



VST-5000/5500/6000

*Articulated/Telescopic Aerials
with Optional Material Handling*



FEATURES INCLUDED IN THE VST

PLATFORM DESIGN & ROTATION

Decrease truck setup time, while allowing operators to position themselves more easily by taking advantage of the VST's 180° platform rotation. The side-by-side boom configuration and outer boom articulation gives the operator ground access to the platform from the rear, sides, or front of the truck.

GREATER WORKING HEIGHTS

Achieve working heights up to 55 ft when mounted on a 84 in. cab to axle chassis. Reach even greater heights, up to 65 ft of working height, when mounted on a 102 in. cab to axle chassis.

COMPENSATED BOOMS

A compensation link allows the upper boom to maintain a constant angle relative to the ground as the lower boom is articulated. This allows the operator to reach the work position more efficiently.

FACTORY STANDARD SAFETY FEATURES

The upper boom insulation gap, which meets ANSI A92.2 dielectric requirements, is maintained when the inner boom is fully retracted. The lower boom insert (chassis insulating system), which provides a 24 in. insulation gap, is standard on all units.

MINIMAL MAINTENANCE

Designed for extremely low maintenance with non-lube bearings used at all points of motion. These non-lube bearings are warranted for the life of the machine. The only required lubrication is the rotation bearing and the extension chain. There is no mandatory overhaul period as long as the periodic inspections are performed.

OPTIONAL JIB AND WINCH

A material handling jib and winch with up to 1,000 lbs. capacity is provided at the platform. The jib is designed to maintain a constant angle relative to the platform during boom travel. In addition, full hydraulic jib articulation and extension are available.

HYDRAULIC PLATFORM LEVELING

Hydraulic platform leveling, with controls at both the pedestal and platform, provide for simplified clean out and easy removal of an injured operator.

BRIDGE LAW CONSIDERATIONS

A stowed travel height of 11 ft. 11 in. and the ability to stow the basket and options within the confines of the body, makes the VST an extremely compact lift that easily meets all federal bridge law regulations.



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GENERAL SPECIFICATIONS

	VST-5000	VST-5500	VST-6000
Horizontal Reach	36 ft. 8 in. (11.2 m)	37 ft. 11 in. (11.6 m)	39 ft. 3 in. (12.0 m)
Maximum Platform Capacity	600 lbs. (272 kg)	600 lbs. (272 kg)	600 lbs. (272 kg)
Lower Boom Lift Eye Capacity	1000 lbs. (455 kg)	1000 lbs. (455 kg)	1000 lbs. (455 kg)

STANDARD PEDESTAL

(Based on 40 in. (1.01 m) Frame Height)

Height to Bottom of Platform	49 ft. 8 in. (15.1 m)	55 ft. 3 in. (16.8 m)	60 ft 1 in. (18.3 m)
Working Height	54 ft. 8 in. (16.7 m)	60 ft. 3 in. (18.4 m)	65 ft.1 in. (19.8 m)
Stowed Travel Height	11 ft. 11 in. (3.6 m)	11 ft. 11 in. (3.6 m)	11 ft. 11 in. (3.6 m)
Weight of Lift with Outriggers	6750 lbs (3062 kg)	8400 lbs. (3810 kg)	8600 lbs. (3900 kg)

..... VST-5500 and 6000 models require subframe assembly.

HYDRAULIC SYSTEM

Operating Pressure	2250 psi (158 kg/cm ²)	2250 psi (158 kg/cm ²)	2250 psi (158 kg/cm ²)
Flow Rate	7.5 gpm (28 lpm)	7.5 gpm (28 lpm)	7.5 gpm (28 lpm)
Filtration	10 micron return	10 micron return	10 micron return
.....	100 mesh suction	100 mesh suction	100 mesh suction
System Type	Open Center	Open Center	Open Center
Power Source	PTO Pump	PTO Pump	PTO Pump

BOOM ARTICULATION

Outer Boom Articulation	-25° to +85°	-25° to +85°	-25° to +85°
Inner Boom Extension	141 in. (3.58 m)	141 in. (3.58 m)	141 in. (3.58 m)
Lower Boom Articulation	0° to 92°	0° to 92°	0° to 89°

INSULATION GAPS

Upper Boom Fully Retracted	38 in. (1.0 m)	51 in. (1.3 m)	38 in. (1.0 m)
Lower Boom	24 in. (0.6 m)	24 in. (0.6 m)	24 in. (0.6 m)

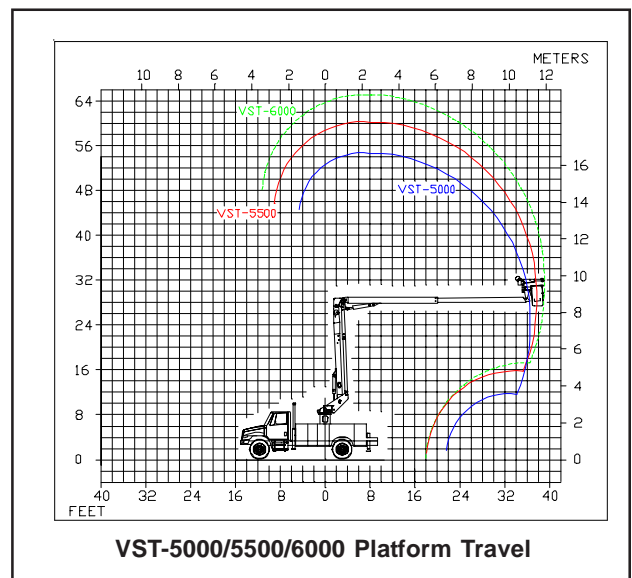
W/ MATERIAL HANDLING OPTION

Winch Capacity	1000 lbs. (455 kg)
Jib Articulation	160° (manual) to 200° (hydraulic) relative to the upper boom

NOTE: 1. Specifications may vary without prior notification.
2. Required GVWR can vary significantly with chassis, lift mounting location, service body, accessories, and desired payload.

Options

- Auxillary Outriggers
- Second Set of Tool Power Ports
- Lifting Eye
- 6 in. Taller Pedestal
- Emergency Power
- Material Handling Jib and Winch
- Material Handling Jib & Winch with Hydraulic Extension and Articulation
- Two-Speed Manual Throttle Control




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Specifications subject to change without prior notification.
Contact TIME Manufacturing's Distributor Network for additional information.