

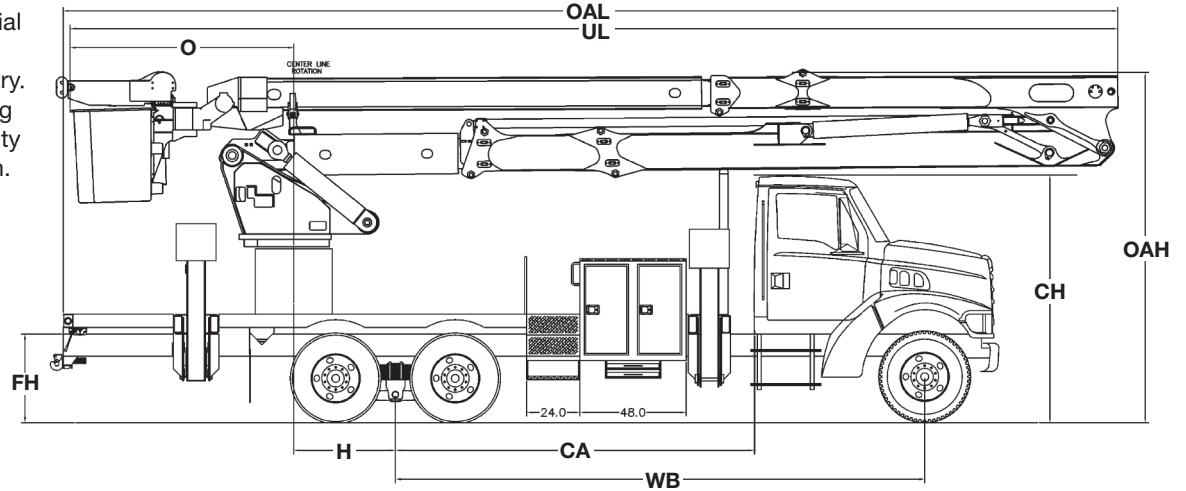


# TEREX®

## LINESMAN SERIES Hi-Ranger Non-Overcenter, Telescopic Material Handling Aerial Device

### AERIAL DEVICES

Terex® Hi-Ranger Aerial Devices are known throughout the industry. They come with a long history featuring quality and innovative design.



Measurements	TM85	TM105	TM125
	ORA	ORA	ORA
Typical Frame Height (FH)	44 in. (111.8 cm)	44 in. (111.8 cm)	44 in. (111.8 cm)
Typical Cab Height (CH)	112 in. (284.5 cm)	112 in. (284.5 cm)	112 in. (284.5 cm)
Offset (O)	105 in. (266.7 cm)	100 in. (236.2 cm)	78 in. (198.1 cm)
Overall Height (OAH)	13' 1" (4.0 m)	13' 1" (4.0 m)	13' 2" (4.0 m)
Overall Length (OAL)	35' 6" (10.8 m)	39' 6" (12.1 m)	39' 9" (12.1 m)
Unit Length (UL)	35' 6" (10.8 m)	39' 4" (12.0 m)	39' 9" (12.1 m)
Center of Rotation (H)	52 in. (132 cm)	52 in. (132 cm)	52 in. (132 cm)
Cab to Axle (CA)	150 in. (381 cm)	168 in. (426.7 cm)	168 in. (426.7 cm)
Wheel Base (WB)	226 in. (574 cm)	244 in. (619.8 cm)	244 in. (619.8 cm)
Front Axle (FA)	16,000 lb. (7,257 kg)	18,000 lb. (8,165 kg)	20,000 lb. (9,072 kg)
Rear Axle (RA)	34,000 lb. (15,422 kg)	34,000 lb. (15,422 kg)	34,000 lb. (15,422 kg)
Gross Vehicle Weight Rating (GVWR)	50,000 lb. (22,680 kg)	52,000 lb. (23,587 kg)	54,000 lb. (24,494 kg)
Recommended Weight for Stability	44,000 lb. (19,950 kg)	48,000 lb. (21,772 kg)	48,000 lb. (21,772 kg)
Frame Section Modulus	24.0 in <sup>3</sup>	24.0 in <sup>3</sup>	24.0 in <sup>3</sup>
Frame Yield Strength	80,000 psi	80,000 psi	80,000 psi
Frame RBM	1,900,000 in-lbs	1,900,000 in-lbs	1,900,000 in-lbs



### TEREX®

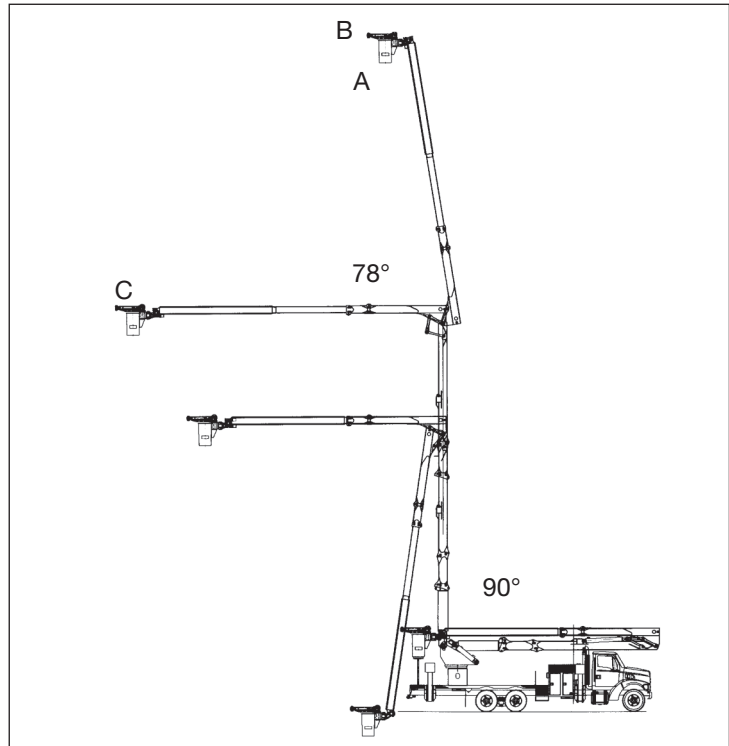
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### STANDARD EQUIPMENT

- End-Mount 31" x 60" x 42" D-Shaped Platform
- Platform Capacity up to 800 lb (362 kg)
- Control-Plus 4-Function Single Stick Control at Platform
- Safety Harness with Attached Lanyard
- Hydraulic Platform Rotator
- Continuous Unrestricted Planetary Rotation
- Category "C" Rating Per ANSI A92.2
- Rectangular, Bi-Axial Epoxy Resin, Filament Wound Fiberglass Booms
- Individual Lever Lower Controls
- Hydraulic Platform Tilt at Upper and Lower Controls
- Hydraulic/Electric Platform Leveling System
- 63° of Elevation Above Horizontal
- 168° of Upper Boom Articulation
- 90° of Lower Boom Articulation
- Pilot-Operated, Closed-Center Load Sensing Hydraulic System
- 2-Speed Engine Throttle at Upper Controls
- Dual Lower and Upper Boom Cylinders
- 70 Gallon Hydraulic Oil Reservoir
- Padded Upper Boom Rest with Tie Down
- Lower Boom Rest with Tie Down
- Boom Interlock
- Moving Outrigger Alarm
- Truck Level Indicator
- Manual Boom Let Down System



### CAPACITIES & DIMENSIONAL DATA (Based on a 40 Inch Frame Height)

MODEL	A	B	C
	Bottom of Platform Height	Working Height	Side Reach
TM85	82.0 ft (25.0 m)	87.0 ft (26.5 m)	47.0 ft (14.3 m)
TM105	100.0 ft (30.5 m)	105.0 ft (32.0 m)	51.0 ft (15.5 m)
TM125	120.0 ft (36.6 m)	125.0 ft (38.1 m)	52.0 ft (15.8 m)

### OPTIONAL EQUIPMENT

- Various Platforms
- Various Platform Covers
- Liners With or Without Steps
- Jib Options
  - Top Mounted, Hydraulic Articulating 0 to 90 Degree Jib And Winch
  - Hydraulic Extension
  - Levels with Platform
  - Single Wire / 46 Kv Insulated Single Line Lifter / Multi-Phase Attachments
- Category "A" or "B" Rating Per ANSI A92.2 up to 500 Kv
  - \*765 Kv Rating Available on the TM105 & TM125. Side reach and operating height are reduced 3 feet with this option
- Automatic Upper Boom Latch
- Hydraulic Tool Outlets
- Engine Stop/Start
- Auxiliary Power
- Boom Overstow Protection
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp