*

*Patented
VERSALIFT
ElectroGuard*



T-3100/3300

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GENERAL SPECIFICATIONS

(Based on 36 in. Frame Height)

	T-3100	T-3300
Horizontal Reach	21 ft. 10 in. (6.7 m)	23 ft. 10 in. (7.3 m)
Standard Rated Platform Capacity	350 lbs. (160 kg)	350 lbs. (160 kg)
Maximum Rated Platform Capacity	400 lbs. (182 kg)	350 lbs. (160 kg)

STANDARD PEDESTAL

	T-3100	T-3300
Platform Height	31 ft. (9.4 m)	33 ft. (10.1 m)
Working Height	36 ft. (11.0 m)	38 ft. (11.6 m)
Stowed Travel Height	9 ft. 10 in. (3.0 m)	9 ft. 10 in. (3.0 m)
Weight of Lift	2200 lbs. (1000 kg)	2240 lbs. (1020 kg)

HYDRAULIC SYSTEM

	T-3100	T-3300
Operating Pressure	2000 psi (141 kg/cm ²)	2000 psi (141 kg/cm ²)
Flow Rate	6 gpm (22.7 lpm)	6 gpm (22.7 lpm)
Filtration	10 Micron Return	10 Micron Return
.....	100 mesh Suction	100 mesh Suction
System Type	Open Center	Open Center
Power Source Option	PTO Pump	PTO Pump

BOOM ACTION

	T-3100	T-3300
Outer/Inner Boom Travel	-25° to +85°	-25° to +85°
Inner Boom Extension	103 in. (2.62 m)	103 in. (2.62 m)
Rotation	360° Continuous	360° Continuous
Upper Boom Insulation Gap (T-3100/3300-I Only)		
Fully Retracted	38 in. (0.97 m)	38 in. (0.97 m)
Fully Extended	134.5 in. (3.42 m)	146.5 in. (3.72 m)

FEATURES

CONTROLS: Individual full pressure hydraulic controls at platform and turret, with a tool selector control located at the upper controls (standard on insulated units). Positive override at lower station. Control for hydraulic platform rotator at upper station only.

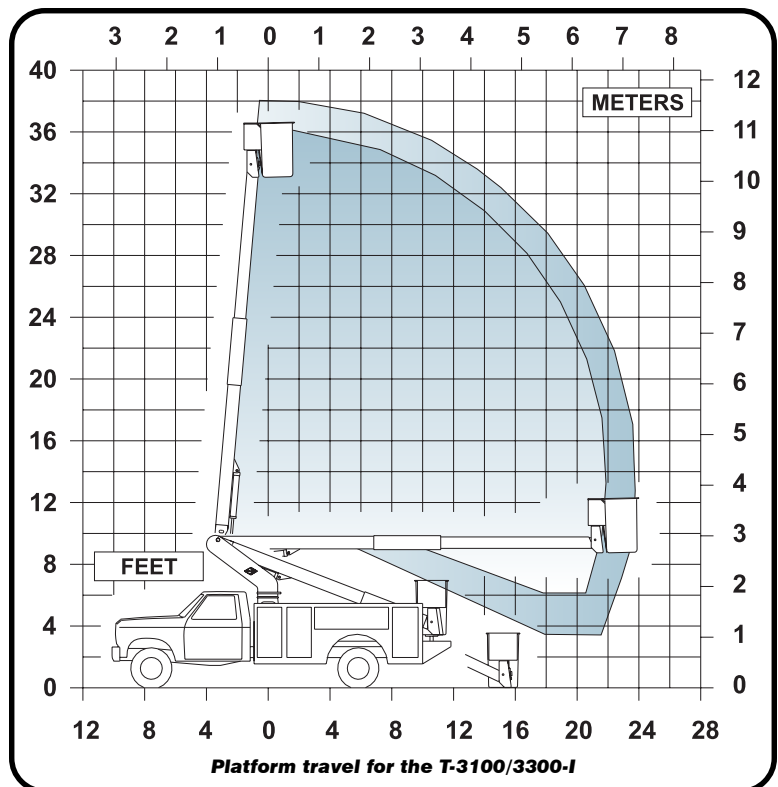
PLATFORM: The standard fiberglass platform is 24 in. x 24 in. x 42 in. (0.61 m x 0.61 m x 1.07 m) with an inside and outside step for easy access. A hydraulic platform rotator, operated by a control lever, rotates the platform 180° from one side of the outer/inner boom assembly, across the end-hung position, to the other side of the outer/inner boom assembly.

HYDRAULIC SYSTEM: The open center hydraulic system operates at 2000 psi (141 kg/cm²) at 6 gpm (23 lpm). Sight gauges are furnished for checking fluid levels.

MECHANICAL SYSTEM: Rotation is continuous and unrestricted in either direction, activated by hydraulically driven worm and spur gears with shear ball rotation bearing. Turret top plate and mast plate are machined to provide a flat surface to support the rotation bearing. Non-lube bearings are used at all points of boom motion.

ELECTRICAL INSULATION (T-3100/3300-I Only): The upper boom is tested and certified as Category C, 46 KV and below, in accordance with ANSI A92.2.1990 requirements.

OPTIONS: Following are some options available: "Unitrol" single stick controls; outriggers or torsion bar; emergency power; two-speed manual throttle; tool power at the ground controls; dual hydraulic tool outlets at the platform; and several platform and capacity variations.



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Notes: 1. Figures are based on a 36 in. (0.91 m) frame height. 2. Travel height may vary with chassis, pedestal, and mounting location or configuration. 3. The total load in the platform(s) including operator, liner, tools, etc., must not exceed the maximum platform capacity.