

SKYVAN

UVN35A & UVI35A

NON-INSULATED

INSULATED

Elevate Your Operations with our Telecopic Aerial Lift

Working Height **34 ft 2 in (10.36m)***

Horizontal Reach **20 ft 9 in (6.32m)***

Basket Capacity **300 lbs (136kg)**

* dimensions vary according
to model number and
options



- » Exclusive 540 degree boom rotation with hourglass worm gear drive
- » One-hand proportional joystick upper control standard
- » Non-lube bearing at all points of boom movement
- » Non-tracking 30 in. insulation gap on the UVI35A
- » Radio upper control on UVI35A
- » Applications: Telecommunications, Signs, Lighting, Traffic, Electric Utility, Maintenance, Security Cameras, Suburban & Urban Environments

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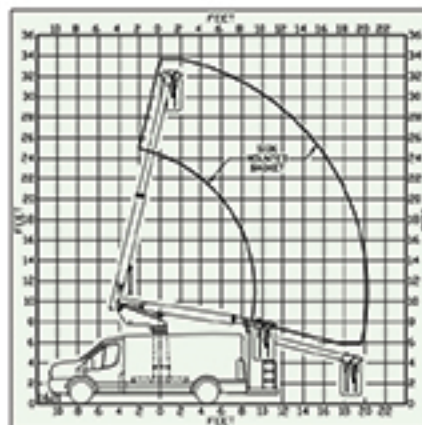
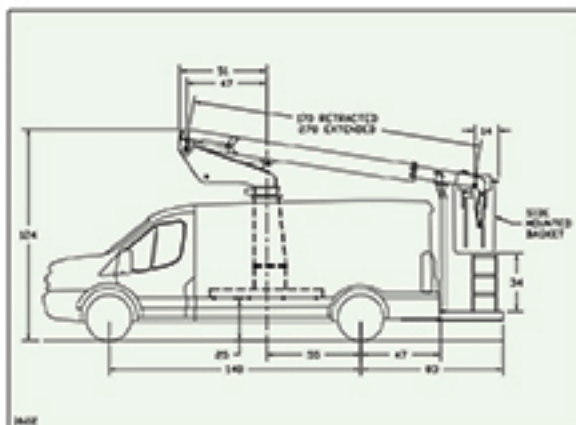
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Technical Specifications



Dimensional Specifications

UVN35A / UVI35A

Horizontal side reach - side mount	20 ft 3 in (6.17m)
Height to bottom of basket*	29 ft 1 in (8.85m)
Working height*	34 ft 1 in (10.38m)
Stowed height*	10 ft 4 in (3.15m)
Outer boom articulation in degrees	-14° to 77°
Standard basket capacity	300 lbs (136kg)
Minimum Non-Tracking Insulation Gap	24 in (0.61m) Std. Tip (UVI only)
UVI Tested and rated for Category D	46kV (and below per ANSI A92.2-2020)
UVN and UVI meet or exceed	ANSI A92.2-2021 (and OSHA requirements)
* Based on 25 in (0.63m) chassis floor height	

Mechanical Specifications

- 540° Boom rotation with mechanical stop
- Rotation drive is hourglass worm gear acting on a shear ball bearing
- Basket has hydraulic 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 screw in wear pads
- Inner boom is Aluminium (UVN) or machine wound FRP (UVI)
- Pedestal is welded structure with reservoir mounted inside
- Standard color is UTEM white powder coat
- Body harness with adjustable length shock absorbing lanyard included

Hydraulic Specifications

Operating pressure	2500 PSI (176kg/cm ²)
Reservoir capacity with sight gauge	10 Gallons (38l)
Suction strainer mounted in reservoir	100 Mesh
Return line filter with bypass	10 Micron



Chassis Requirements

Vehicle GVWR	9500 lbs
Front axle GAWR	4630 lbs
Rear axle GAWR	5750 lbs
Approx. weight for stability	7800 lbs
AWD (All Wheel Drive)	
Low Roof Height	
148 in Wheelbase	

Controls

- Proportional upper controls with single handle actuator
- Joystick and all electric switches are environmentally sealed
- Handheld remote lower controls
- Emergency lowering - 12VDC powered
- UVN basket controls are electric cable connection to valve
- UVI basket controls are radio interface to lower controls
- Engine stop/start provided with "HE" and "DP" options
- Emergency stop is provided at basket controls

Optional Equipment

- Baskets with steps, duck-under and walk-thru with doors
- Basket door, tent, top and heater
- Electric tool outlet at basket - UVN only
- Hydraulic tool outlet at basket
- Optional Aerial Colors

UVN35A meets and exceeds ANSI A92.9-2021 & OSHA Requirements

* based on 32 in (0.81 m) Chassis Height



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