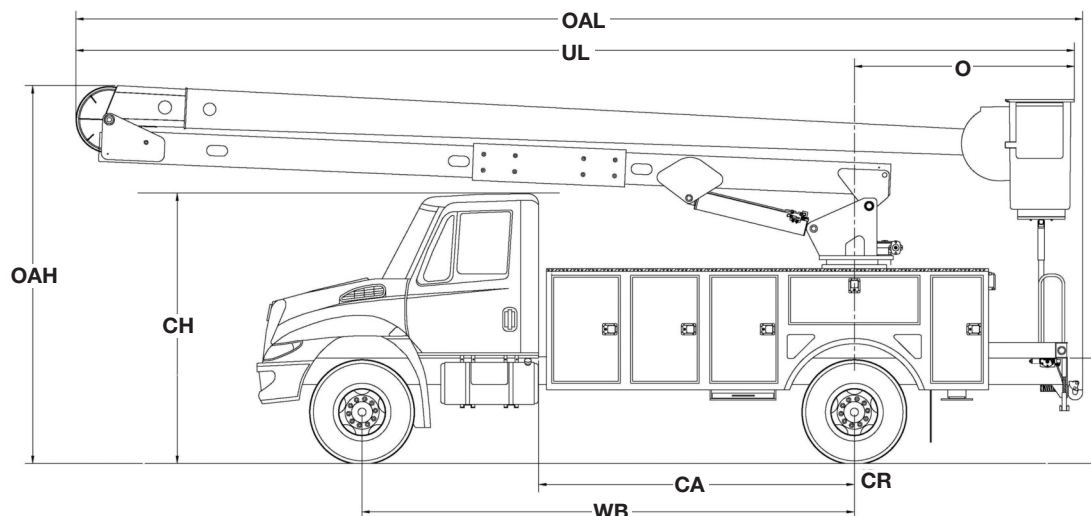


**TEREX®****FC SERIES**
Hi-Ranger Non-Overcenter
Articulating Aerial Device**AERIAL DEVICES**

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



Measurements	FC40		FC48		FC52		FC55		FC60	
	ORA	BC	ORA	BC	ORA	BC	ORA	BC	ORA	BC
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)	
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)	
Offset (O)	81.0 in. (205.7 cm)		81.0 in. (205.7 cm)		81.0 in. (205.7 cm)		81.0 in. (205.7 cm)		81.0 in. (205.7 cm)	
Overall Height (OAH)	11' 3.5"	12' 8"	11' 3.5"	12' 8"	11' 3.5"	12' 8"	11' 3.5"	12' 8"	11' 3.5"	12' 8"
	(3.4 m)	(3.9 m)	(3.4 m)	(3.9 m)	(3.4 m)	(3.9 m)	(3.4 m)	(3.9 m)	(3.4 m)	(3.9 m)
Overall Length (OAL)	23' 7"	27' 8"	27' 6"	31' 7"	29' 10"	33' 11"	31' 3"	35' 4"	33' 8"	37' 9"
	(7.2 m)	(8.4 m)	(8.4 m)	(11.5 m)	(9.1 m)	(10.3 m)	(9.5 m)	(10.8 m)	(10.3 m)	(11.5 m)
Unit Length (UL)	23' 7"		27' 6"		29' 10"		31' 3"		33' 8"	
	(7.2 m)		(8.4 m)		(9.1 m)		(9.3 m)		(10.3 m)	
Center of Rotation (H)	0 in.	58 in.	0 in.	76 in.	0 in.	76 in.	0 in.	82 in.	0 in.	94 in.
		(147.3 cm)		(193 cm)		(193 cm)		(208.3 cm)		(238.8 cm)
Cab to Axle (CA)	84 in.		102 in.		102 in.		108 in.		120 in.	
	(213.4 cm)		(259.1 cm)		(259.1 cm)		(274.3 cm)		(304.8 cm)	
Wheel Base (WB)	156 in.		174 in.		174 in.		180 in.		192 in.	
	(396.2 cm)		(442 cm)		(442 cm)		(457.2 cm)		(487.7 cm)	
Front Axle (GAWR)	7,000 lb.		8,000 lb.		9,000 lb.		9,000 lb.		10,000 lb.	
	(3,175 kg)		(3,629 kg)		(4,082 kg)		(4,082 kg)		(4,536 kg)	
Rear Axle (GAWR)	15,000 lb.		15,000 lb.		15,000 lb.		15,000 lb.		15,000 lb.	
	(6,804 kg)		(6,804 kg)		(6,804 kg)		(6,804 kg)		(6,804 kg)	
Gross Vehicle Weight Rating (GVWR)	22,000 lb.		23,000 lb.		24,000 lb.		24,000 lb.		25,000 lb.	
	(9,979 kg)		(10,433 kg)		(10,886 kg)		(10,886 kg)		(11,340 kg)	
Recommended Weight For Stability	15,500 lb.		19,000 lb.		21,000 lb.		23,000 lb.		21,000 lb.	
	(7,031 kg)		(8,618 kg)		(9,525 kg)		(10,433 kg)		(9,525 kg)	
Frame Section Modulus	14.5 in ³		14.5 in ³		14.5 in ³		14.5 in ³		14.5 in ³	
Frame Yield Strength	50,000 psi		50,000 psi		50,000 psi		50,000 psi		50,000 psi	
Frame RBM	725,000 in-lbs		725,000 in-lbs		725,000 in-lbs		725,000 in-lbs		725,000 in-lb	

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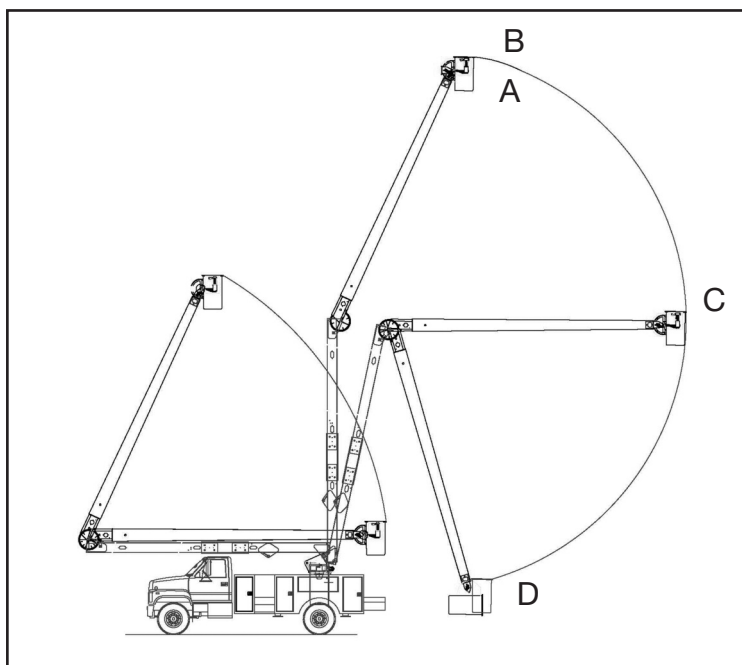


FC SERIES

Hi-Ranger Non-Overcenter, Articulating Aerial Device

STANDARD EQUIPMENT

- End-Mount 24" x 48" x 42" Two-Person Platform
- Platform Capacity up to 700 lb (318 kg)
- Control Plus "3-D" Single Stick 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
- 65° Of Upper Boom Articulation
- 102° Of Lower Boom Articulation
- Compensated Boom Design
- Hydraulic / Mechanical Boom Compensation System
- Pilot-Operated, Closed-Center Hydraulic System
- Positive Leveling System Utilizing Fiberglass Rods and High Strength Cables
- 32 Gallon Hydraulic Oil Reservoir
- Padded Boom Rests with Upper Boom Tie Down
- Boom Interlock
- Moving Outrigger Alarm



CAPACITIES & DIMENSIONAL DATA

MODEL	A	B	C		D
	Bottom of Platform Height	Working Height	Side Reach	Platform Capacities	Bottom of Platform to Ground
FC40	41.6 ft. (12.7 m)	46.6 ft. (14.2 m)	27.5 ft. (8.4 m)	700 lb. (318 kg)	47.0 in. (119.4 cm)
FC48	48.6 ft. (14.8 m)	53.6 ft. (16.0 m)	32.7 ft. (10.0 m)	700 lb. (318 kg)	50.0 in. (127.0 cm)
FC52	52.6 ft. (16.0 m)	57.6 ft. (17.6 m)	35.6 ft. (10.9 m)	700 lb. (318 kg)	51.0 in. (129.5 cm)
FC55	56.0 ft. (17.1 m)	61.0 ft. (18.6 m)	37.8 ft. (11.5 m)	700 lb. (318 kg)	52.0 in. (132.1 cm)
FC60	60.0 ft. (18.3 m)	65.0 ft. (19.8 m)	40.3 ft. (12.3 m)	500 lb. (227 kg)	53.0 in. (134.6 cm)

OPTIONAL EQUIPMENT

- End-Mount 24" x 30" x 42" One-Person Platform
- Various Platform Covers
- Liners With or Without Steps
- Hydraulic Platform Rotators
- Category "A" or "B" Rating Per ANSI A92.2
- Lower Boom Lifting Eye
- Automatic Upper Boom Latch
- 10' Longitudinal Hydraulic Lift
- Hydraulic Tool Outlets
- Pressure Compensated, Variable Volume Pumps
- Engine Stop/Start
- Auxiliary Power
- Auxiliary Let Down System
- Boom/Boom Stow Interlock
- Boom Storage Warning Light
- Outrigger Sag Light
- Various Types of Outriggers
- Truck Grounding Cable & Clamp
- Hybrid Enable
- HyPower™ Hybrid System by Terex®

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