

# SkyTel

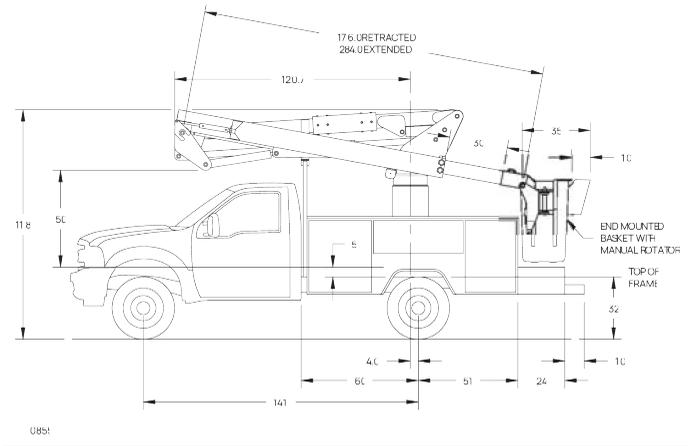
## Articulated-Telescopic Aerial Lift

Insulated or Non-Insulated

UTLN 46

UTLI 46

UTLI 46A



UTLI 46A Dimensional Outline

## The Lift Crews Count On—Day In, Day Out

### STRENGTH, INNOVATION & SERVICE FROM UTEM

- + Proportional electric-over-hydraulic upper controls (UTLN46)
- + Proportional full pressure individual lever upper controls (UTLI 46A)
- + Proportional radio upper controls (UTLI46)
- + Outer boom is high strength steel
- + Aluminum innerboom (UTLN46)
- + Inner boom is oven cured epoxy resin fiberglass (UTLI 46/46A)
- + Non-tracking 30 in. insulation gap
- + Non-lube bearings at all points of boom movement

### OPTIONAL EQUIPMENT

- + Full pressure single stick upper controls
- + Continuous rotation
- + Baskets with steps, walk-thru with door and chain opening
- + Basket liners and covers
- + Manual or hydraulic basket rotator
- + End mount basket
- + Hydraulic tool outlet at basket
- + 12/24 VDC Emergency powered lowering
- + Dielectric category C rating with boom tip covers
- + Outriggers for increased stability
- + Torsion bars for increased stability

Sales: 1-888-765-3322 | Office: 254-857-8204 | Fax: 255-857-9253

901 Enterprise Blvd, Hewitt, TX 76643 [UTEMbuckets.com](http://UTEMbuckets.com)



## DIMENSIONAL SPECS

	UTLN 46 / UTLI 46 / UTLI 46A
Horizontal side reach - side mount	25 ft 8 in (7.84m)
Horizontal side reach - end mount	27 ft 8 in (8.43m)
Height to bottom of basket	40 ft 9 in (12.41m)
Working height <sup>1</sup>	45 ft 9 in (13.94m)
Stowed height <sup>1</sup>	10 ft 2 in (3.10m)
Upper boom articulation in degrees	-14° to 77°
Lower boom articulation in degrees	-4° to 90°
Standard basket capacity	300 lbs (136kg)
Maximum basket capacity	400 lbs (181g)

UTLI tested and rated for category D 46Kv and below per ANSI A92.2-2021  
 UTLI 46A meets or exceeds ANSI A92.2-2021 and OSHA requirements

<sup>1</sup> Based on 36 in (0.91m) chassis frame height.

## RECOMMENDED CHASSIS REQUIREMENTS

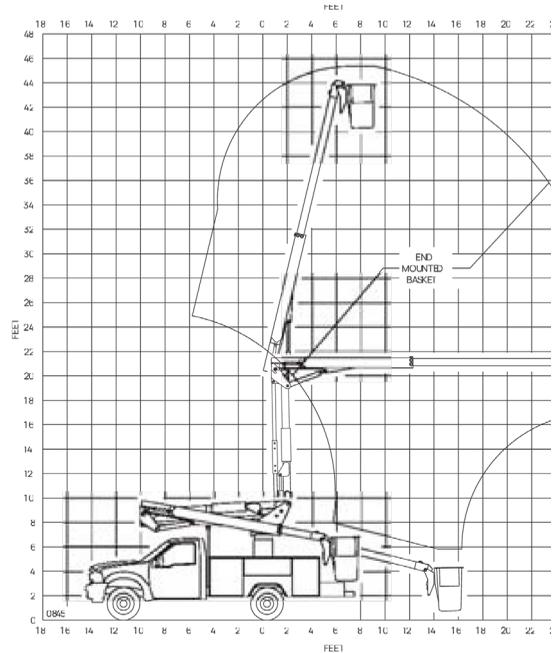
	UTLI 46A
Vehicle GVWR	17,500 lbs
Front axle GAWR	6,000 lbs
Rear axle GAWR	13,500 lbs
Frame section modulus	8 in <sup>3</sup>
RBM of frame	280k in lbs
Approximate weight for stability	14,200 lbs

## HYDRAULIC SPECIFICATIONS

UTLI 41A operating pressure	2200 PSI (155kg/cm <sup>2</sup> )
UTLI 46A operating pressure	2500 PSI (176kg/cm <sup>2</sup> )
Flow rate	3 to 3.5 GPM (11.4 lpm)
Reservoir capacity w/sight gauge	15 Gal (57l)
Suction strainer mounted in reservoir	100 Mesh
Return line filter with bypass	10 Micron

## CONTROLS

- + Electric over hydraulic proportional upper controls (UTLN46, UTLI46)
- + Full pressure individual lever locking upper controls (UTLI 46A)
- + Turret mounted full pressure lower controls
- + Engine stop/start provided with "HM" hydraulics
- + Emergency stop is provided at basket controls
- + Upper control override is included
- + Master switch in chassis cab is provided (UTLI46)
- + Keyed master lower controls switch (UTLN46 / UTLI46)



## MECHANICAL SPECS

- + 540° boom rotation with mechanical stop
- + Rotation drive is hourglass worm gear acting on a shear ball bearing
- + Hydraulic bucket leveling
- + All hoses or 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 aluminum (UTLN) or machine wound FRP (UTLI)
- + Pedestal is welded structure with reservoir mounted inside
- + Standard color is UTEM white powder coat
- + Body harness with adjustable length shock absorbing lanyard included
- + Dielectric category D rating (UTLI)