

# **38** Material Handling Equipment

## Lift Tables



#### A BHS LIFT TABLE FOR EVERY TASK

With dozens of Scissor Lift Table models and two types of Pallet Carousel & Skid Positoners available, BHS products are ready to meet any challenge. Full custom builds available on request. Contact us at bhs@bhs1.com to learn more.





## PRESENTING OUR NEWEST INNOVATION

## **SCISSOR LIFT TABLES**

Scissor Lift Tables (LT) from BHS position work, transfer heavy materials, and elevate loads for every mission-critical task. These material-handling mainstays are available in a variety of sizes and configurations, with custom options to meet any specification.

## **Ergonomics for Industrial Applications**

Ergonomic work positioning reduces the risk of musculoskeletal disorders, fatigue, and other injuries. Lift Tables fit the work to the worker, and they eliminate heavy lifting and awkward postures in dozens of applications, from warehousing to manufacturing to machine repair.



## **Configurable to Task**

Many options for many uses. Attachments like Turntable, Ball Transfer, and Roller Conveyor tabletops slot LTs into existing material handling systems.



### **Best-in-Class Hydraulics**

Closed hydraulic circuits provide high-cycle reliability. Hardened chrome piston rods and a honed cylinder preserve seals. All hydraulic components fit within the frame, protecting them from potential damage.



#### **Heavy Duty Capacity**

Load limits range between 2,000 and 10,000 pounds, depending on model, to match any application.



#### **Extended Reach**

Dual-scissor models double available height at full extension. Custom designs meet any elevation requirement.

#### MAXIMIZE PRODUCTIVITY. MINIMIZE OPERATOR FATIGUE

## SCISSOR LIFT TABLE

## **LIFT TABLES**



#### ASK ABOUT CUSTOM WAREHOUSE EQUIPMENT FOR YOUR UNIQUE APPLICATION.

Choosing the right Lift Table can lead to notable increases in productivity and greatly reduce strain and stress in warehouse staff. BHS lift tables are highly customizable. Contact our sales department at **1.800.BHS.9500** to find the right tables for your operation.

### Lift Table with Single Scissors (LT)

#### **MODELS & SPECIFICATIONS**

NOTE: See next page for all available options.

Model	Conscitu	Vertical	Table	Height	Table Dimensions		Power Unit			
Model	Capacity	Travel	Min	Max	Width	Length	HP	Voltage	Elevation Time	
LT2K-24-48	2,000 lb 907 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	24" 610 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	20 s	
LT2K-36-48	2,000 lb 907 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	36" 914 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	20 s	
LT2K-48-48	2,000 lb 907 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	48" 1219 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	20 s	
LT2K-48-72	2,000 lb 907 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	48" 1219 mm	72" 1829 mm	2	230/460 V / 3 ph / 60 Hz	20 s	
LT4K-24-48	4,000 lb 1814 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	24" 610 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	25 s	
LT4K-36-48	4,000 lb 1814 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	36" 914 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	25 s	
LT4K-48-48	4,000 lb 1814 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	48" 1219 mm	48" 1219 mm	2	230/460 V / 3 ph / 60 Hz	25 s	
LT4K-48-72	4,000 lb 1814 kg	37.5" 953 mm	8.5" 216 mm	46" 1169 mm	48" 1219 mm	72" 1829 mm	2	230/460 V / 3 ph / 60 Hz	25 s	
LT6K-36-48	6,000 lb 2722 kg	37.5" 953 mm	11" 279 mm	46" 1169 mm	36" 914 mm	48" 1219 mm	3	230/460 V / 3 ph / 60 Hz	30 s	
LT6K-48-48	6,000 lb 2722 kg	37.5" 953 mm	11" 279 mm	46" 1169 mm	48" 1219 mm	48" 1219 mm	3	230/460 V / 3 ph / 60 Hz	30 s	
LT6K-48-72	6,000 lb 2722 kg	37.5" 953 mm	11" 279 mm	46" 1169 mm	48" 1219 mm	72" 1829 mm	3	230/460 V / 3 ph / 60 Hz	30 s	







## Lift Table with Dual Scissors (LTD)

## **MODELS & SPECIFICATIONS**

NOTE: See next page for all available options.

		Vertical	Table Height Table Dimensions			mensions	Power Unit			
Model	Capacity	Travel	Min	Max	Width	Length	HP	Voltage	Elevation Time	
LTD2.5K-24-48	2,500 lb 1134 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	48" 1219 mm	3	480 V ac / 3 ph / 60 Hz	18 s	
LTD2.5K-24-53	2,500 lb 1134 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	53" 1346 mm	3	480 V ac / 3 ph / 60 Hz	18 s	
LTD2.5K-36-48	2,500 lb 1134 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	36" 914 mm	48" 1219 mm	3	480 V ac / 3 ph / 60 Hz	18 s	

### Lift Table with Dual Scissors (LTD) Continued...

**MODELS & SPECIFICATIONS** 

NOTE: See below for all available options.

Model	Capacity	Vertical	ertical Table Height		Table Dir	mensions	Power Unit			
Model	Сараспу	Travel	Min	Max	Width	Length	HP	Voltage	Elevation Time	
LTD2.5K-48-48	2,500 lb 1134 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	48" 1219 mm	3	480 V ac / 3 ph / 60 Hz	18 s	
LTD2.5K-48-72	2,500 lb 1134 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	72" 1829 mm	3	480 V ac / 3 ph / 60 Hz	18 s	
LTD4K-24-48	4,000 lb 1814 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD4K-24-53	4,000 lb 1814 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	53" 1346 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD4K-36-48	4,000 lb 1814 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	36" 914 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD4K-48-48	4,000 lb 1814 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD4K-48-72	4,000 lb 1814 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	72" 1829 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD6K-24-48	6,000 lb 2722 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD6K-24-53	6,000 lb 2722 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	24" 610 mm	53" 1346 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD6K-36-48	6,000 lb 2722 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	36" 914 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD6K-48-48	6,000 lb 2722 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	48" 1219 mm	*	480 V ac / 3 ph / 60 Hz	*	
LTD6K-48-72	6,000 lb 2722 kg	60.75" 1543 mm	11.5" 292 mm	72.188" 1834 mm	48" 1219 mm	72" 1829 mm	*	480 V ac / 3 ph / 60 Hz	*	

<sup>\*</sup> Consult Factory for HP and elevation times

## **Options for Scissor Lift Tables**

**AVAILABLE OPTIONS PER MODEL** 

LT

LTD



<b>A5G</b> Accordion Skirt Guard	<i>BT</i> Ball Transfer	<b>RC</b> Roller Conveyor	<i>LR</i> Loading Ramp	<i>TT</i> Turntable	<i>PD</i> Powered Drive	
Encloses underside of lift table, protecting the lift mechanism from dirt and foreign objects	Tabletop attachment utilizes fixed ball transfers to easily maneuver a load or for integration with other handling equipment	Tabletop attachment utilizes rollers for integration with other handling equipment	res rollers for lowered height of lift table to provide er handling grant of level		A permanently fixed self-propelled DC powerhead drives the lift table. The frame is equipped with additional casters for easy maneuvering	
X	X	X	X	X	X	
X	X	X	X	X	X	

Note: Tabletop options are bolt on and easily removable. Only one tabletop option may be in use at a time. Tabletop options effect Min/Max height.

## **LET'S BUILD A LIFT TABLE TOGETHER**

## Customize Scissor Lift Tables to Meet Your Needs



#### What Can Be Customized?

- Auto-Leveling
- Tilting Tabletops
- Fork Pockets
- Lifting Eyes
- Anti-Skid Tabletops
- DC Power
- Double Acting Cylinders
- Electrical Quick Disconnect
- Visual or Audible Signals
- One-Touch Auto Leveling

- Casters
- Handlebar
- Vee-Cradle Tabletop
- Pedestal/Wall Mounted Controls
- Two-Hand Control

Not all material handling challenges are solved with standard equipment. BHS can help you improve safety and efficiency with equipment tailored to the task. Contact BHS to discuss your requirements at **1.800.BHS.9500**.





### **WAREHOUSE EQUIPMENT**

## PALLET CAROUSEL & SKID POSITIONER

Pallet Carousel & Skid Positioners (PCSP) from BHS improve ergonomics and efficiency when working with pallets. These self-leveling turntables hold pallets at a safe level even as work height changes, allowing users to remain in a stable, comfortable position throughout the task.

## **Energy-Free Assistance for Loading and Unloading Pallets**

There's no need for power supply with the PCSP. Pneumatic models can be disconnected from shop air once the airbag is inflated, while spring-actuated models don't require external power sources of any kind. Provide ergonomic support wherever pallets are found, regardless of infrastructure.



#### Match Pallet Work to the Worker

Turntables rotate a full 360 degrees for full access from a single point, while a small base allows users to keep work close to the body for greater ergonomics. Self-leveling function keeps work height the same at every layer.



#### **Automatic Positioning**

The PCSP is outfitted with a dampener that provides smooth, gradual raising and lowering without bounce while automatically positioning loads between 10.5" and 27.75" (267 mm and 705 mm).



## **Mobile Work Space**

The stable design eliminates need to anchor the unit to the floor and built in two-way fork pockets conveniently allow transport of unit to different work spaces.



## Reduces Workplace Accidents

The ergonomic PCSP reduces awkward movement such as bending, stooping, reaching or walking around. This reduces the strain on workers and allows them to work safely.

#### EMPOWER YOUR WORKERS WITH ERGONOMIC DESIGN

## PALLET CAROUSEL & SKID POSITIONER

### **LIFT TABLES**

#### **Smooth Rotation**

Sealed ball bearings for easily rotating 360°

#### **Automatic**

Completely automatic, requiring no power or air supply for operation\*\*

#### Customizable



Custom platforms available to fit any need

## **Spring Controlled**

Three heavy-duty springs automatically adjust pallet height\*\*



## **Modular Options**

**Easily Transported** 

Built in two-way fork pockets conveniently allow transport

of unit to workspace



Choose from any combination of options on page 11 of this literature to create your perfect efficiency boosting solution

#### **Heavy Duty**

Durable powder coat finish makes the PCSP resistant to warehouse wear and tear

#### **Non Powered**

Requires no electrical power and can be disconnected from shop air or compressor once airbag is inflated\*

#### **Reinforced Airbag**

7-ply reinforced rubber airbag to lift the PCSP-P to the proper height safely\*

#### **Lowered Effortlessly**



The pressure relief valve located on the side of the table allows you to lower the PCSP-P down efficiently\*



PCSP-P-43

Self-leveling accomplished via pneumatic airbag

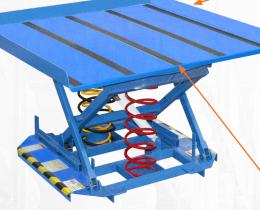
#### Small Footprint

Small base allows workers to stand up close to the unit for better ergonomics

- \* Pneumatic Airbag Self-Leveling (PCSP-P) unit only
- \*\* Spring Operated Self-Leveling (PCSP-S) unit only

#### **Containment Lip**

Lipped platform secures contents, with or without pallet



PCSP-S-4548-ST 45" x 48" Square Solid Platform with Skid Tape and Containment Lip

## **Anti-Skid Tape**

Anti-Skid Traction Tape eliminates slippery platforms for added safety



Square tabletop matches standard sized pallet dimensions

#### **MODELS & SPECIFICATIONS**

Model	Tabletop Description	Vertical	Capacity	Table Height		Base	Base	Overall	Overall
Model	rabictop Description	Travel	Gapacity	Min	Max	Width	Length	Width	Length
	SPRING LOADED SELF LEVELING TABLES								
PCSP-S-43	43" Round Open Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-S-43-SC	43" Round Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-S-43-SSC	43" Round Stainless Steel Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-S-4548	45" x 48" Square Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm
PCSP-S-4548-ST	45" x 48" Square Solid Platform with Skid Tape and Containment Lip	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm
PCSP-S-4548-ST-NL	45" x 48" Square Solid Platform with Skid Tape - No Containment Lip	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm
		PNEUMATIC	AIRBAG SELF	LEVELING TA	ABLES				
PCSP-P-43	43" Round Open Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-P-43-SC	43" Round Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-P-43-SSC	43" Round Stainless Steel Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-P-43-SS	43" Round Solid Platform - Fully Stain- less Steel	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	43" 1092 mm	43" 1092 mm
PCSP-P-4548	45" x 48" Square Solid Platform	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm
PCSP-P-4548-ST	45" x 48" Square Solid Platform with Skid Tape and Containment Lip	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm
PCSP-P-4548-ST-NL	45" x 48" Square Solid Platform with Skid Tape - No Containment Lip	17.25" 438 mm	4,500 lb 2041 kg	10.5" 266 mm	27.75" 705 mm	36.94" 938 mm	36.56" 929 mm	48" 1219 mm	45" 1143 mm

#### Options for Pallet Carousel & Skid Positioners

**AVAILABLE OPTIONS PER MODEL** 

PCSP-5







<b>ASG</b> Accordion Skirt Guard	<b>C</b> Casters	<i>TRF</i> Threaded Rod Feet			
Encloses underside of lift table, protecting the lift mechanism from dirt and debris	6" (152 mm) corrosion resistant phenolic casters for mobility (2 locking swivel casters and 2 non-locking, swivel casters). Adds 7.5" (191 mm) to all heights on standard fork pocket model	Four adjustable threaded rod feet can be independently adjusted to maintain levelness on uneven or damaged floors			
	X	х			
x	X	X			





