

# SKY VAN

Transit & Sprinter

UVN35A

UVI35A/35B/35C

Insulated or Non-Insulated



The Lift Crews Count On—Day In, Day Out

## VEHICLE SPECS

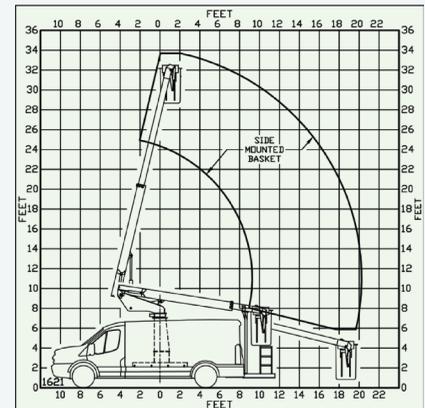
- + Exclusive 540 degree boom rotation with hourglass worm gear drive
- + One-hand proportional joystick upper control standard
- + Non-lube bearing at all points of boom movement
- + Non-tracking 30 in. insulation gap on the UVI35
- + Radio upper control on UVI35A

### Optional Equipment:

- + Full Pressure Upper Controls – Sprinter Only
- + Baskets with Steps, duck-under and walk-thru with doors
- + Basket Liners and covers
- + Emergency Lowering – 12/24VDC powered
- + Electric tool outlet at basket – Non-Insulated
- + Hydraulic tool outlet at basket
- + Dielectric Category C with boom tip covers

## APPLICATIONS

- + Telecommunications
- + Signs, Lighting & Traffic
- + Electric Utility
- + Maintenance
- + Security Cameras
- + Suburban & Urban Environments



## VAN REQUIREMENTS

	Sprinter	Transit
Vehicle GVWR	11,300 lbs	9,500 lbs
Front Axle GAWR	4,410 lbs	4,630 lbs
Rear Axle GAWR	7,720 lbs	5,750 lbs
Approx weight for stability*	7,900 lbs	7,800 lbs
AWD (All Wheel Drive)	Required	Required
Low Roof Height	Required	Required
Wheelbase	144"	148"

\*Based on minimum specifications

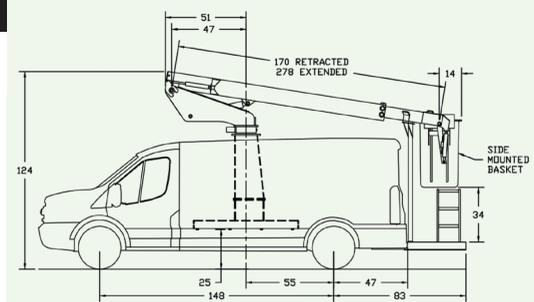
## DIMENSIONAL SPECS

Horizontal Side Reach - Side Mount	20' 3" (6.17m)
Height to Bottom of Basket*	29' 1" (8.85m)
Working Height*	34' 1" (10.38m)
Stowed Height*	10' 4" (3.15m)
Outer Boom Articulation in Degrees	-14° to 77°
Standard Basket Capacity	300 lbs (136 kg)
Minimum Non-Tracking Insulation Gap	24" (0.61m) Std. Tip (UVI only)
UVI Tested and Rated for Category D	46kV (and below per ANSI A92.2-2021)
UVN and UVI Meet or Exceed	ANSI 92.2-2021 (and OSHA Requirements)

\*Based on 25" (0.63m) chassis floor height

## HYDRAULIC SPECS

Operating Pressure	2,500 PSI (176kg/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



## MECHANICAL SPECS

- + 540° boom rotation with mechanical stop
- + Rotation drive is hourglass worm gear acting on a shear ball bearing
- + Hydraulic basket 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 adjustable 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

## CONTROLS

- + Proportional upper controls with single handle actuator
- + Full pressure upper controls (UVI35B-Sprinter)
- + Handheld remote lower controls
- + Emergency lowering - 12/24VDC powered
- + UVN basket controls are electric cable connection to valve
- + UVI basket controls are radio interface to lower controls (UVI 35A)
- + Engine stop/start provided with "HE" and "DP" options
- + Emergency stop is provided at basket controls

UVN35A meets and exceeds ANSI A92.9-2021 & OSHA Requirements \* based on 32 in (0.81 m) Chassis Height



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