



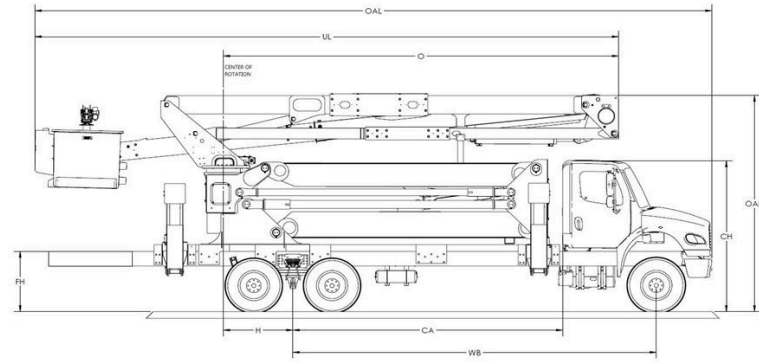
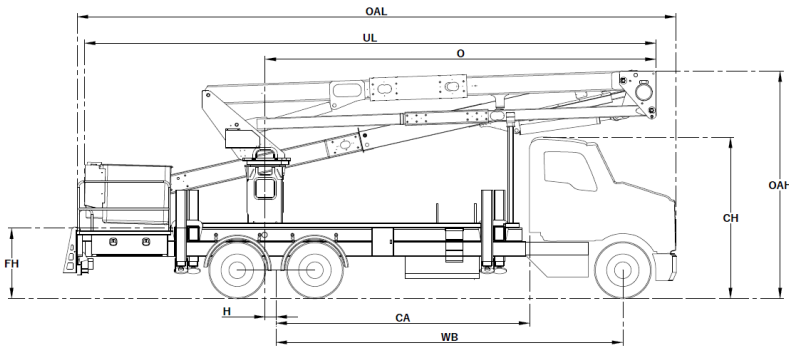
# TEREX®

## TL TRANSMISSION AERIAL DEVICES

Hi-Ranger Telescopic, Material Handling,  
Transmission 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.



TL80/112 shown with the 33 ft Inline Hydraulic Lift

Measurements	TL80	TL100	TL80/112
Typical Frame Height (FH)	1016mm	1016mm	1016mm
Typical Cab Height (CH)	2641mm	2743mm	2743mm
Offset (O)	7163mm	8687mm	7163mm
Overall Height (OAH)	3800mm	3800mm	4000mm
Overall Length (OAL)	10900mm	12200mm	12200mm
Unit Length (UL)	10600mm	12200mm	10600mm
Center of Rotation (H)	241 mm	533 mm	10330mm
Cab to Axle (CA)	4500mm	4140mm	4928mm
Wheel Base (WB)	5182mm	5817mm	6604mm
Gross Vehicle Weight Rating (GVWR)	16,000kg	22,500kg	28,000kg
Recommended Weight for Stability	15,100kg	19,000kg	22,000kg



# TEREX®

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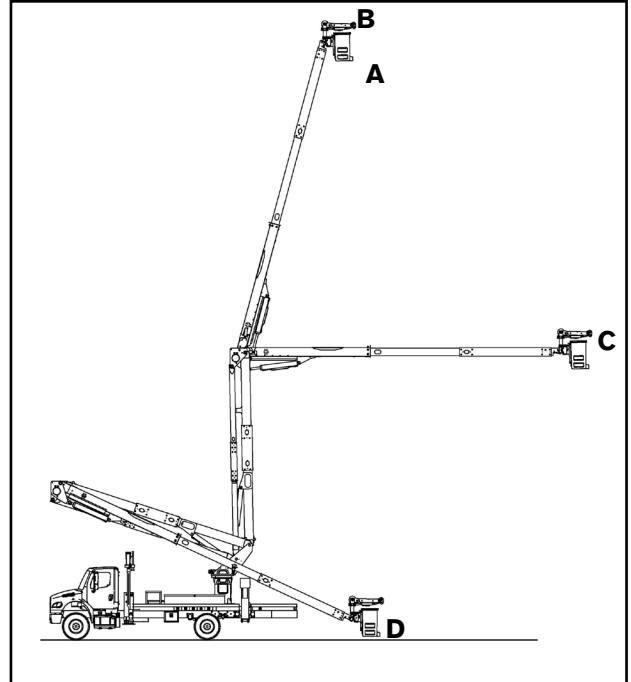
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# TL TRANSMISSION AERIAL DEVICE

## Hi-Ranger Telescopic, Material Handling, Transmission Aerial Device

### STANDARD EQUIPMENT

- End-Mount 24" x 48" x 42" Two-Person Platform
- Platform Capacity of up to 317.5 kg
- 4-Function Single Stick
- Safety Harness with Attached Lanyard
- Platform Rotator provides 180 Degrees of Rotation
- 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
- Two Speed Manual Throttle Control
- Hydraulic Platform Leveling System
- Steel Main Boom
- Fiberglass Second Section Boom
- Fiberglass Lower Boom Insert
- Full Pressure, Open-Center Hydraulic System
- Dual Hydraulic Tools with Flow Control
- Engine Stop / Start
- 132.Liter Hydraulic Oil Reservoir w/ Sight & Temp Gauge (TL80)
- 189 Liter Hydraulic Oil Reservoir w/ Sight & Temp Gauge (TL100 & TL80/112)
- Padded Lower Boom Rest
- Outrigger Interlock
- Moving Outrigger Alarm
- Truck Level Indicator



### CAPACITIES & DIMENSIONAL DATA (Based on a 1016 mm Frame Height)

Model	TL80	TL100	TL80/112
<b>Bottom of Platform (A)</b>	29000mm	29000 mm	32600mm
<b>Working Height (B)</b>	4400mm	30500 mm	3410mm
<b>Horizontal Reach (C)</b>	14400mm	18900 mm	19300mm
<b>Bottom of Platform to Ground (D)</b>	23mm	-80 mm	240mm
<b>Upper Boom Extension</b>	3505mm	6393 mm	3505mm
<b>Lower Boom Articulation</b>	0 to 88°	0 to 88°	0 to 88°
<b>Upper Boom Travel</b>	75° to -25°	75° to -25°	75° to -25°
<b>Lower Boom Insulation Gap</b>	610mm	610 mm	610mm
<b>Upper Boom Insulation Gap</b>	2642mm	1321mm	2642mm

*\*Maximum side reach shown over the rear of unit. Side reach reduced in other positions.*

### OPTIONAL EQUIPMENT

- Various Platform Covers
- Side Mount 24" x 48" x 42" Two-Person Platform
- Liners With or Without Steps
- 24" Platform Lifter (TL80 & TL80/112 Side Mt. Only) (Side Mt. Capacity 272kg)
- TL80 with Side Mount/Platform Lifter has 90° Platform Rotation
- Jib Options
  - Hydraulic Articulated, Hydraulic Extend Jib/Winch, Side Mt. 907 Kg. Capacity
  - Hydraulic Articulated, Hydraulic Extend, 90° Jib Winch, End Mt. 680 Kg Capacity (TL80 & TL80/112) / 453 Kg Capacity (TL100)
  - Single Wire / 66 Kv Insulated Single Line Lifter / Multi-Phase Attachments
- Lower Boom Lifting Eye
- Category A Dielectric Rating (TL80 & TL80/112 only)
- Category B Dielectric Rating
- Auxiliary Power
- Auxiliary Let Down System
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp

Effective Date: September 2019 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 2019 Terex Corporation.