

**RUTHMANN**  
professionals at work

# T175A

**WORKING HEIGHT:** 175' [54 m]

**MAXIMUM SIDE REACH:** 118' [36 m]

**MAX COMBINED PLATFORM CAPACITY:** 1,323 lbs [600 kg]



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**FOR MORE INFORMATION**

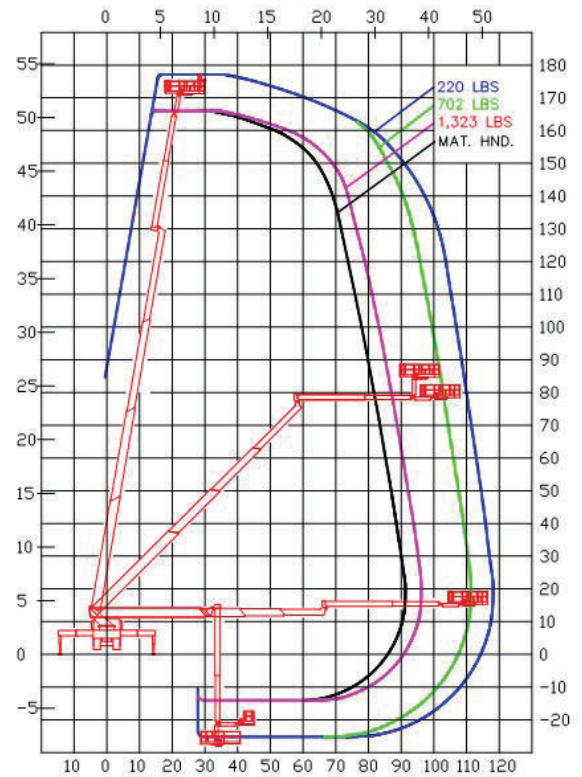
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# RUTHMANN T175A



General Specifications	T175A
Max Working Height	175' [54 m]
Bottom of Platform	169' [52 m]
Maximum Side Reach	118' [36 m]
Maximum Combined Platform Capacity	1,323 lbs [600 kg]
Maximum Material Handling Capacity	661 lbs [300 kg]
Platform Rotation	+90° with manual override in platform
Platform Dimensions (retracted)	8' X 3'-2" [2.44 X 0.97 m]
Platform Dimensions (extended)	12'-6" X 3'-2" [3.81 X 0.97 m]
Boom Specs	
Upper Boom Articulation	180° relative to Lower Boom
Upper Boom Extension	13'-1" [4 m]
Lower Boom Articulation	80°
Lower Boom Extension	80'-7" [24.6 m]
Turret Rotation	500°
Outrigger Maximum Lateral Spread	27'-3" [8.3 m]
Outrigger Short Jack Lateral Spread	17'-4" [5.26 m]
Outrigger Longitudinal Spread	23'-4" [7.11 m]
Fly Jib Articulation Upper Boom	180°
Other Details	
Maximum Wind Load	28 MPH [12.5 m/s]
Operable Temperature Range	5° - 122° F [-15° - 50° C]
Hydraulic System	3,000 PSI [207 bar]

## REACH DIAGRAM



### FEATURES:

Emergency shut off switches in all control locations, automatically stops aerial movement and shuts engine off.

Full envelope control with automatic end of travel speed reduction.

#### Platform Control Station

- Emergency shut off, automatically stops aerial movement and turns engine off
- Mountable in different locations
- "Home" stows aerial and outriggers
- "Teach" stores position and will return aerial to same position
- Hi/Low speed switch
- LED panel lights
- Platform overload buzzer in platform

#### Graphic Display in Platform Provides

- Platform load, and shuts off engine
- Upper boom extension (in percentage allowed)
- Load Moment Limit (LML)

#### Lower Control Station (Emergency Control)

- Takes control from all stations when access door is open
- Push button control panel for all aerial operations
- Text graphic display with fault messaging and system diagnostics

#### OPTIONAL FEATURES:

- Anemometer
- Outrigger pads with below deck storage
- Cargo area with drop down side walls
- Internet hardware with one year service contract that provides:
  - Diagnostic link to factory trained service technicians
  - Ability to access machine operating data in real time

### OTHER SPECS:

- Platform leveling, electronic over hydraulic with manual override in platform
- Platform ground contact detection with override in platform control station
- Platform overload detection
- Platform collision force detection
- Platform walk thru doors left and right
- (7) Platform lanyard attachment points
- 110V three pole duplex connection point with input connector at ground level
- Platform clean out port
- One button chassis auto leveling
- Start/stop at both outrigger control stations
- Graphic position displays showing outrigger beam position and tires clear of ground
- One button aerial and outrigger auto stow from platform