

Lift & Tilt Tables

Scissor Lift & Tilt

Lift height and tilt angle are controlled independently allowing operators to position loads precisely at the most comfortable height and working angle. Because the tilt cylinder is set into the lifting platform, the unit's lowered height is reduced.

Features

X3WT and X4WT Series

- One power unit for lift & tilt functions
- Internal 1 HP 115/1/60 power unit
- Standard pedestal controls
- Optional dual foot or hand controls available
- Choose 30° or 45° tilt

XLT Series

- Lift Power: 1 HP 115/1/60
- Tilt Power: 1 HP 115/1/60
- Standard dual hand or foot controls
- Optional pedestal controls available
- Choose 30° or 45° tilt
- 60° and 89° tilt models available



Model X3WT shown with standard pedestal control

Model Number	Load Capacity	Raised Height	Lowered Height	Degree of Tilt	Standard Base	Maximum Platform	Lifting Speed	Tilting Speed	Shipping Weight
X3WT Series									
X3WT36-20	2000 lbs	47-1/2"	11-1/2"	30°/45°	36 x 48"	60 x 60"	42 sec	8 sec	1370 lbs
X3WT36-40	4000 lbs	47-1/2"	11-1/2"	30°/45°	36 x 48"	60 x 60"	43 sec	8 sec	1420 lbs
X4WT Series									
X4WT36-20	2000 lbs	47-1/2"	11-1/2"	30°/45°	48 x 48"	72 x 60"	42 sec	8 sec	1450 lbs
X4WT36-40	4000 lbs	47-1/2"	11-1/2"	30°/45°	48 x 48"	72 x 60"	43 sec	8 sec	1500 lbs
XLT Series									
XLT36-10	1000 lbs	49-3/4"	13-3/4"	30°/45°	24 x 48"	48 x 48"	20 sec	15 sec	1000 lbs
XLT36-20	2000 lbs	50-3/4"	14-3/4"	30°/45°	24 x 48"	50 x 50"	30 sec	15 sec	1100 lbs
XLT36-40	4000 lbs	50-3/4"	14-3/4"	30°/45°	24 x 48"	50 x 50"	44 sec	15 sec	1350 lbs

Lift & Tilt tables are a great product to prevent excessive bending and reaching into containers. For Lift & Tilt applications however, it is always important to know the size of the load, including height, to help determine the load center of gravity as it moves through the tilt application. Please contact your sales coordinator when considering a Lift & Tilt unit for your customer's application.



Upenders

Upenders with 90° tilt are used to re-orient loads from horizontal to vertical positions. They are ideal for changing rolls or coils from "eye-to-the-sky" to "eye-to-horizon" quickly and easily without damage.

Model Number	Load Capacity	Bed/Low Height*	Platen Height*	Degree of Tilt	Maximum Platform	Maximum Platen	Standard Voltage
UT90 Series							
UT90-20	2000 lbs	25"	5"	90°	48 x 84"	48 x 48"	460/3/60
UT90-40	4000 lbs	25"	5"	90°	48 x 84"	48 x 48"	460/3/60
UT90-60	6000 lbs	25"	5"	90°	48 x 84"	48 x 48"	460/3/60

*when parallel to the floor



Upender shown with optional forks and V-cradle

Mechanical Options

Description and Specification

Oversized Platform - platforms can be increased in width and length up to an additional 24". Side- and end-load capacities are derated 2% per inch of increase. Oversized models must be lagged to the floor. *Tandem and Dual Series Lift Tables*

Turntables - See Page 31. Available free-standing, mounted to a stand, or installed on a scissor lift.

Gravity Conveyor Top - for straight-line movement of work loads. Available with 1-9/10" and 2-1/2" diameter steel rollers. Specify roller centers. This option adds either 3-3/4" or 4-3/8" to the lowered and raised elevations.

Ball Transfer Top - for multi-directional movement of work loads. Available with 1" diameter steel ball casters. Specify ball centers. This option adds either 2-3/4" or 3-3/4" to the lowered and raised elevations.

Fixed End & Side Rails - mounted to lift platform or conveyor section. Specify rail height.

Optional Platforms & Overlay Material - for special handling of loads. V-cradle tops, stainless steel, diamond plate, and UHMW.

Pit-Mounted Units - for ground-level applications, requires either a platform with beveled edges or electro-mechanical toe guard. Lifting eyes required for installation and external motor recommended.

Platform with Beveled Edges - welded at 30° angles, increases the standard platform by 4" on all sides.

Electro-Mechanical Toe Guard and Toe Sensor Edge - mounted to the underside of the platform, adds 4" on all sides.

Lifting Eyes - provided for installation and transporting of a unit with a sling or a lifting chain.

Accordion (Bellows) Skirt - designed to cover the scissor leg assembly of the lift table. XL24 Series, XL36 Series, XL48 series, XL60 Series. Additional models and portable lifts, contact Sales.

Portable / Semi Live Arrangement - Includes two fixed 5" wheels on one side/end (specify side or end mount) and a pull plate with a wheeled dolly handle on the opposite end/side of the base frame. For moving lifts when empty. XL models, X3W and X4W models, Oversized Platform & other models.

Transportable Units - Two rigid and two swivel casters with 6" dia. steel or texite wheels (please specify) and one Presto heavy-duty foot operated floor lock. This option adds between 5" and 10-1/4" to the lowered and raised elevation (elevations vary with caster location; consult Sales if the lowered height is critical).
models XL24-20, 40, XL36-20, 40
models XL48-20, 40, X3W24-20, 40, X3W36-20, 40, X3W48-20, 40
models XL60-20, 40, X4W24-20, 40, X4W36-20, 40, X4W48-20, 40
models X4.5W-20, 40
Capacities above 4000 lbs, models with oversized platforms, and Lift & Tilt models.

Flanged or V-Grooved Wheels - 5" steel wheels for Transportable Units only, sold per pair.

Removable Push Handle

Fork Pockets - 6" x 3" or 8" x 3" enclosed steel tube. Specify fork spread when consulting sales. Adds 3" to the lowered and raised elevations when mounted under the base frame.

Super Cycle - For high-cycle applications, contact Sales. Components in the base frames have been designed for high-volume, repetitive lifting applications.

Electric & Hydraulic Options

Description and Specification

NEMA 1 foot control with Safety Cover and 10' cord
(in place of standard hand control)

NEMA 1 wall mount push button, no cord
(in place of standard hand control)

NEMA 4 Hand controls and NEMA 4 foot controls

Pedestal-mounted Controls - NEMA 12 controller mounted on a rugged steel stand with momentary push buttons.

Optional Control Voltage - standard control voltage is 115V/1/60, can be upgraded to 24V/1/60 or 24V DC.

Maintained Contact Controls - includes one 3-button wall mount push button station, Up/Down/E-Stop (shipped loose). Price includes upper and lower limit switches.

External / Remote Power Units - all three-phase units include a transformer for low-voltage control, 6' of hose and a mounting stand.

Optional Power Unit Upgrades - convert from 1HP/115V/single phase to 1-1/2HP/230V/460V/3 phase (when selecting the 1-1/2HP 3 phase motor, please specify either a 1 GPM or 1.5 GPM pump). 3HP and 5HP motor/pump options.

12V DC & 24V DC Power Units - please specify if a power source is required. These options are available with or without a battery, battery compartment, and charger.

Upper Travel Limit Switch - wired & mounted (N4). Please specify maximum elevation.

Lower Travel Limit Switch - wired & mounted (N4). Please specify minimum lowered elevation.

Velocity Fuse - a safety feature to lock the unit in position in the event of a total hydraulic pressure loss. Price includes upper travel limit switch.

Water Washdown Motor Package (NEMA 4) - Water washdown rated 1HP motor and down valve. Includes oil-tight junction box and control panel. 3HP water wash down motor available.

Air Power Unit - air motor with hydraulic pump. 1.5 GPM at 80 PSI and 80 CFM of free air with lift fully loaded. Includes a hand or foot control valve (FRL not included).
Air filter & lubricator. Air limit switch (requires external power unit) mounted and plumbed.

Fire-Resistant Hydraulic Fluid - water-glycol fluids are fire-resistant, non-explosive and non-toxic. Approved by Factory Mutual Insurance Engineering Laboratories.

Low Temp or Aircraft Grade hydraulic fluid

Food Grade or Biodegradable hydraulic fluid