

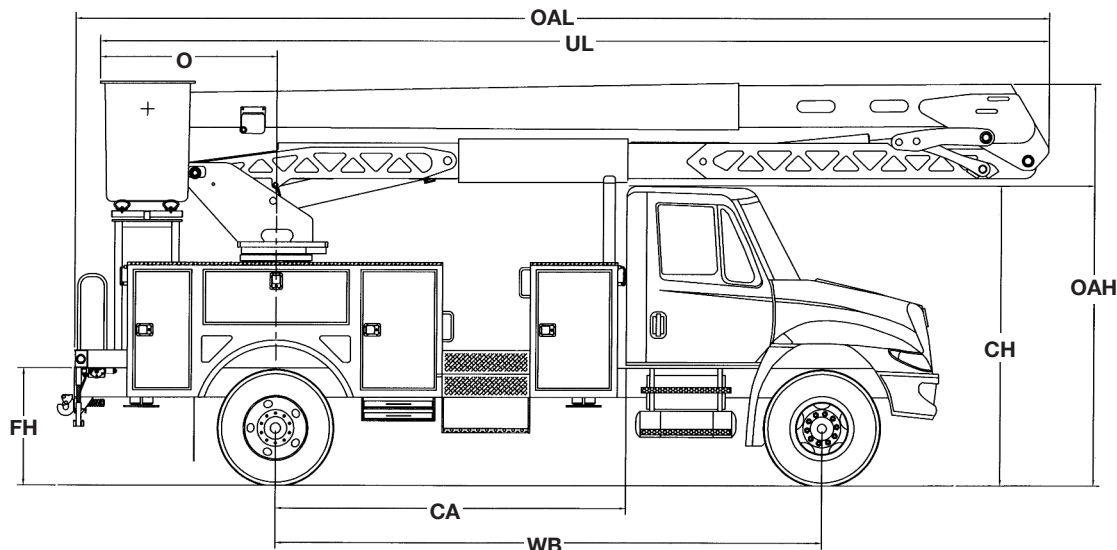


# TEREX®

## TCX SERIES Hi-Ranger Non-Overcenter 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	TCX55 Side Mount	TCX55 End Mount	TCX55 Side Mount Ground Access	TCX55 End Mount Ground Access	TCX60 Side Mount	TCX60 End Mount	TCX60 Side Mount Ground Access	TCX60 End Mount Ground Access
Typical Frame Height (FH)	40 in. (101.6 cm)	40 in. (101.6 cm)	40 in. (101.6 cm)	40 in. (101.6 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)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)	108 in. (274.3 cm)
Offset (O)	61 in. (155.0 cm)	88 in. (223.5 cm)	79 in. (200.6 cm)	102 in. (259.0 cm)	61 in. (155.0 cm)	88 in. (223.5 cm)	79 in. (200.6 cm)	102 in. (259.0 cm)
Overall Height (OAH)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)	11' 5" (3.5 m)
Overall Length (OAL)	27' 10" (8.5 m)	29' 8" (9.0 m)	27' 10" (8.5 m)	29' 8" (9.0 m)	30' 4" (9.2 m)	32' 2" (9.8 m)	30' 4" (9.2 m)	32' 2" (9.8 m)
Unit Length (UL)	27' 1" (8.3 m)	29' 4" ( m)	27' 10" (8.5 m)	30' 1" (9.2 m)	29' 6" (9.0 m)	31' 9" (9.7 m)	30' 3" (9.2 m)	32' 6" (9.9 m)
Cab to Axle (CA)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)	120 in. (304.8 cm)
Wheel Base (WB)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)	188 in. (478 cm)
Front Axle (GAWR)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)	12,000 lb. (5,443 kg)
Rear Axle (GAWR)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)	19,000 lb. (8,618 kg)
Gross Vehicle Weight Rating (GVWR)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)	31,000 lb. (14,061 kg)
Recommended Weight for Stability	26,000 lb. (11,793 kg)	20,000 lb. (9,525 kg)	26,000 lb. (11,793 kg)	21,000 lb. (9,525 kg)	26,000 lb. (11,793 kg)	21,000 lb. (9,525 kg)	26,000 lb. (11,793 kg)	21,000 lb. (9,525 kg)
Frame Section Modulus	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>	18.0 in <sup>3</sup>
Frame Yield Strength	50,000 psi	50,000 psi	50,000 psi	50,000 psi	50,000 psi	50,000 psi	50,000 psi	50,000 psi
Frame RBM	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs	900,000 in-lbs


**TEREX®**

500 Oakwood Drive  
PO BOX 1150  
Watertown, SD 57201-6150  
USA

Phone: (605) 882-4000  
Facsimile: (605) 882-1842  
www.terexutilities.com  
E-mail: utilities.info@terex.com

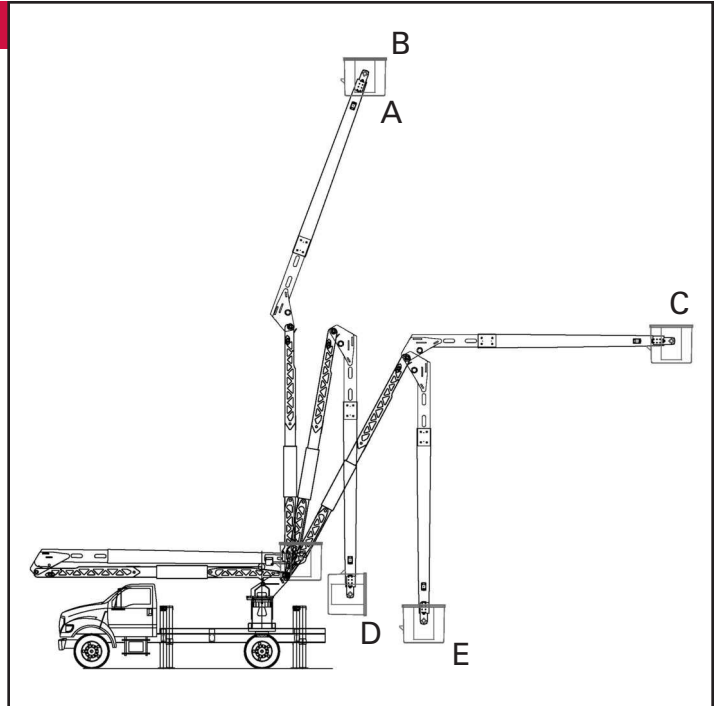
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# TCX SERIES

## Hi-Ranger Non-Overcenter Material Handling Aerial Device

### STANDARD EQUIPMENT

- Side-Mount 24" x 30" x 42" One Person Platform
- Platform Capacity up to 700 lb (318 kg)
- Control-Plus "3-D" Single Stick Control At Platform
- 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
- Power Assist Control System with Automatic Throttle
- Hydraulic Platform Tilt At Upper and Lower Controls
- Hydraulic Platform Leveling System
- Hydraulic Platform Rotators (180° End Mt, 90° Side Mt)
- 70° of Elevation Above Horizontal
- 188° of Upper Boom Articulation
- 110° of Lower Boom Articulation
- Compensated Boom Design
- Pilot-Operated, Closed-Center Hydraulic System
- 35 Gallon Hydraulic Oil Reservoir
- Padded Boom Rest with Upper Boom Tie Downs
- Outtrigger Interlock
- Moving Outtrigger Alarm
- Truck Level Indicator



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

MODEL	A	B	C		D (Dump and rotated position)
	Bottom of Platform	Working Height	Side Reach L.B. at 110°	Side Reach L.B. At 120° with Ground Access	Lip to Ground at 110°
TCX55	56.5 ft (17.0 m)	61.5 ft (18.7 m)	39.2 ft (11.9 m)	42.6 ft (13.0 m)	33.5 in. (85.1 cm)
TCX60	60.8 ft (18.5 m)	65.8 ft (20.1 m)	42.7 ft (13.0 m)	46.3 ft (14.1 m)	31.7 in. (80.5 cm)

MODEL	E		
	Bottom Platform to Ground at 110° LB	Bottom Platform to Ground at 120° LB	Bottom Platform to Ground at 120° with Ground Access
TCX55	41.0 in. (104.1 cm)	24.0 in. (62.0 cm)	7.4 in. (18.8 cm)
TCX60	39.2 in. (99.6 cm)	20.9 in. (53.1 cm)	4.0 in. (10.2 cm)

### OPTIONAL EQUIPMENT

- Two Person Side Platform
- Various Platform Covers
- Liners With or Without Steps
- 24" Platform Lifter
- Jib Options (Side Mount Only)
  - Hydraulic Articulating Jib/Winch, Extend Side Mount 2000 lbs. (907 kg)
  - Hydraulic Articulating Jib/Winch, Underslung Mount 1500 lbs. (680 kg)
  - Single Wire / 46 Kv Insulated
  - Single Wire / 15 Kv Insulated
  - Single Line Lifter / Multi-Phase Attachments
- Category "A" or "B" Rating Per ANSI A92.2
- 120° Lower Boom Articulation with Platform Ground Access
  - Adds 18" to Platform Offset, Stored Position
- Lower Boom Lifting Eye
- Automatic Upper Boom Latch
- Hydraulic Lifts: 13 ft., 15 ft. and 25 ft
- Hydraulic Tool Outlets
- Pressure Compensated, Variable Volume Pumps
- Hydraulic Oil Cooler
- Engine Stop/Start
- Auxiliary Power
- Auxiliary Let Down System
- Boom Overstow Protection
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outtrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp
- Hybrid Enable
- HyPower™ Hybrid System by Terex®

\* End mount platform with rotator adds 16" to side reach and reduces platform lip to ground by 16" in position (D).

Effective Date: November 2014. 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 2014 Terex Corporation.