

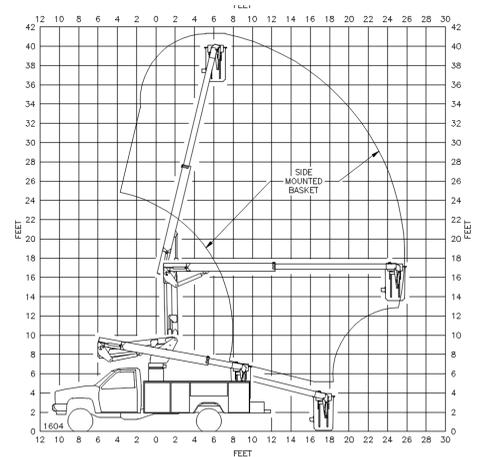
SkyTel

Articulated-Telescopic Aerial Lift

Insulated or Non-Insulated UTLN 41

UTLI 41

UTLI 41A



The Lift Crews Count On—Day In, Day Out

STRENGTH, INNOVATION & SERVICE FROM UTEM

- + Proportional electric-over-hydraulic upper controls (UTLN41)
- + Proportional full pressure individual lever upper controls (UTLI 41A)
- + Proportional radio upper controls (UTLI41)
- + Outer boom is high strength steel
- + Aluminum innerboom (UTLN41)
- + Inner boom is oven cured epoxy resin fiberglass (UTLI 41/41A)
- + 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 or 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



DIMENSIONAL SPECS

	UTLN 41 / UTLI 41 / UTLI 41 A
Horizontal side reach - side mount	25 ft 9 in (7.86m)
Horizontal side reach - end mount	27 ft 9 in (8.46m)
Height to bottom of basket	36 ft 9 in (11.19m)
Working height ¹	41 ft 9 in (12.72m)
Stowed height ¹	10 ft 2 in (3.10m)
Upper boom articulation in degrees	-14° to 77°
Lower boom articulation in degrees	-6° 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 41A meets or exceed ANSI A92.2-2021 and OSHA requirements

¹ Based on 36 in (0.91m) chassis frame height.

RECOMMENDED CHASSIS REQUIREMENTS

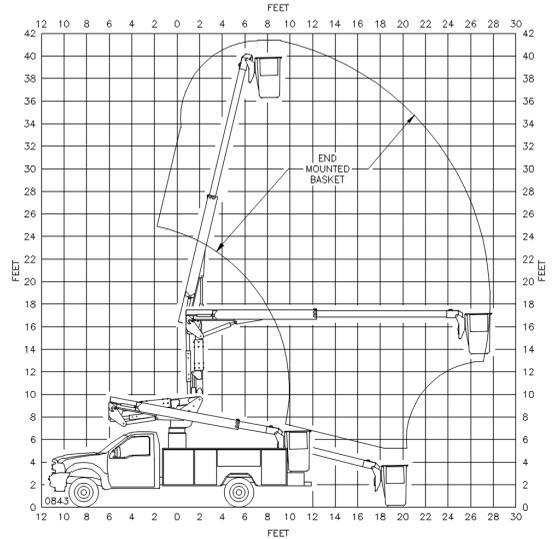
	UTLI 41A
Vehicle GVWR	15,000 lbs
Front axle GAWR	6,000 lbs
Rear axle GAWR	11,000 lbs
Frame section modulus	8 in ³
RBM of frame	280k in lbs
Approximate weight for stability	12,200 lbs

HYDRAULIC SPECIFICATIONS

UTLI 41A operating pressure	2200 PSI (155kg/cm ²)
UTLI 46A operating pressure	2500 PSI (176kg/cm ²)
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
- + Full pressure individual lever locking upper controls
- + Turret mounted full pressure lower controls
- + Engine stop/start provided
- + Emergency stop is provided at basket controls
- + Upper control override is included
- + Master switch in chassis cab is provided (UTLI41A)
- + Keyed master lower controls switch (UTLN41 / UTLI41)



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 C rating (UTLI)

