

SkyTracker

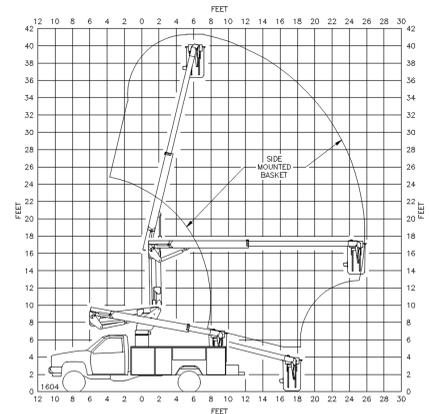
Over-center Articulated Aerial Lift

UTI/UTN 3424

UTI/UTN 3827

UTI/UTN 4230

Insulated or
Non-Insulated



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

STRENGTH, INNOVATION & SERVICE FROM UTEM

- + **Exclusive 540 degree boom rotation** with hourglass worm gear drive provides smooth and self locking rotation with a mechanical stop
- + Hydraulic overcenter limit
- + Upper and lower booms are high-strength, low-alloy steel
- + Provides low weight and maximum strength

OPTIONAL EQUIPMENT

- + Baskets with step, walk-thru withdoor or chain and duck-under
- + Basket liners & covers
- + Extended fiberglass section for 78 in (2.0m) insulation gap (UTI 3424/3827) / 108" (UTI 4230)
- + Chassis insulation system on UTI3827
- + Continuous and unrestricted boom rotation
- + Single stick upper controls
- + Manual or hydraulic basket tilt
- + "EHM" electric/hydraulic drive system
- + "DPM" dual hydraulic power system
- + Emergency lowering - 12VDC powered
- + Hydraulic tool outlet at upper and/or lower controls
- + Dielectric Category C w/ boom tip cover
- + Outriggers for increased stability
- + Torsion bars for increased stability

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

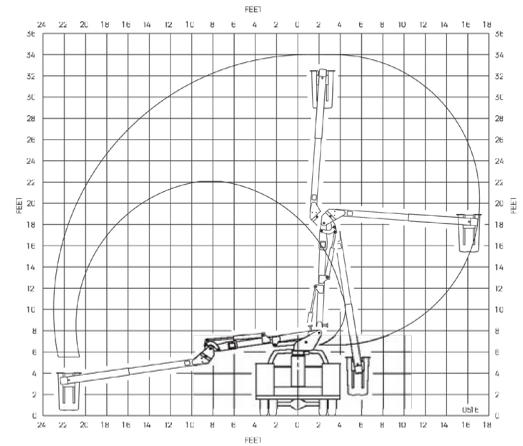
901 Enterprise Blvd, Hewitt, TX 76643 UTEMbuckets.com



DIMENSIONAL SPECS

| | UTI/UTN3424 | UTI/UTN3827 | UTI/UTN4230 |
|--|---------------------------------|----------------------------------|--------------------|
| Horizontal side reach - overcenter | 23 ft (7.01m) | 27 ft (8.23m) ² | 30 ft (9.14m) |
| Height to bottom of basket | 29 ft 8 in (9.04m) | 33 ft 8 in (10.25m) ² | 37 ft (11.27m) |
| Working height ¹ | 34 ft 8 in (10.56m) | 38 ft 8 in (11.78m) ² | 42 ft (12.80m) |
| Stowed height ¹ | 10 ft 3 in (3.12m) | 10 ft 3 in (3.12m) | 10 ft 8 in (3.20m) |
| Upper boom articulation in degrees | 180° Relative to the lower boom | | |
| Lower boom articulation in degrees | -8° to 93° | | |
| Standard basket capacity | 300 lbs (136kg) | | |
| Standard insulation gap | 42" (1.07m) on UTI Models | | |
| UTI Tested and rated for Category D 46kV and below per ANSI A92.2-2021 | | | |

UTI/UTN 3424



UTEM aerials meet or exceed ANSI A92.2-2021 and OSHA Requirement

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

²Add 7 in (.18m) with chassis insulation system

MINIMUM CHASSIS REQUIREMENTS

| | UTI/UTN3424 | UTI/UTN3827 & UTI/UTN 4230 |
|----------------------------------|---------------------|----------------------------|
| Vehicle GVWR | 10,100 lbs | 14,500 lbs |
| Front axle GAWR | 4,000 lbs | 5,000 lbs |
| Rear axle GAWR | 7,500 lbs | 11,000 lbs |
| Frame section modulus | 5.4 in ³ | 6.5 in ³ |
| RBM of frame | 195k in lbs | 234k in lbs |
| Approximate weight for stability | 7,100 lbs | 10,000 lbs |

HYDRAULIC SPECIFICATIONS

| | UTI/UTN3424 | UTI/UTN3827 | UTI/UTN4230 |
|---------------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Operating pressure UTI/N3424 | 1800 PSI (127kg/cm ²) | 2200 PSI (127kg/cm ²) | 3000 PSI (176kg/cm ²) |
| Reservoir capacity w/sight gauge | 10 Gal (38L) | | 15 Gal (57L) |
| 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
- + Upper control override integral to the lower control valve
- + Upper control emergency stop integral to the control valve
- + Basket leveling by chain and rod mechanical system
- + Boom cylinders have integral load holding valves
- + High strength boom pins with greaseable pin bosses
- + Booms are high strength low alloy steel
- + Pedestal is welded structure with reservoir mounted inside
- + Standard color is UTEM white powder coast
- + Body harness with shock absorbing lanyard
- + Dielectric Category D Rating – UTI

