

***Battery & Charger Stands***  
***Battery Roller Stands***



BHS Battery Roller Stands provide the ideal location to charge, store, and exchange lift truck batteries with convenience and ease. Battery Roller Stands are constructed with heavy-duty steel for durability and spark-proof, poly-sleeved rollers to make battery transfers safe and easy. Countless compartment configurations, safety features, and options are available to provide custom solutions.

## Battery & Charger Stands System Stands

Heavy-duty, steel-constructed System Stands complement an Operator Aboard Battery Extractor System. The complete line of System Stands is available in Single Level, Double Stack, Triple Stack and Quad Stack models to accommodate system requirements.

### Available Models

**BS-SL:** Single Level System Stand

**BS-DS:** Double Stack System Stand

**BS-TS:** Triple Stack System Stand

**BS-QS:** Quad Stack System Stand



*Double Stack System*

### Features & Benefits

- Spark-proof, poly-sleeved rollers reduce corrosive build-up and extend product life
- Models available in various compartment widths to accommodate batteries from 12" to 48" (305 mm to 1219 mm)
- 40" (1016 mm) standard compartment depth
- Hitch pin-secured roller axles for ease of maintenance
- Rearward-pitched battery slots to assist in battery retention
- Welded system feet
- Six rollers per compartment
- Foot pad dimensions for DS, TS, and QS models: 0.75" x 6" x 8" (19 mm x 152 mm x 203 mm); for SL models: 0.25" x 3" x 5" (6 mm x 76 mm x 127 mm)
- Charger connector mounting holes
- Charger cable routing holes help protect cables from damage\*
- Charger anchoring slots for securing most makes of chargers
- Auxiliary backstops for DS, TS, and QS models provide compartment depths from 27.5" to 40" (699 mm to 1016 mm); for SL models: reduce compartment depth to 34" (864 mm)
- Custom designs available to fit all battery changing requirements



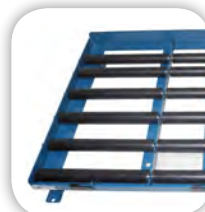
*Cable Routing Holes\**



*Flip-up Battery Safety Stop*



*Hitch Pins*



*Poly-sleeved rollers*



*Welded System Feet*

\* Applies to DS, TS & QS models only

## Available Options

|                            | BS-SL | BS-DS | BS-TS | BS-QS |
|----------------------------|-------|-------|-------|-------|
| Catwalk                    |       | •     | •     | •     |
| Ladder                     |       | •     | •     | •     |
| End Rail                   |       | •     | •     | •     |
| Rear Rail                  |       | •     | •     | •     |
| Charger Shelf Forward      | •     |       |       |       |
| Charger Shelf Rearward     | •     |       |       |       |
| Extended Compartment Depth | •     | •     | •     | •     |
| Drip Pan                   | •     | •     | •     | •     |
| Leg Extension              | •     |       |       |       |
| Poly Lead Roller           |       | •     | •     | •     |
| Rubber Backstop            | •     | •     | •     | •     |
| Shelf Extension - 6"       | •     |       |       |       |
| Sliding SB Connector Kit   |       | •     | •     | •     |

### Catwalk (BS-CW)

Provides walk area for charger maintenance and comes standard with front rail

### Ladder (BS-LDR)

Provides easy access to catwalk used for charger maintenance

### End Rail (BS-CW-ER)

Encloses charger servicing area on end of system

### Rear Rail (BS-CW-RR)

Encloses charger servicing area on rear of system

### Charger Shelf Forward (BS-FWD)

Space-saving shelf designed for battery rooms with limited space

### Charger Shelf Rearward (BS-RWD)

Offsets shelf to rear to eliminate obstruction over compartment

### Extended Compartment Depth (-46)

Increases roller compartment depth to 46" (1168 mm)

### Extended Compartment Depth (-48)

Increases roller compartment depth to 48" (1219 mm)

### Extended Compartment Depth (-50)

Increases roller compartment depth to 50" (1270 mm)

### Drip Pan (DK, DP)

Contains spills, maintaining a cleaner, safer environment

### Leg Extension (BS-LE)

Increases roller height beyond standard 8" (203 mm) height up to 18" (457 mm)

Note: Consult factory for this option

### Poly Lead Roller

Replaces the first roller in each compartment with a polyethylene roller to eliminate potential bearing failure in frequent change-out environments

### Rubber Backstop (BS-RBR-STP)

Cushions battery during placement into stand

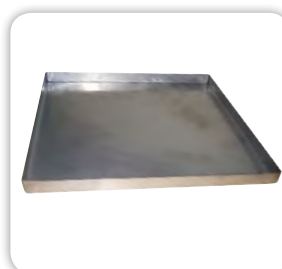
Note: One per compartment required, slightly reduces compartment depth

### Shelf Extension - 6" (BS-EXT-6)

Adds 6" (152 mm) extension between stands to support larger charger cabinets

### Sliding SB Connector Kit (#80892001)

Allows SB connector to be moved and secured anywhere along the length of the SB connector bracket



Drip Pan



Catwalk and Ladder



Charger Shelf Rearward



Leg Extension



Shelf Extension - 6"

## Product Specifications

### Single Level

| Model      | Roller<br>Compartment Width | Frame Width        | O.A. Width     |
|------------|-----------------------------|--------------------|----------------|
| BS-12-2-SL | 12" / 305 mm                | 26" / 660 mm       | 27" / 686 mm   |
| BS-12-3-SL | 12" / 305 mm                | 38.875" / 987 mm   | 40" / 1016 mm  |
| BS-15-2-SL | 15" / 381 mm                | 32" / 813 mm       | 33" / 838 mm   |
| BS-15-3-SL | 15" / 381 mm                | 47.875" / 1216 mm  | 49" / 1245 mm  |
| BS-15-4-SL | 15" / 381 mm                | 63.75" / 1619 mm   | 65" / 1651 mm  |
| BS-15-6-SL | 15" / 381 mm                | 95.5" / 2426 mm    | 97" / 2464 mm  |
| BS-18-2-SL | 18" / 457 mm                | 38" / 965 mm       | 39" / 991 mm   |
| BS-18-3-SL | 18" / 457 mm                | 56.875" / 1445 mm  | 58" / 1473 mm  |
| BS-18-4-SL | 18" / 457 mm                | 75.75" / 1924 mm   | 77" / 1956 mm  |
| BS-18-6-SL | 18" / 457 mm                | 113.5" / 2883 mm   | 115" / 2921 mm |
| BS-21-2-SL | 21" / 533 mm                | 44" / 1118 mm      | 45" / 1143 mm  |
| BS-21-3-SL | 21" / 533 mm                | 65.875" / 1673 mm  | 67" / 1702 mm  |
| BS-21-4-SL | 21" / 533 mm                | 87.75" / 2229 mm   | 89" / 2261 mm  |
| BS-24-2-SL | 24" / 610 mm                | 50" / 1270 mm      | 51" / 1295 mm  |
| BS-24-3-SL | 24" / 610 mm                | 74.875" / 1902 mm  | 76" / 1930 mm  |
| BS-27-2-SL | 27" / 686 mm                | 56" / 1422 mm      | 57" / 1448 mm  |
| BS-27-3-SL | 27" / 686 mm                | 83.875" / 2130 mm  | 85" / 2159 mm  |
| BS-30-2-SL | 30" / 762 mm                | 63.75" / 1619 mm   | 65" / 1651 mm  |
| BS-30-3-SL | 30" / 762 mm                | 95.5" / 2426 mm    | 97" / 2464 mm  |
| BS-33-2-SL | 33" / 838 mm                | 68" / 1727 mm      | 69" / 1753 mm  |
| BS-33-3-SL | 33" / 838 mm                | 101.875" / 2588 mm | 103" / 2616 mm |
| BS-36-2-SL | 36" / 914 mm                | 75.75" / 1924 mm   | 77" / 1956 mm  |
| BS-36-3-SL | 36" / 914 mm                | 113.5" / 2883 mm   | 115" / 2921 mm |
| BS-42-2-SL | 42" / 1067 mm               | 87.75" / 2229 mm   | 89" / 2261 mm  |

\* If charger shelf is not required, use suffix (-1). For example BS-15-2-SL-1



BS-SL

### Double Stack

| Model      | Roller<br>Compartment Width | Frame Width    |
|------------|-----------------------------|----------------|
| BS-15-4-DS | 15" / 381 mm                | 38" / 965 mm   |
| BS-15-8-DS | 15" / 381 mm                | 73" / 1854 mm  |
| BS-18-4-DS | 18" / 457 mm                | 44" / 1118 mm  |
| BS-18-8-DS | 18" / 457 mm                | 85" / 2159 mm  |
| BS-21-4-DS | 21" / 533 mm                | 50" / 1270 mm  |
| BS-21-8-DS | 21" / 533 mm                | 97" / 2464 mm  |
| BS-24-4-DS | 24" / 610 mm                | 56" / 1422 mm  |
| BS-24-8-DS | 24" / 610 mm                | 109" / 2769 mm |
| BS-30-2-DS | 30" / 762 mm                | 38" / 965 mm   |
| BS-30-4-DS | 30" / 762 mm                | 73" / 1854 mm  |
| BS-36-2-DS | 36" / 914 mm                | 44" / 1118 mm  |
| BS-36-4-DS | 36" / 914 mm                | 85" / 2159 mm  |
| BS-42-2-DS | 42" / 1067 mm               | 50" / 1270 mm  |
| BS-42-4-DS | 42" / 1067 mm               | 97" / 2464 mm  |
| BS-48-2-DS | 48" / 1219 mm               | 56" x 1422 mm  |
| BS-48-4-DS | 48" / 1219 mm               | 109" / 2769 mm |



BS-DS with optional Catwalk and Ladder

## Triple Stack

| Model       | Roller Compartment Width | Frame Width    |
|-------------|--------------------------|----------------|
| BS-15-6-TS  | 15" / 381 mm             | 38" / 965 mm   |
| BS-15-12-TS | 15" / 381 mm             | 73" / 1854 mm  |
| BS-18-6-TS  | 18" / 457 mm             | 44" / 1118 mm  |
| BS-18-12-TS | 18" / 457 mm             | 85" / 2159 mm  |
| BS-21-6-TS  | 21" / 533 mm             | 50" / 1270 mm  |
| BS-21-12-TS | 21" / 533 mm             | 97" / 2464 mm  |
| BS-24-6-TS  | 24" / 610 mm             | 56" / 1422 mm  |
| BS-24-12-TS | 24" / 610 mm             | 109" / 2769 mm |
| BS-30-3-TS  | 30" / 762 mm             | 38" / 965 mm   |
| BS-30-6-TS  | 30" / 762 mm             | 73" / 1854 mm  |
| BS-36-3-TS  | 36" / 914 mm             | 44" / 1118 mm  |
| BS-36-6-TS  | 36" / 914 mm             | 85" / 2159 mm  |
| BS-42-3-TS  | 42" / 1067 mm            | 50" / 1270 mm  |
| BS-42-6-TS  | 42" / 1067 mm            | 97" / 2464 mm  |
| BS-48-3-TS  | 48" / 1219 mm            | 56" / 1422 mm  |
| BS-48-6-TS  | 48" / 1219 mm            | 109" / 2769 mm |

## Quad Stack

| Model       | Roller Compartment Width | Frame Width    |
|-------------|--------------------------|----------------|
| BS-15-8-QS  | 15" / 381 mm             | 38" / 965 mm   |
| BS-15-16-QS | 15" / 381 mm             | 73" / 1854 mm  |
| BS-18-8-QS  | 18" / 457 mm             | 44" / 1118 mm  |
| BS-18-16-QS | 18" / 457 mm             | 85" / 2159 mm  |
| BS-21-8-QS  | 21" / 533 mm             | 50" / 1270 mm  |
| BS-21-16-QS | 21" / 533 mm             | 97" / 2464 mm  |
| BS-24-8-QS  | 24" / 610 mm             | 56" / 1422 mm  |
| BS-24-16-QS | 24" / 610 mm             | 109" / 2769 mm |
| BS-30-4-QS  | 30" / 762 mm             | 38" / 965 mm   |
| BS-30-8-QS  | 30" / 762 mm             | 73" / 1854 mm  |
| BS-36-4-QS  | 36" / 914 mm             | 44" / 1118 mm  |
| BS-36-8-QS  | 36" / 914 mm             | 85" / 2159 mm  |
| BS-42-4-QS  | 42" / 1067 mm            | 50" / 1270 mm  |
| BS-42-8-QS  | 42" / 1067 mm            | 97" / 2464 mm  |
| BS-48-4-QS  | 48" / 1219 mm            | 56" / 1422 mm  |
| BS-48-8-QS  | 48" / 1219 mm            | 109" / 2769 mm |

### BS Model Number Key: BS-XX-Y-ZZ-AA

XX = Roller Compartment Width

Y = Number of Compartments

ZZ = Single Level, Double Stack, Triple Stack, Quad Stack

AA = Roller Compartment Depth, Standard is 40" (1016 mm)



BS-TS



Quad Stack System



## Battery & Charger Stands

### Battery Roller Stand

The BHS Battery Roller Stands (BS) are available in various widths and compartment sizes to meet specific requirements. BS models come with charger shelf and poly-coated rollers for spark-proof protection. Note: Roller height required when ordering.

#### Features & Benefits

- $\pm 0.5"$  ( $\pm 13$  mm) adjustable legs for added convenience
- Charger shelf comes standard
- Spark-proof, poly-sleeved rollers reduce corrosive build-up and extend product life
- Standard roller height available from 4.5" to 10" (114 mm to 254 mm)
- CR-1 cable retractor mounting holes
- Charger shelves come slotted, allowing for optional 6" (152 mm) shelf extension between stands
- Custom-built models also available to meet unique specifications

#### Available Options

##### Charger Shelf Forward (BS-FWD)

Space-saving shelf designed for battery rooms with limited space

##### Charger Shelf Rearward (BS-RWD)

Offsets shelf to rear to eliminate obstruction over compartment

##### Extended Compartment Depth (-46)\*

Increases roller compartment depth to 46" (1168 mm)

##### Extended Compartment Depth (-48)\*

Increases roller compartment depth to 48" (1219 mm)

##### Extended Compartment Depth (-50)\*

Increases roller compartment depth to 50" (1270 mm)

##### Leg Extension (BS-LE)\*

Increases roller height beyond standard height up to 25.9" (658 mm)

##### Rubber Backstop (BS-RBR-STP)

Cushions battery during placement into stand

Note: One per compartment required, slightly reduces compartment depth

##### Shelf Extension - 6" (BS-EXT-6)

Adds 6" (152 mm) extension between stands to support larger charger cabinets



BS15-3

#### Product Specifications

| Model  | Roller Compartment Width | Frame Width        | O.A. Width     |
|--------|--------------------------|--------------------|----------------|
| BS12-2 | 12" / 305 mm             | 26" / 660 mm       | 27" / 690 mm   |
| BS12-3 | 12" / 305 mm             | 38.875" / 987 mm   | 40" / 1020 mm  |
| BS15-2 | 15" / 381 mm             | 32" / 813 mm       | 33" / 840 mm   |
| BS15-3 | 15" / 381 mm             | 47.875" / 1216 mm  | 49" / 1245 mm  |
| BS15-4 | 15" / 381 mm             | 63.75" / 1619 mm   | 65" / 1655 mm  |
| BS15-6 | 15" / 381 mm             | 95.5" / 2426 mm    | 97" / 2465 mm  |
| BS18-2 | 18" / 457 mm             | 38" / 965 mm       | 39" / 995 mm   |
| BS18-3 | 18" / 457 mm             | 56.875" / 1445 mm  | 58" / 1475 mm  |
| BS18-4 | 18" / 457 mm             | 75.75" / 1924 mm   | 77" / 1960 mm  |
| BS18-6 | 18" / 457 mm             | 113.5" / 2883 mm   | 115" / 2925 mm |
| BS21-2 | 21" / 533 mm             | 44" / 1118 mm      | 45" / 1145 mm  |
| BS21-3 | 21" / 533 mm             | 65.875" / 1673 mm  | 67" / 1705 mm  |
| BS21-4 | 21" / 533 mm             | 87.75" / 2229 mm   | 89" / 2265 mm  |
| BS24-2 | 24" / 610 mm             | 50" / 1270 mm      | 51" / 1295 mm  |
| BS24-3 | 24" / 610 mm             | 74.875" / 1902 mm  | 76" / 1935 mm  |
| BS27-2 | 27" / 686 mm             | 56" / 1422 mm      | 57" / 1450 mm  |
| BS27-3 | 27" / 686 mm             | 83.875" / 2130 mm  | 85" / 2160 mm  |
| BS30-2 | 30" / 762 mm             | 63.75" / 1619 mm   | 65" / 1655 mm  |
| BS30-3 | 30" / 762 mm             | 95.5" / 2426 mm    | 97" / 2470 mm  |
| BS33-2 | 33" / 838 mm             | 68" / 1727 mm      | 69" / 1752 mm  |
| BS33-3 | 33" / 838 mm             | 101.875" / 2588 mm | 103" / 2620 mm |
| BS36-1 | 36" / 914 mm             | 38" / 970 mm       | 39" / 995 mm   |
| BS36-2 | 36" / 914 mm             | 75.75" / 1924 mm   | 77" / 1960 mm  |
| BS36-3 | 36" / 914 mm             | 113.5" / 2883 mm   | 115" / 2925 mm |
| BS42-1 | 42" / 1067 mm            | 44" / 1118 mm      | 45" / 1145 mm  |
| BS42-2 | 42" / 1067 mm            | 87.75" / 2229 mm   | 89" / 2265 mm  |

Note: If charger shelf is not required use suffix (-1). For example: BS18-3-1



BS18-3-1

\* Consult Factory for this option

## Battery & Charger Stands

### Battery Service Stand

The BHS Battery Service Stand (BSS) is constructed with heavy-duty steel and provides a convenient place to temporarily store an industrial battery during lift truck service. The BSS is also ideal for storing a Drop-In Roller while not in use.

#### Features & Benefits

- $\pm 0.5"$  ( $\pm 13$  mm) adjustable legs for added convenience
- Spark-proof, poly-sleeved rollers reduce corrosive build-up and extend product life
- Standard roller height available from 4.5" to 10" (114 mm to 254 mm)
- 40" (1016 mm) standard roller bed depth
- Custom-built models also available to meet unique specifications

| Model          | Roller Compartment Width | Frame Width      | O.A. Stand Width |
|----------------|--------------------------|------------------|------------------|
| BSS-15         | 15" / 381 mm             | 16.125" / 410 mm | 17" / 432 mm     |
| BSS-18         | 18" / 457 mm             | 19.125" / 486 mm | 20" / 508 mm     |
| BSS-21         | 21" / 533 mm             | 22.125" / 562 mm | 23" / 584 mm     |
| BSS-24         | 24" / 610 mm             | 25.125" / 638 mm | 26" / 660 mm     |
| BSS-30         | 30" / 762 mm             | 32" / 813 mm     | 33" / 838 mm     |
| BSS-24-50-ADJ* | 24" / 610 mm             | 25.125" / 638 mm | 26" / 660 mm     |

\*Adjustable roller height from 4.5" to 14.5" (114 mm to 368 mm)

#### Available Options

##### Leg Extension (BS-LE)

Increases roller height beyond standard height up to 25.9" (658 mm)

Note: Consult Factory on this option

##### Extended Compartment Depth (-46)

Increases roller compartment depth to 46" (1168 mm)

##### Extended Compartment Depth (-50)

Increases roller compartment depth to 50" (1270 mm)



BSS-15

## Battery & Charger Stands

### Traveling Battery Stand

The BHS Traveling Battery Stand (TBS) is track-mounted with the capacity to hold both a charged battery and a discharged battery during battery change-out. The TBS also provides a location for the discharged battery to recharge.

#### Features & Benefits

- $\pm 0.5"$  ( $\pm 13$  mm) adjustable legs for added convenience
- Spark-proof, poly-sleeved rollers reduce corrosive build-up and extend product life
- Efficient one-person changing system
- Easy-grip push handles
- Available with two (2TBS) or three (3TBS) compartments
- 6" (152 mm) minimum roller height (only 6" height is non-adjustable, anchored to floor)
- 3,600 lb (1633 kg) total capacity
- Custom-built models also available to meet unique specifications

| Model     | Compartment Width | Compartment Depth | Track Dimension                |
|-----------|-------------------|-------------------|--------------------------------|
| 2TBS-1040 | 10" / 254 mm      | 40" / 1016 mm     | 48" x 40" / 1219 mm x 1016 mm  |
| 2TBS-1540 | 15" / 381 mm      | 40" / 1016 mm     | 64" x 40" / 1626 mm x 1016 mm  |
| 2TBS-2140 | 21" / 533 mm      | 40" / 1016 mm     | 80" x 40" / 2032 mm x 1016 mm  |
| 3TBS-1040 | 10" / 254 mm      | 40" / 1016 mm     | 70" x 40" / 1778 mm x 1016 mm  |
| 3TBS-1540 | 15" / 381 mm      | 40" / 1016 mm     | 96" x 40" / 2438 mm x 1016 mm  |
| 3TBS-1850 | 18" / 457 mm      | 50" / 1270 mm     | 105" x 50" / 2667 mm x 1270 mm |



TBS - Traveling Battery Stand

Shown with optional Charger Wall Bracket (CWB)

