

# A62

62 FT (19 M) AERIAL LIFT PLATFORM

**MANITEX** 



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## Key



Operator aids



Controls



Slewing / Allowable slewing range



Slewing gears



Slewing brake



Outriggers / Lifting on outriggers



Frame



Hydraulics



Maximum gradeability



Boom elevation angle



Telescoping mode



Working radius



Boom length



Hydraulic actuated boom



Full power mechanical synchronized



Tip height



Lights



Electrical system



2-person man basket

# A62 Crane Features



Optional service body on Ford F550 pictured above

## The A62

The A62 series platform is installed on a class 5 commercial chassis with a minimum GVW of 16,000 pounds. Equipped with a telescopic arm which can reach a maximum work height of 65 feet, the A62 can reach heights of over six stories high and has a 38 foot working radius.

### Other features include:

- Four interdependent levers for control of the four stabilizers
- +/- 90° rotating basket
- 62' boom
- Boom angle of -15° / +75°



### BUILT FOR SIZE AND SPEED

The A62 platform differs from competitor products in that it has reduced dimensions and a unique, quick, set up speed.

### EASY SETUP

Thanks to its ease of use, the A62 is particularly suitable for overhead and road lighting maintenance as well as sign installation.

The "X" pattern outriggers allow the A62 to setup in a single parking space.

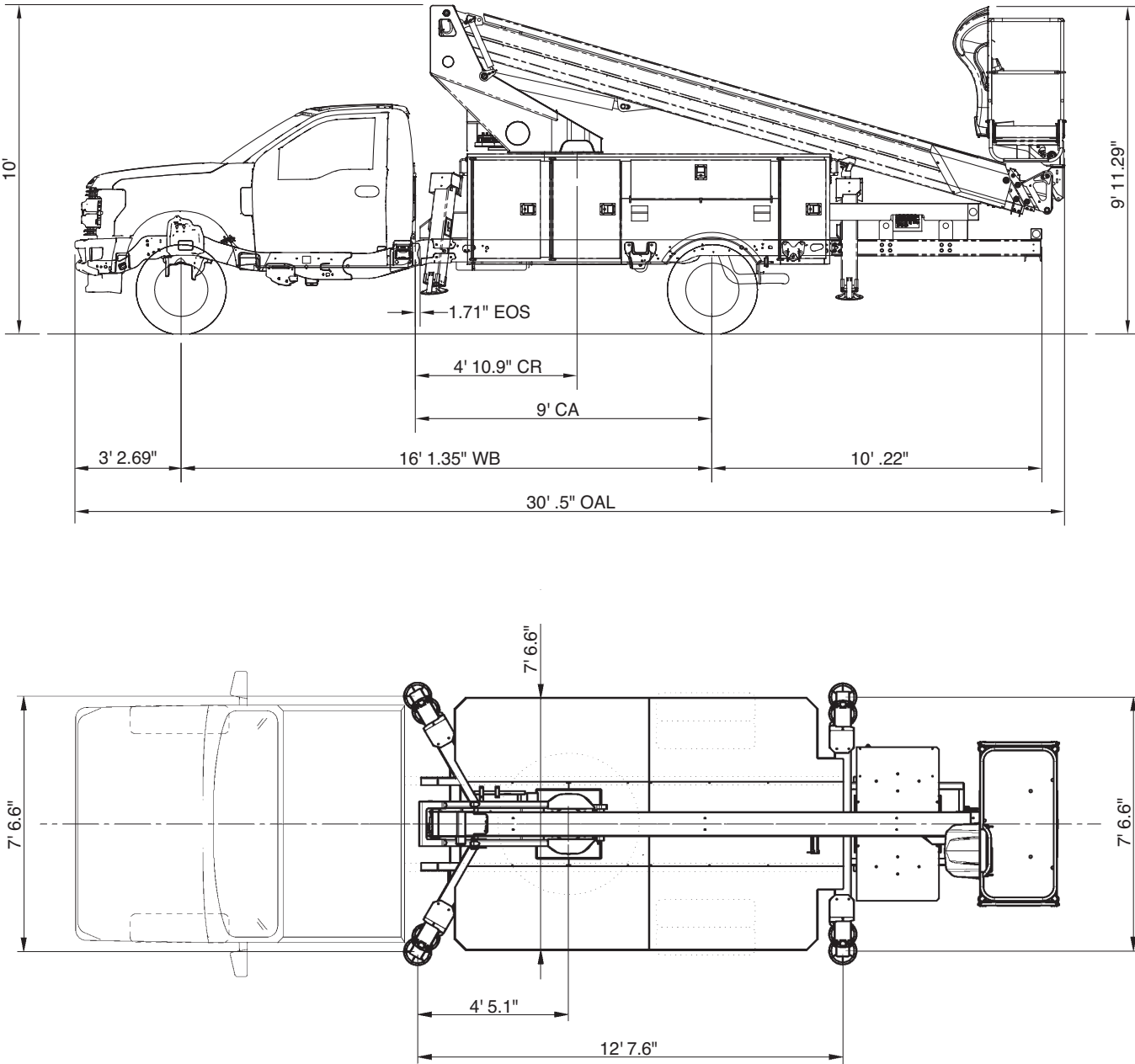
### VERSATILITY

Available on a Non-CDL truck for maximum mobility and flexibility.

Data published herein is intended as a guide only. Crane operation is subject to machine specific load charts and information.

# Chassis Data

A62 Mounted on a Ford F550 Service Body

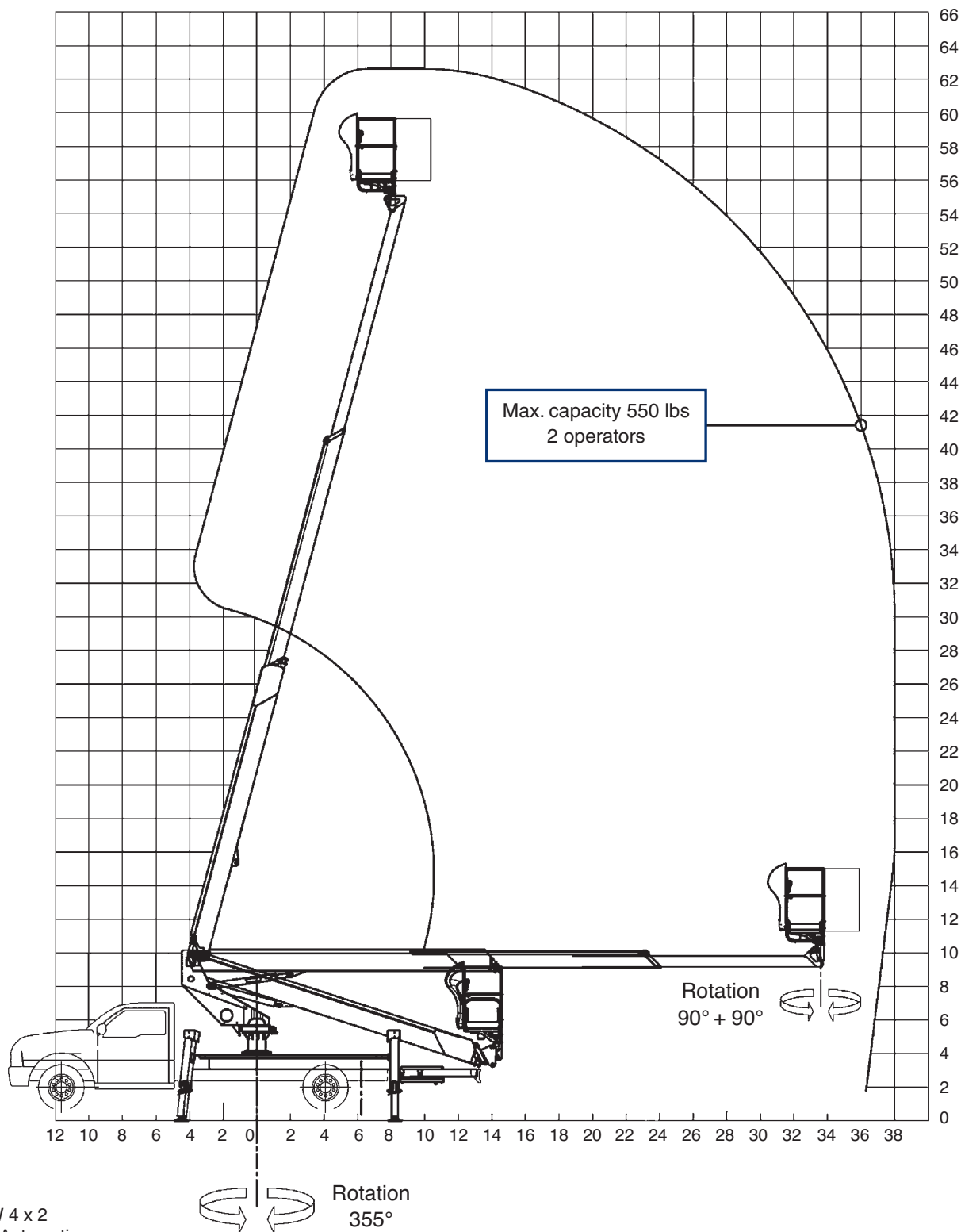


Estimated GVWR on Ford F550 with service body  
FR: 4,550 lbs  
RR: 12,580 lbs  
Total: 17,130 lbs

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# Range Diagram

Work area A62 on Ford F550



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# Technical Description

## Sub-Frame



Rectangular shaped, ladder style high strength steel frame.  
Steel tubes bolted to truck's chassis. Equipped with 4 vertical stabilizers.  
Chassis also features an anti-slip aluminum floor.

## Operator's Basket



Operator basket is made of aluminum and measures 67 x 28 x 43 Inches.  
A safety pedal is installed to detect if operator is positioned correctly: this device allows aerial working only if the operator is in control position.  
Safety belt: Fasteners inside the basket are secured to the aluminum reinforcement points.

## Boom



Hydraulically powered high strength form steel boom.  
The boom has an operating range of  $-15^{\circ}$  a  $+75^{\circ}$  and is fitted with self-lubricating, low-friction material boom sliders.  
– Internal channel for the hoses and cables connected to the basket.

## Turret



High strength turret powered by hydraulic swing motor. Includes manual control station at base of turret.

## Control System



System features:  
Hydraulic controls that can regulate several different maneuvers at the same time.  
Stabilizers:  
4 independent levers to separately control the 4 stabilizers. Located on each side of the machine.  
Basket controls:  
– Manually-activated hydraulic controls are located in basket, protected by fixed guards.  
– Hand pump for emergency lowering. Located adjacent to outrigger controls passenger side.  
– An emergency stop button for crane control is located in basket as well as on turret control panel.

## Options



60-watt rotating light on basket  
Electric basket jib winch (200 lbs max capacity)  
Service body



Single-phase 220 V / 110 V AC 2.2 kW  
12 V emergency power 110 V in the basket

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# Technical Description

## Devices Fitted As Standard

Start-up and shutdown of the main engine and any auxiliary engine from the basket

Protective side bars

Protection on controls area on column and basket

Acoustic device for PTO plugged in

Self-locking device on rotation

Warning device operating outriggers (truck dashboard)

Interlock for stabilizers

– Use and maintenance manual

Hand pump for emergency lowering

– Document folder on basket

Thermal protection on the electrical system

Emergency button with stop engine device

Hydraulic basket rotation

Block valves on every cylinder

– Maximum pressure valves on hydraulic circuit

## Specs

### A62

Type of articulation	Telescopic	Basket rotation	+/- 90° [Hydraulic]	
Number of booms	3	Turret rotation	700° nc [+/- 350°]	
Boom angle	-15° / + 75°	Turret rotation device	Slewing ring	
		Aerial parts controls	Hydraulics	
Chassis requirements GWVR	15,400 lbs	Outrigger controls	Hydraulics	
FAWR	7,000 lbs	Hydraulic tank capacity	18 gallons	
RAWR	14,700 lbs	Basket Insulation	Fiberglass basket 1 KV [opt]	
		Load sensing system	Opt	
Max. capacity	550 lbs	12 V emergency	Opt	
Max. height floor of bucket	56 ft	110 V in basket	Opt	
Working height	62 ft			
Outreach	38 ft			
Front outrigger	Fixed – A shape			
Rear outrigger	Fixed – A shape			
Hoses and cables	Inside booms			
Cylinder of extension	Inside booms			
Position and angle control	yes			
Size of basket	67 x 28 x 43 Inches [aluminum]			

A62 service body available for FORD F550 / RAM 5500 / CHEVY 5500 / FORD F600			
	FORD F550	RAM 5500	
Wheelbase	193.35 in.	193 in.	
Total length	360.5 in.	360.04 in.	
Total height	119.29 in.	121.70 in.	
Total width	92 in.	92 in.	

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