

# UTEM SKYTEL UTLI35B



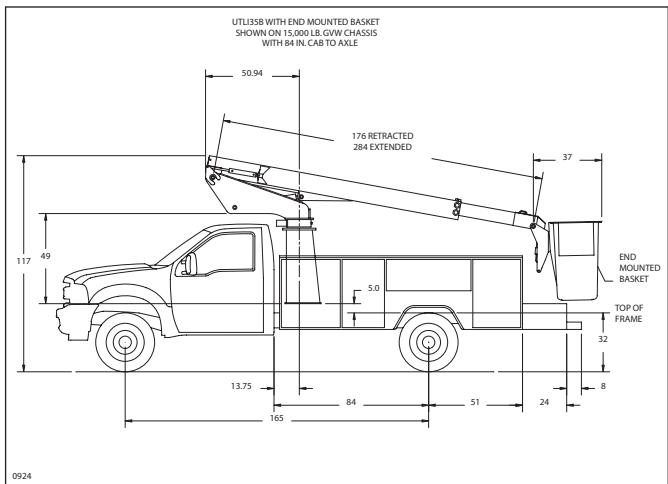
- Exclusive 540 degree boom rotation with hourglass worm gear drive  
Provides smooth and self locking rotation with a mechanical stop
- Individual lever full pressure upper controls  
Full pressure single stick upper controls is optional
- Outer boom is high strength steel, with fiberglass inner boom  
Non-lube bearings provided at pivot points
- Non-tracking 30 in. insulation gap  
Insulation gap increases to 42 inches as boom is extended

Strength, innovation and service from UTEM

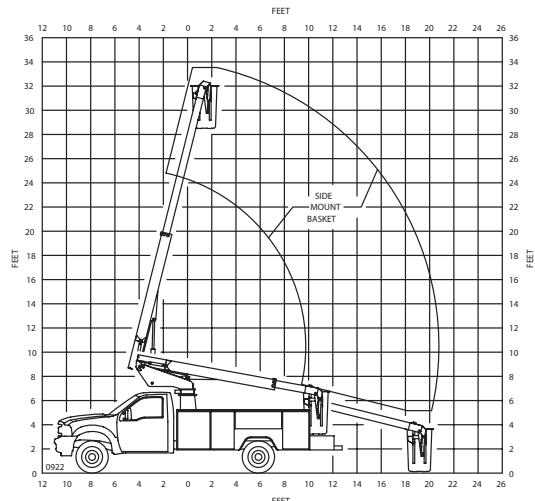


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# UTEM SKYTEL UTLI35B



Dimensional Outline



Operating Area Diagram

## Dimensional Specifications

	UTLI35B
Horizontal side reach - side mount	20 ft 9 in (6.32m)
Horizontal side reach - end mount	22 ft 9 in (6.93m)
Height to bottom of basket*	29 ft (8.83m)
Working height*	34 ft (10.36m)
Stowed height*	10 ft 1 in (3.07m)
Outer boom articulation in degrees	-14° to 76°
Standard basket capacity	300 lbs (136kg)
Maximum basket capacity	400 lbs (181kg)
UTLI non-tracking insulation gap is 30 in (0.76m)	
Tested and rated for Category D 46kV and below per ANSI A92.2-2015	
Meets or exceeds ANSI A92.2-2015 and OSHA requirements	

\* Based on 36 in (0.91m) chassis frame height

## Mechanical Specifications

540° Boom rotation with mechanical stop
Rotation drive is hourglass worm gear acting on a shear ball bearing
Hydraulic bucket leveling
All hoses and controls cables are enclosed within the outer boom
Boom elevation and extension by hydraulic cylinders
Boom and extension cylinders have load holding valves
Outer boom is high strength steel with infinitely adjustable wear pads
Inner boom is filament wound oven cured epoxy resin fiberglass
Pedestal is welded structure with reservoir mounted inside
Standard color is UTEM white powder coat
Body harness with adjustable length shock absorbing lanyard included

## Chassis Requirements

	Minimum	Recommended
Vehicle GVWR	10100 lbs	11000 lbs
Front axle GAWR	4000 lbs	4200 lbs
Rear axle GAWR	7500 lbs	7500 lbs
Frame section modulus	5.42 in <sup>3</sup>	5.42 in <sup>3</sup>
RBM of frame	195000 in lbs	195000 in lbs
Approx. weight for stability	7800 lbs	7800 lbs

## Controls

Individual Lever Full Pressure Controls are Standard  
 Leveling controls provided at upper and lower controls  
 "HM" hydraulic system is provided with UTLI35B  
 Engine stop/start provided with "HM" hydraulics  
 Emergency stop is provided at basket controls  
 Lower control override selector included

## Hydraulic Specifications

Operating pressure	2200 PSI (155kg/cm <sup>2</sup> )
Reservoir capacity with sight gauge	10 Gallons (38l)
Suction strainer mounted in reservoir	100 Mesh
Return line filter with bypass	10 Micron

## Optional Equipment

Single stick upper controls
Baskets with steps or walk thru openings with doors
End mount basket
Manual basket rotator
Hydraulic basket rotator
Continuous rotation
Hydraulic tool outlet at basket
Manual two-speed throttle
12VDC Powered Emergency Lowering
Bridge mount pedestal and remote reservoir
Outriggers for increased stability
Outrigger/Boom interlock
Torsion bars for increased stability



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