

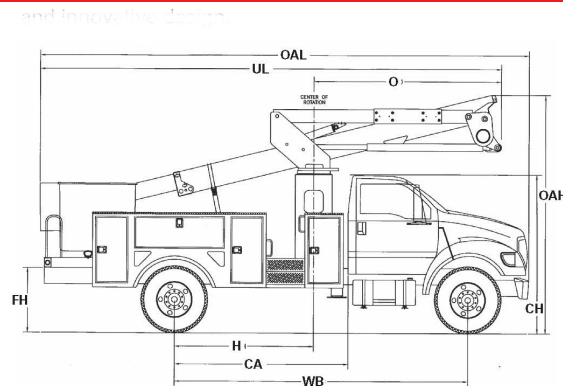


TEREX®

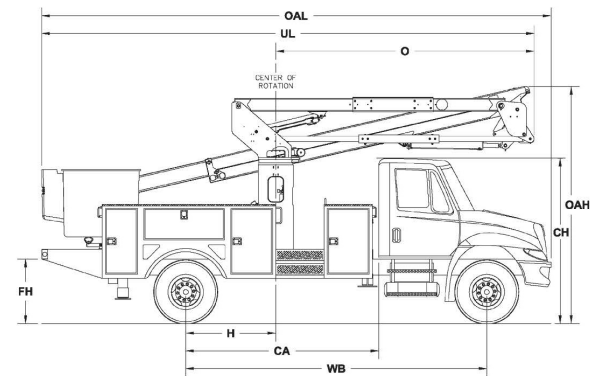
TL SERIES Hi-Ranger Telescopic Material Handling Aerial Device

AERIAL DEVICE

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



TL41-TL50



TL55-TL60

Measurements	TL41		TL45		TL50		TL55		TL60	
	END MOUNT	SIDE MOUNT	END MOUNT	SIDE MOUNT	END MOUNT	SIDE MOUNT	END MOUNT	SIDE MOUNT	END MOUNT	SIDE MOUNT
Typical Frame Height (FH)	32 in. (81.3 cm)		40 in. (101.6 cm)		40 in. (101.6 cm)		40 in. (101.6 cm)		40 in. (101.6 cm)	
Typical Cab Height (CH)	86.2 in. (219 cm)		104 in. (264 cm)		104 in. (264 cm)		104 in. (264 cm)		104 in. (264 cm)	
Offset (O)	87 in. (221cm)		114.6 in. (291.1 cm)		114.6 in. (291.1 cm)		161 in. (408.9 cm)		200 in. (508 cm)	
Overall Height (OAH)	11' 1" (3.38 m)		12' 5" (3.78 m)		12' 5" (3.78 m)		12' 7" (3.84 m)		12' 7" (3.84 m)	
Overall Length (OAL)	25' 11" (7.9 m)	24' 4" (7.41 m)	23' 1" (7.04 m)	22' 6" (6.86 m)	24' 8" (7.52 m)	24' 0" (7.32 m)	26' 3" (8.0 m)	25' 10" (7.87 m)	27' 2" (8.28 m)	26' 6" (8.07 m)
Unit Length (UL)	19' 6" (5.94 m)		20' 2" (6.14 m)		24' 3" (7.39 m)		25' 6" (8.1 m)	25' 0" (7.6 m)	27' 3" (8.3 m)	26' 9" (8.2 m)
Center of Rotation (H)	50 in. (127 cm)		62.5 in. (158.8 cm)		82.25 in. (208.9 cm)		56 in. (142.2 cm)		37 in. (94 cm)	
Cab to Axle (CA)	84 in. (213.4 cm)		84 in. (213.4 cm)		102 in. (259.1 cm)		120 in. (304.8 cm)		120 in. (304.8 cm)	
Wheel Base (WB)	165 in. (419.1 cm)		158 in. (401.3 cm)		176 in. (447 cm)		187 in. (475 cm)		187 in. (475 cm)	
Front Axle (FA)	7,500 lb. (3,402 kg)		10,000 lb. (4,536 kg)		12,000 lb. (5,443 kg)		14,000 lb. (6,350 kg)		14,000 lb. (6,350 kg)	
Rear Axle (RA)	15,500 lb. (7,030 kg)		17,000 lb. (7,711 kg)		17,000 lb. (7,711 kg)		19,000 lb. (8,613 kg)		19,000 lb. (8,613 kg)	
Gross Vehicle Weight Rating (GVWR)	22,000 lb. (9,979 kg)		25,500 lb. (11,567 kg)		29,000 lb. (13,154 kg)		33,000 lb. (14,969 kg)		33,000 lb. (14,969 kg)	
Recommended Weight for Stability	16,250 lb. (7,371 kg)		20,000 lb. (9,072 kg)		21,000 lb. (9,525 kg)		21,500 lb. (9,752 kg)		23,000 lb. (10,433 kg)	
Frame Section Modulus	10.5 in³		15.9 in³ / 17.2 in³		15.9 in³ / 17.2 in³		15.9 in³ / 17.2 in³		15.9 in³ / 17.2 in³	
Frame Yield Strength	36,000 psi		110,000 psi / 50,000 psi				110,000 psi / 50,000 psi			
Frame RBM	378,000 in-lbs		900,000 in-lbs				900,000 in-lbs			



TEREX® | UTILITIES

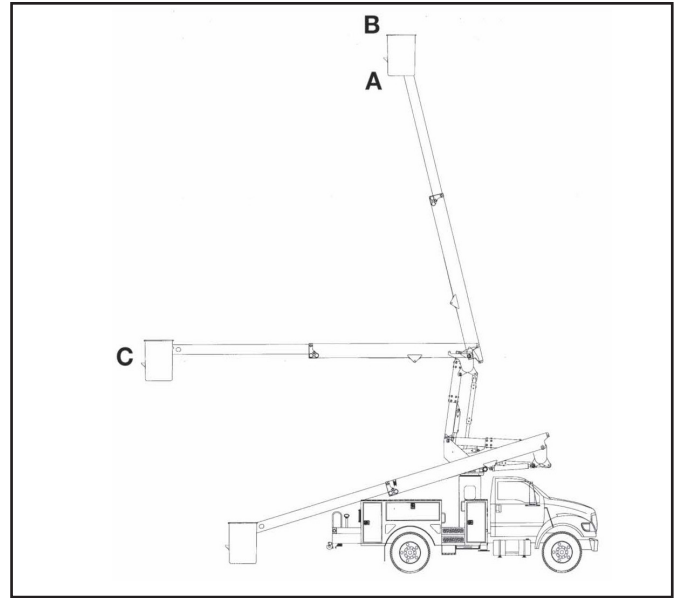
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Distributed By:

STANDARD EQUIPMENT

- Side-Mount 24" x 48" x 42" Two-Person Platform
- Platform Capacity of up to 600 lb (272.2 kg)
- 4-Function Single Stick
- Safety Harness with Attached Lanyard
- Continuous Unrestricted Worm Gear Rotation
- Category "C" Rating Per ANSI A92.2
- Rectangular, Bi-Axial Epoxy Resin, Filament Wound Fiberglass Booms
- Individual Lever Lower Controls
- Dual Hydraulic Tools with Flow Controls
- Hydraulic Platform Leveling System
- Platform Tilt control at Upper and Lower Controls
- Steel Main Boom
- Fiberglass Second Section Boom
- Fiberglass Lower Boom Insert
- Full Pressure, Open-Center Hydraulic System
- 20 Gallon Hydraulic Oil Reservoir
- Engine Stop/Start
- Two Speed Throttle
- Padded Lower Boom Rest (TL60 only)
- Outrigger Interlock
- Moving Outrigger Alarm
- Truck Level Indicator
- Powdercoated Finish Paint



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

Model	TL41	TL45	TL50	TL55	TL60
Bottom of Platform (A)	42.0 ft (12.8 m)	44.8 ft (13.6 m)	49.5 ft (15.1 m)	55.1 ft (16.8 m)	60.1 ft (18.3 m)
Working Height (B)	47.0 ft (14.3 m)	49.8 ft (15.2 m)	54.5 ft (16.6 m)	60.1 ft (18.3 m)	65.1 ft (19.8 m)
Horizontal Reach at 87° (C)	31.1 ft (9.5 m)	31.1 ft (9.5 m)	36.0 ft (11.0 m)	N/A	N/A
Horizontal Reach at 82° (C)	30.8 ft (9.4 m)	30.4 ft (9.3 m)	35.1 ft (10.7 m)	N/A	N/A
Horizontal Reach at 93° (C)	32.2 ft (9.8 m)	32.3 ft (9.9 m)	37.0 ft (11.2 m)	38.3 ft (11.7 m)	40.1 ft (12.2 m)
Lower Boom Articulation	0 to 87°	0 to 87°	0 to 87°	0 to 93°	0 to 93°
Upper Boom Travel	-40 to 76°	-40 to 76°	-40 to 76°	-35 to 85°	-35 to 85°
Upper Boom Extension	116 in. (295 cm)	116 in. (295 cm)	145 in. (368.3 cm)	140 in. (355.6 cm)	140 in. (355.6 cm)
Platform Capacity	600 lbs. (272.2 kg)	600 lbs. (272.2 kg)	600 lbs. (272.2 kg)	600 lbs. (272.2 kg)	600 lbs. (272.2 kg)

The TL41-50 above are based on a 40" frame and 58" pedestal

OPTIONAL EQUIPMENT

- Various Side and End Mount Platforms
- Various Platform Covers
- Liners With or Without Steps
- 24" Platform Lifter
- Jib Options
 - Various Jib Extension Systems
 - Hydraulic Articulating Jib/Winch, Side Mount 1500 lbs (680.4 kg)
 - Manual or Hyd Extension/Articulation 1000 lbs (453.6 kg)
- Single Wire / 46 Kv Insulated Single Line Lifter / Multi-Phase Attachments
- Optional 82° or 93° of Lower Boom Articulation TL41-TL50
- Automatic Boom Latch
- Hydraulic Lifts: 10 ft Transverse or In-line
- Auxiliary Power
- Auxiliary Let Down System
- Boom Overstow Protection
- Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp
- Terex HyPower SmartPTO Hybrid System

Effective Date: May 2024. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2024 Terex Corporation.