

Aerial Device

Optima HR55

The Terex Optima series of bucket trucks boasts a reliable design that goes to work and keeps working

Equipment Specifications

- Terex Hi-Ranger Optima HR55 insulated overcenter aerial device
- Side mount fiberglass 24"x48"x42" platform
- 600 pounds of platform capacity
- Platform rotator offering 90 degrees of forward rotation
- Platform lifter provides 24" of vertical lift
- Category C 46KV per ANSI/SIA A92.2
- Simplified compact hydraulic extending jib
- Up to 2,000 lb. material handling capacity
- 1/2-inch x 75 ft. load line with swivel hook and latch
- Positive Attachment Lanyard (PAL) system that provides audio and visual warnings to operator when controls are engaged and lanyard has not been attached
- Viatic SmartPTO can be added at Terex Services branch locations
- ESG Package

Chassis Options

2025 Freightliner M2 106 4x4 or International HV507 4x4

- Cummins L9 330 HP engine
- 1,000 lb. - ft. of torque
- Allison 3500 RDS automatic transmission
- Power windows and locks
- Heated power mirrors
- Air ride driver seat and non-suspension passenger seat

Body Specifications

- Industry standard 174"L x 94"W x 46"H steel line body
- Compartments contain adjustable and interchangeable hooks and shelves
- LED rope lights in all body compartments
- 5 compartments streetside
- 4 compartments curbside
- 174"-inch-long Hot stick compartment on streetside rear of body with dropdown access door



What Makes It BUILT. DIFFERENT.

- Rectangular epoxy resin filament-wound fiberglass boom
- Rectangular design of fiberglass provides strength-to-weight ratio (stronger than steel)
- Smooth and efficient boom speeds and hydraulic operation provide superior control

Specifications

HR55

Working Height	60 ft. (18.3 m)
Side Reach	48.2 ft. (14.7 m)
Platform Capacity	600 lbs. (272 kg)
Material Handling Capacity	2,000 lbs. (907 kg)

BUILT. DIFFERENT.

Mid-Atlantic
Truck & Equipment

HR55 Standard Equipment



STANDARD EQUIPMENT

- Side-Mount 24" x 48" x 42" Two-Person Platform
- Platform Capacity up to 700 lb (318 kg)
- Control-Plus "3-D" Single Stick Control At Platform
- Hydraulic Platform Rotators (105° Side Mt)
- Simplified Compact, Hydraulic Extending Jib
- 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
- Automatic Throttle
- Hydraulic Platform Tilt At Upper and Lower controls
- Hydraulic Lower, Mechanical Upper Platform Leveling System
- 193° of Upper Boom Articulation
- 116° of Lower Boom Articulation
- Full Pressure, Open-Center Hydraulic System
- Hydraulic Dual Tools with Flow Control
- Engine Stop /Start
- 30 Gallon Bed Mount Hydraulic Oil Reservoir
- Padded Boom Rest with Upper Boom Tie Downs
- Outrigger Interlock
- Moving Outrigger Alarm
- Truck Level Indicator

BUILT. DIFFERENT.

