



# Tilt Table

## BEACON BHTT Series Hydraulic Tilt Table

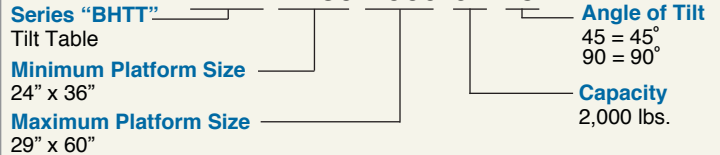


Heavy-Duty,  
Electrohydraulic  
2,000 to 6,000 lb.  
Capacity  
For Surface,  
Pit Installation  
or Lift Table  
Mounting

**BHTT-2439-2960-02-45**

### Model Number Format

**BHTT-2436-2960-02-45**



### Description

BEACON BHTT Series Hydraulic Tilt Tables are heavy-duty electro-hydraulic tables with capacities of 2,000 to 6,000 lbs., angles of tilt from 0 to 90 degrees with platform sizes of 24 x 36 to 120 x 120 in. Because they are autonomous products, BHTT Series Hydraulic Tilt Tables can be either mounted on scissor lifts or used as free-standing tilt tables.

### Standard Features

- Internally-mounted  $\frac{3}{4}$  or  $1\frac{1}{2}$  HP, 230V, 1PH, 60Hz, or 208/230/460V, 3PH, 60Hz intermittent duty TENV super torque motor
- Unit has an adjustable limit switch to precisely control the tilt angle
- 24V operating control voltage
- NEMA-4X constant-pressure (water-tight, dust-tight and corrosion-resistant) "UP-DOWN" Pushbutton box with 8 ft. straight cord
- NEMA-12 prewired controls (dust/drip-tight industrial type) with liquid-tight electrical connectors. Control box contains magnetic starter, control transformer, thermal overload and fuses
- 10 ft. power cord (connector plug not included)
- Smooth steel tops with  $\frac{3}{4}$  in. straight safety toeguards with black and yellow safety stripes on toeguards
- 4 in. high lip on hinge end
- Single acting hydraulic cylinders with internal stops to 45°. Double-acting hydraulic cylinders over 45°
- Hard, chrome-plated, polished shafting, hydraulic cylinder piston rods and axles
- Surfaces degreased, oxide primed and finished with two coats of enamel
- Lifetime self-lubricating, anti-friction bearings at all pivot points
- Internal high-pressure gear pump with check valve, relief valve, pressure-compensated flow control valve, solenoid valve, suction and return filters
- Includes hydraulic oil
- Hydraulic tilt tables may be installed on BHLT, BDSL or BCLT lift tables for lift and tilt applications

Selector Table for BHTT Series. Capacities 2,000 to 6,000 lbs.									
Angle of Tilt	Model	Capacity (pounds)	Platform Sizes (inches)		Height (inches) Lowered	Up Speeds (seconds)	Cylinders (qty.)	Motor Std. HP	Ship* Weight (pounds)
			Standard	Maximum					
45°	BHTT-2436-2960-02-45	2,000	24 x 36	29 x 60	10	15	1	$\frac{3}{4}$	700
	BHTT-3036-5060-02-45	2,000	30 x 36	50 x 60	10	15	1	$\frac{3}{4}$	750
	BHTT-5450-7272-02-45	2,000	54 x 50	72 x 72	10	15	1	$\frac{3}{4}$	850
	BHTT-2436-2960-04-45	4,000	24 x 36	29 x 60	10	30	2	$\frac{3}{4}$	725
	BHTT-3036-5060-04-45	4,000	30 x 36	50 x 60	10	30	2	$\frac{3}{4}$	775
	BHTT-5450-7272-04-45	4,000	54 x 50	72 x 72	10	30	2	$\frac{3}{4}$	875
	BHTT-2436-2960-06-45	6,000	24 x 36	29 x 60	10	22	3	$1\frac{1}{2}$	750
	BHTT-3036-5060-06-45	6,000	30 x 36	50 x 60	10	22	3	$1\frac{1}{2}$	800
90°	BHTT-5450-7272-06-45	6,000	54 x 50	72 x 72	10	22	3	$1\frac{1}{2}$	900
	BHTT-2436-2960-02-90	2,000	24 x 36	29 x 60	10	30	1	$\frac{3}{4}$	725
	BHTT-3036-5060-02-90	2,000	30 x 36	50 x 60	10	30	1	$\frac{3}{4}$	775
	BHTT-5450-7272-02-90	2,000	54 x 50	72 x 72	10	30	1	$\frac{3}{4}$	875
	BHTT-2436-2960-04-90	4,000	24 x 36	29 x 60	10	60	2	$\frac{3}{4}$	750
	BHTT-3036-5060-04-90	4,000	30 x 36	50 x 60	10	60	2	$\frac{3}{4}$	800
	BHTT-5450-7272-04-90	4,000	54 x 50	72 x 72	10	60	2	$\frac{3}{4}$	900
	BHTT-2436-2960-06-90	6,000	24 x 36	29 x 60	10	45	3	$1\frac{1}{2}$	775
45°	BHTT-3036-5060-06-90	6,000	30 x 36	50 x 60	10	45	3	$1\frac{1}{2}$	825
	BHTT-5450-7272-06-90	6,000	54 x 50	72 x 72	10	45	3	$1\frac{1}{2}$	925
	BHTT-6078-8490-02-45	2,000	60 x 78	84 x 90		22	2	$\frac{3}{4}$	875
	BHTT-9696-96102-02-45	2,000	96 x 96	96 x 102		22	2	$\frac{3}{4}$	950
	BHTT-102108-120120-02-45	2,000	102 x 108	120 x 120		22	2	$\frac{3}{4}$	1,050
	BHTT-6078-8490-04-45	4,000	60 x 78	84 x 90		30	3	1	900
	BHTT-9696-96102-04-45	4,000	96 x 96	96 x 102		30	3	1	975
	BHTT-102108-120120-04-45	4,000	102 x 108	120 x 120		30	3	1	1,075
90°	BHTT-6078-8490-06-45	6,000	60 x 78	84 x 90		45	4	$1\frac{1}{2}$	925
	BHTT-9696-96102-06-45	6,000	96 x 96	96 x 102		45	4	$1\frac{1}{2}$	1,000
	BHTT-102108-120120-06-45	6,000	102 x 108	120 x 120		45	4	$1\frac{1}{2}$	1,100
	BHTT-6078-8490-02-90	2,000	60 x 78	84 x 90		45	2	$\frac{3}{4}$	925
	BHTT-9696-96102-02-90	2,000	96 x 96	96 x 102		45	2	$\frac{3}{4}$	1,000
	BHTT-102108-120120-02-90	2,000	102 x 108	120 x 120		45	2	$\frac{3}{4}$	1,100
	BHTT-6078-8490-04-90	4,000	60 x 78	84 x 90		55	3	1	950
	BHTT-9696-96102-04-90	4,000	96 x 96	96 x 102		55	3	1	975
90°	BHTT-102108-120120-04-90	4,000	102 x 108	120 x 120		55	3	1	1,125
	BHTT-6078-8490-06-90	6,000	60 x 78	84 x 90		75	4	$1\frac{1}{2}$	975
	BHTT-9696-96102-06-90	6,000	96 x 96	96 x 102		75	4	$1\frac{1}{2}$	1,050
	BHTT-102108-120120-06-90	6,000	102 x 108	120 x 120		75	4	$1\frac{1}{2}$	1,150

\*Standard platforms only. Standard power supply is 230V/1PH/60Hz. For alternate power supplies, consult marketing. Standard power unit on model with platform widths 24" thru 29" is "external". Standard power unit on model with platform widths 30" thru 120" is "internal". Hydraulic tilt tables may be installed on BHLT/BDSL/BCLT Series lift tables for lift and tilt applications. For special sizes or angle of tilt, consult marketing. 90° Tilt Tables have double acting cylinders. Alternate 208/230/460V, 3PH, 60Hz power unit available.



# Tilt Table

## BEACON BHTT Series Hydraulic Tilt Table

Options and Accesories		
Model	Description	Weight
BHLT-PU-R	Remote Power Units with 5'0" Hydraulic Hose	25 lbs.
BHLT-PU-3PH	Three Phase Power Unit (¾ or 1½HP) and Linestarter, Transformer	-----
BELC-P107-08	Up-Down Push Button Station, NEMA 4, Wall Mounting	3 lbs.
BELC-P107-03	Key Operated "Up-Down" Selector	3 lbs.
BELC-P107-10	UP/DN Push Button with Key Lockout	3 lbs.
BELC-P108-01	Foot Operated Control, NEMA 1 with Guard	8 lbs.
BELC-P109-09	Up Limit Switch	1 lb.
BELC-P109-10	Down Limit Switch (90° Tilt Only)	1 lb.
BELC-P112-01	Control Coil Cord - 20' Extended	3 lbs.
BHLT-P012	Electric Toeguards (Tapeswitch) For Straight Toeguards	2.25 lbs./ft.
BHLT-P013	Electric Toeguards (Tapeswitch) For Beveled Toeguards	2.25 lbs./ft.
BHLT-PF-BTG	Beveled Toeguards for Pit Mounting	-----
BHLT-P009	Accordion Bellows Skirting for mounting to Straight Toeguards - Surface Mounted	-----
BHLT-P010	Accordion Bellows Skirting for mounting to Beveled Toeguards - Pit Mounted	-----
BHLT-CONV	Conveyor Tops	-----

### Limited Warranty Policy

Refer to Warranty Form for specific details.

Specifications are subject to change without notice.

BHTT Series Tilt Tables are one of a group of BEACON materials handling products.

