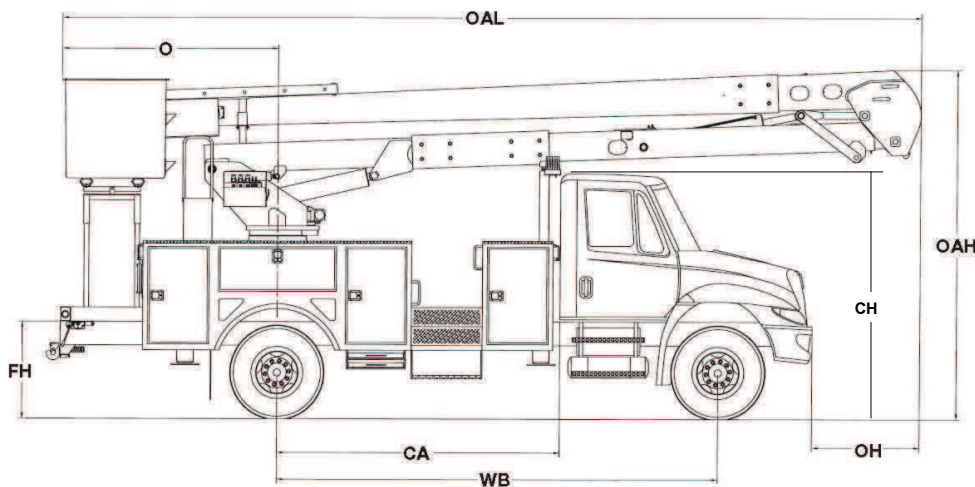


# TC65 AERIAL DEVICE

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

### AERIAL DEVICES

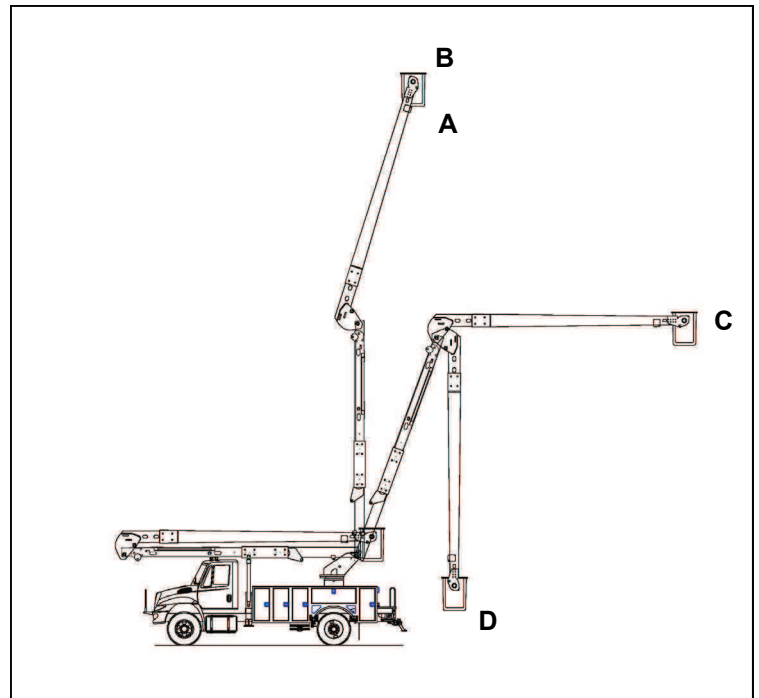
Terex® Hi-Ranger Aerial Devices are known throughout the industry. They come with a long history featuring quality and innovative design.



MEASUREMENTS	TC65
Typical Frame Height (FH)	40 in. (101.6 cm)
Typical Cab Height	108 in. (274.3 cm)
Offset (O)	84 in. (213.4 cm)
Overall Height (OAH)	12' 6" (3.8 m)
Overall Length (OAL)	35' 9" (10.9 m)
Over Hang (OH)	9' 8" (2.9 m)
Center of Rotation (H)	-
Cab to Axle (CA)	120 in. (304.8 cm)
Wheel Base (WB)	192 in. (487.7 cm)
Front Axle (FA)	12,000 lb. (5,443 kg)
Rear Axle (RA)	21,000 lb. (9,525 kg)
Gross Vehicle Weight Rating (GVWR)	33,000 lb. (14,969 kg)
Recommended Weight for Stability	21,000 lb. (9,525 kg)
Frame Section Modulus	18.0 in <sup>3</sup>
Frame Yield Strength	50,000 psi
Frame RBM	900,000 in-lbs

## 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
- Hydraulic Platform Rotator (105° Side Mt.)
- 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 Lower, Mechanical Upper Platform Leveling System
- 63° of Elevation Above Horizontal
- 163° of Upper Boom Articulation
- 100° Lower Boom Articulation
- Compensated Boom Design
- Pilot-Operated, Closed-Center Hydraulic System
- Hydraulic Oil Cooler
- Engine Stop/Start
- 35 Gallon Hydraulic Oil Reservoir
- Padded Boom Rest with Upper Boom Tie Down
- Boom Interlock
- Moving Outrigger Alarm
- Truck Level Indicator



## CAPACITIES AND DIMENSIONAL DATA *(Based on 40 Inch Frame Height)*

	A	B	C	D
MODEL	Bottom of Platform Height	Working Height	Side Reach	Platform to Ground
TC65	65.0 ft. (19.8 m)	70.0 ft. (21.3 m)	41.8 ft. (12.7 m)	5.0 ft. (1.5 m)

## OPTIONAL EQUIPMENT

- Two Person Side or End Mount Platform
- Various Platform Covers
- Liners With or Without Steps
- Hydraulic Platform Rotators (180° End Mt.)
- 24" Platform Lifter (90° Side Mt.)
- Jib Options *(Side Mount Only)*
  - Hydraulic Jib Extension Systems
  - Hydraulic Articulating Jib/Winch, Side Mount 2000 lbs. (907 kg)
  - Hydraulic Articulating Jib/Winch, Underslung Mount 1500 lbs. (680 kg)
- Single Wire / 46 Kv Insulated Single Line Lifter / Multi-Phase Attachments
- Category "B" Rating Per ANSI A92.2
- 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
- Auxiliary Power
- Auxiliary Let Down System
- Boom Overstow Protection
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp