

# StrapStand

PRODUCT CATALOG

## Transfer Free Standing



EasyStand<sup>®</sup>

# StrapStand

The EasyStand StrapStand has the most innovative lift design of any strap-style stander. Using dual-hinged lifting arms, the StrapStand gently raises a user vertically then gradually pulls them to the standing position reducing knee pressure, unlike other standers that pull a user into the knee pad creating excessive patella pressure.

# The StrapStand

## Innovative Lift Design

- Using a dual-hinged lifting arm, the StrapStand gently raises a user vertically then gradually pulls them to a standing position, reducing knee pressure. Extreme knee pressure is commonly experienced with other standers that pull the user into the knee pad.

## No Transfers Required

- Stand directly from your wheelchair or other seated surfaces. Adjustable lifting straps make it easy to stand from a fixed arm wheelchair. The legs have a low profile to fit under a bed or can be configured to swing-away for wider wheelchairs.

## Assisted Lift Made Easier

- For those that require assistance going from sitting to standing we have several options that help, including swing-out legs and adjustable straps. Also available are upper body support straps, grab handles and hand grips for additional support and security during the sit to stand transition.

## Lifting Made Safer

- The Upper Body Support Strap gives additional posterior support during the lifting process. The Grab Handles let users steady themselves while being pumped up to standing.

## Unique Straps and Harnesses

- The lifting straps feature a unique design with a pocket that helps center the person and secure them as they prepare to stand. Sling Straps are a more traditional web design. They hold the person in between the web strapping. The Lifting Harness has an additional strap that attaches to the lifting strap and is placed under the person to secure the users legs. The one-piece design makes it easier to get under the buttocks and to place the ischial tuberosities into the pocket.



Shown with swing-out legs, multi-adjustable foot plates, clear tray

# Advantage

## Full Hip and Knee Extension

- An over-center stretch of the hips and full extension of the knees is an ideal standing position and the StrapStand's design provides the opportunity to achieve this position and maximize the benefits of standing.

## Modular Design

- The StrapStand accommodates both users needing minimal support and those who require significant positioning to go from sitting to standing. Over 30 different support and positioning components, developed with advice from therapists, can accommodate most positioning challenges. Additionally, disabilities such as Multiple Sclerosis and ALS are progressive, and positioning options may need to be added over time. Our modular design helps stand those with the most difficult positioning challenges.

## Great for Multi-User Facilities

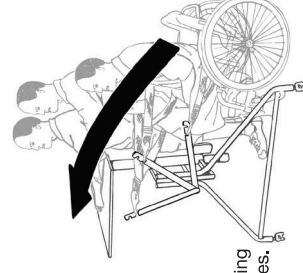
- Great for use in facilities that have several users needing to stand. Tool free adjustments of the knees, tray and foot plates, as well as various sizes of lifting straps and the addition of multi-adjustable foot plates, independent knee pads and swing-out legs create a unit that can be used by the most petite user or someone up to 350 lbs.

## Prepares You for Exoskeleton Walking

- According to the regulatory approval of exoskeleton products, prior to using an exoskeleton walking device, users should be able to stand in an assistive standing device (e.g., EasyStand StrapStand). Being able to stand comfortably for longer periods of time and getting a proper stretch, makes the StrapStand the ideal partner for pre-walking needs before starting a walking program.

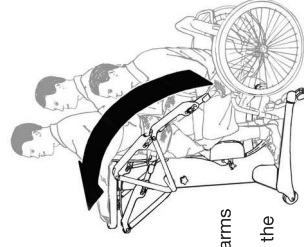


Shown with swing-out legs and adjustable lifting strap



### Theirs

Typical strap standers pull the user forward while lifting, causing excessive pressure on the knees.



### Ours

The specially designed lifting arms of the EasyStand StrapStand gently raise, then gradually lift the user into standing position.

## Specifications

Weight Limit	350 lbs. (159kg)
Height Range	5' -6'5" (152-195cm)
Knee Pad Size	17"Wx9" (43x23cm)
Knee Pad Depth Range	6" -9.5" (15-24cm)
Weight of Basic Unit	125 lbs (57kg)
Frame Footprint	28"x34" (71x86cm)

additional specifications at [easystand.com](http://easystand.com)

# StrapStand

## Options

The EasyStand StrapStand base model includes: Two 3" locking casters, two 4" wheels, foot plates, no-tray chest pad, manual hydraulic actuator with handle and black upholstery (lifting strap, knee and tray not included).



**P82188 Swing-Out Legs**

Swing in/out the legs of the stander for wider wheelchair access. For people with wheelchair width greater than 22" (56cm) and up to 38" (97cm). Includes four locking casters.



**80811 Lifting Strap-9"Wx25"L**

Solid padded seat with fixed loops. Seat size is 9"Wx25"L (23x64cm).



**80719 Lifting Strap-12"Wx28"L**

Solid padded seat with fixed loops. Seat size is 12"Wx28"L (30x71cm).



**80962 Lifting Strap-14"Wx32"L**

Solid padded seat with fixed loops. Seat size is 14"Wx32"L (36x81cm).



**80882 Adjustable Lifting Strap-10"Wx26"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Seat size is 10"Wx26"L (25x66cm). Adjustable strap range is 0"-8" (0-20cm).



**80881 Adjustable Lifting Strap-12"Wx29"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Seat size is 12"Wx29"L (30x74cm). Adjustable strap range is 0"-8" (0-20cm).



**80963 Adjustable Lifting Strap-14"Wx32"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Seat size is 14"Wx32"L (36x81cm). Adjustable strap range is 0"-8" (0-20cm).



**82205 Adjustable Sling Strap-9"Wx25"L**

Open web sling seat with adjustable strap for fixed arm wheelchairs. Seat size is 9"Wx25"L (23x64cm). Adjustable strap range is 0"-8" (0-20cm).



**82206 Adjustable Sling Strap-12"Wx28"L**

Open web sling seat with adjustable strap for fixed arm wheelchairs. Seat size is 12"Wx28"L (30x71cm). Adjustable strap range is 0"-8" (0-20cm).



**82207 Adjustable Sling Strap-14"Wx32"L**

Open web sling seat with adjustable strap for fixed arm wheelchairs. Seat size 14"Wx32"L (36x81cm). Adjustable strap range is 0"-8" (0-20cm).



**82280 Adjustable Lifting Harness-10"Wx26"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Includes additional Velcro positioning strap and leg straps. Seat size is 10"Wx26"L (25x66cm). Adjustable strap range is 0"-8" (0-20cm).



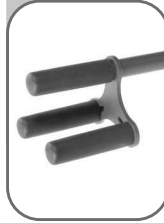
**82281 Adjustable Lifting Harness-12"Wx29"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Includes additional Velcro positioning strap and leg straps. Seat size is 12"Wx29"L (30x74cm). Adjustable strap range is 0"-8" (0-20cm).



**82282 Adjustable Lifting Harness-14"Wx32"L**

Solid padded seat with adjustable strap for fixed arm wheelchairs. Includes additional Velcro positioning strap and leg straps. Seat size 14"Wx32"L (36x81cm). Adjustable strap range is 0"-8" (0-20cm).



**P82188 Quad Grip Handle Extension**

Attaches to the actuator handle, for users with limited dexterity and function. Adjusts for various hand sizes.



**PNG50070 T-Style Handle Extension**

Attaches to the actuator handle for users with limited range of motion. Makes the first few pumps easier and descending more accessible. Adds additional 7" (18 cm) in each direction.



**P82264 Removable Actuator Handle**

The removable actuator handle has a pull pin design so the handle removes at the actuator to allow for easier transfers and transport.



**P82261 Narrow Clear Tray**

Narrow clear acrylic tray fits through narrow doorways. Adjustable in height and depth. Tray size is 18"x19" (46x48cm). Width of the narrow lifting arms is 29" (74cm).



**P82262 Narrow Angle Adjustable Tray**

Angle adjustable clear acrylic tray fits through narrow doorways. Adjusts from 0-35° to provide forearm support and angle activities closer to the user. Tray size is 18"x19" (46x48cm). Width of the narrow lifting arms is 29" (74cm).



**PNG50247-1 Black Molded Tray**

Black molded tray provides anterior support and work surface. Adjustable in height and depth. Tray size is 21"x24" (53x61cm).



**PNG50248-1 Clear Tray**

Clear acrylic tray provides anterior support and work surface. Adjustable in height and depth. Tray size is 21"x24" (53x61cm).



**PNG50368-1 Black Molded Angle Adjustable Tray**

Adjusts from 0-35° to provide forearm support and angle activities closer to the user. Tray size is 21"x24" (53x61cm).

350 lbs  
(159 kg)  
152-195cm  
57-67  
19





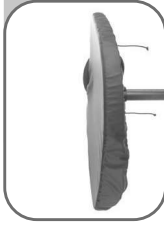
**PNG50366-1 Clear Angle Adjustable Tray**  
Adjusts from 0-35° to provide forearm support and angle activities closer to the user. Tray size is 21"x24" (53x61cm).



**PNG50042 Hand Grips**  
Provides additional arm and hand support and alignment. Easily movable for precise positioning. Attaches to clear acrylic tray with suction cups. Clear tray required.



**PNG30000 Large Contoured Chest Pad**  
Attaches to tray or no-tray bracket to provide anterior support with a minimal lateral contour. Replaces standard chest pad. Oval pad is 9.5"x15" (24x38cm).



**PNG30295 Padded Tray Cover**  
A removable padded tray cover with drawstring that attaches to the black molded, clear, angle adjustable, or shadow tray. Not available with the narrow trays.



**P82202-1 Slide-In Knee Pads**  
Width range from center to center is 9" (23cm). Depth range from back of heel is 2"-12.5" (5-32cm). Height range from foot plate to top of pad is 18"-21" (46-53cm).



**P82101-1 Independent Knee Pads**  
Width range from center to center is 8"-12" (20-30cm). Depth range from back of heel is 3.5"-8" (9-20cm). Height range from foot plate to top of pad is 17"-22.5" (43-57cm).



**P82189-1 Independent Robo® Knee Pads**  
Robo® Dry Flotation® technology. Width range from center to center is 8"-12" (20-30cm). Depth range from back of heel is 3.5"-8" (9-20cm). Height range from foot plate to top of pad is 17"-22.5" (43-57cm).



**P82090 Multi-Adjustable Foot Plates**  
Adjusts independently in height from 1"-5" (2.5-13cm) off floor, plantar/dorsi +/-20° and +15° toe out adjustment. Recommended for users over 5'10".



**P82144 XL Foot Plate**  
Accommodates larger feet. Each foot placement area is 7"x14" (18x36cm). Recommended for very large individuals.



**PNG30030 Foot Straps-15" L**  
Velcro® and D-ring adjustment hold feet in alignment with two attachment slots for proper foot positioning. Straps measured in length over top of foot, with approximately 1.5" (4cm) of Velcro® overlap. Strap length is 15" (38cm).



**PNG50505 Foot Straps-21" L**  
Velcro® and D-ring adjustment hold feet in alignment with two attachment slots for proper foot positioning. Straps measured in length over top of foot, with approximately 1.5" (4cm) of Velcro® overlap. Strap length is 21" (53cm).



**PNG30031 Secure Foot Straps-15" L**  
Velcro® and D-ring adjustment holds feet and ankles in alignment with two attachment slots for proper foot positioning. Straps measured in length over top of foot, with approximately 1.5" (4cm) of Velcro® overlap. Strap length is 15" (38cm).



**PNG50506 Secure Foot Straps-21" L**  
Velcro® and D-ring adjustment holds feet and ankles in alignment with two attachment slots for proper foot positioning. Straps measured in length over top of foot, with approximately 1.5" (4cm) of Velcro® overlap. Strap length is 21" (53cm).



**P80829 Upper Body Support Strap**  
D-ring adjustment, provides additional upper posterior support while lifting and standing. Pad size is 5.5"x24" (14x61cm). Adjustment range from 33"-70"



**P82062 Grab Handles**  
Handles attach to the lifting arms to give the user a place to hold onto during the standing transition.



**P82160 Transport Handle**  
Attaches to center post of unit to provide the caregiver with an easy way to move the unit.



**P80809 Tool Pouch**  
Holds the assembly tools provided with the stander. Attaches to unit with Velcro® straps. Tools not included.

# StrapStand Packages



## PK301 Minimum Support Package

The minimum support package includes: (no substitutions)

Swing-Out Legs, Adjustable Lifting Strap, Black Molded Tray, Four Locking Swivel Casters, Foot Plates, Knee Pad, Hydraulic Actuator with Handle.



## PK302 Moderate Support Package

The moderate support package includes: (no substitutions)

Swing-Out Legs, Adjustable Lifting Strap, Black Molded Tray, Four Locking Swivel Casters, Multi-Adjustable Footplates, Foot Straps, Independent Knee Pads, Removable Actuator Handle, Upper Body Support Strap, Grab Handles.



## PK303 Maximum Support Package

The maximum support package includes: (no substitutions)

Swing-Out Legs, Adjustable Lifting Strap, Black Molded Angle Adjustable Tray, Large Contoured Chest Pad, Padded Tray Cover, Multi-Adjustable Footplates, Secure Foot Straps, Independent Roho Knee Pads, Removable Actuator Handle, Upper Body Support Strap, Grab Handles, Transport Handle, Four Locking Swivel Casters.

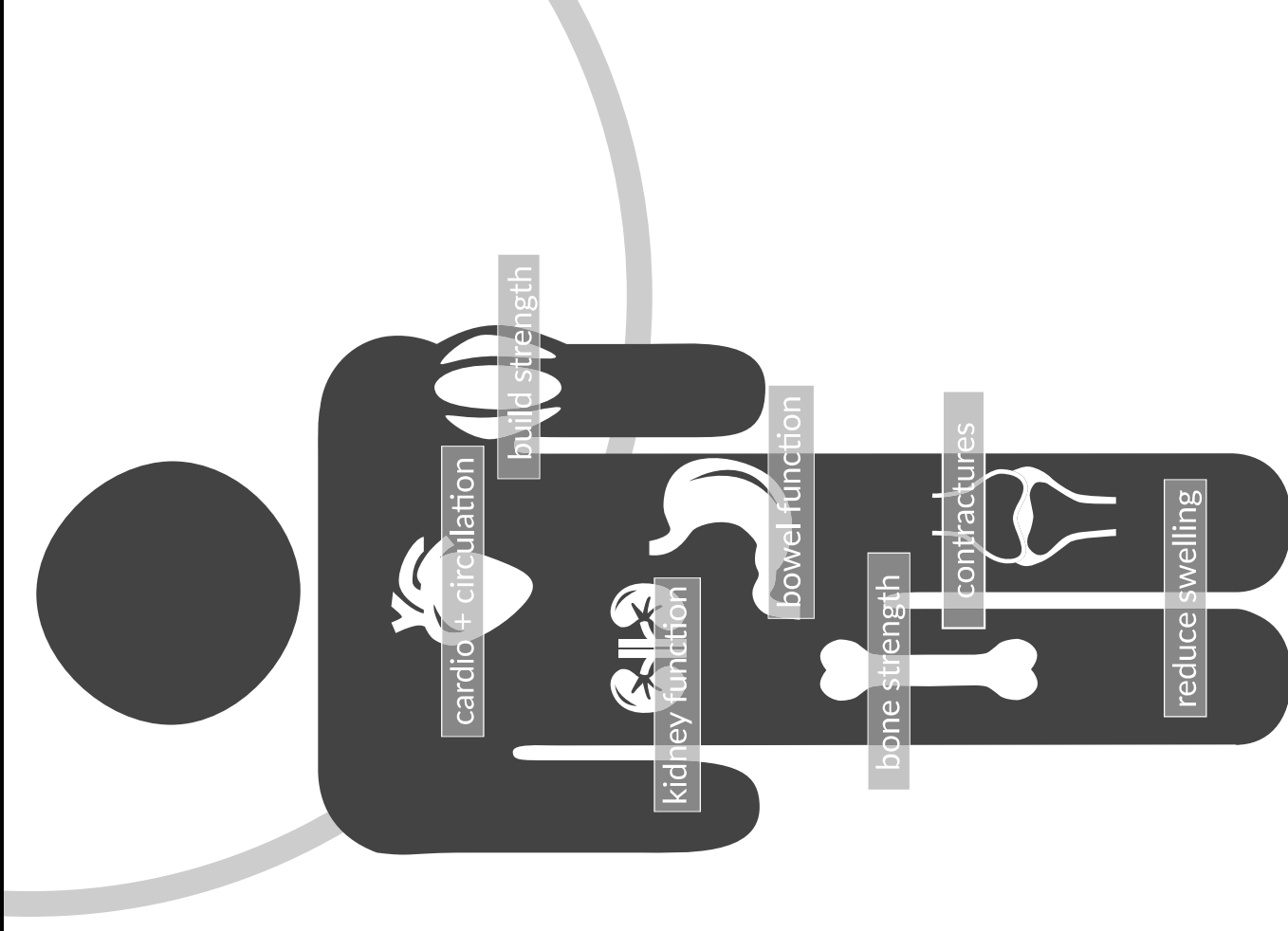
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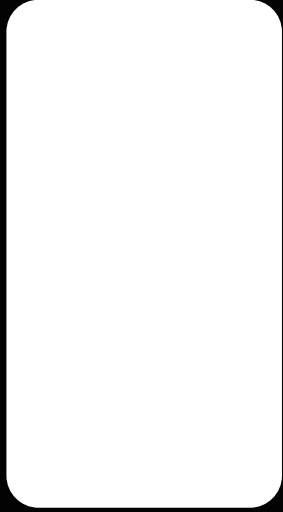
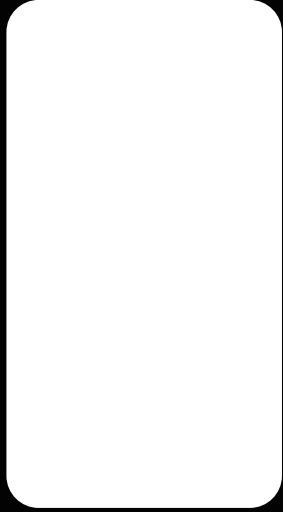
## Health Benefits

### Health Benefits of Standing

- Improve/maintain range of motion
- Decrease joint/muscle contractures
- Management of atrophy in the trunk and leg muscles
- Improve strength to trunk and lower extremities
- Decrease muscle spasms
- Promote proper muscle skeleton development
- Improve/maintain bone integrity/skeletal development
- Lessen/manage the progression of scoliosis
- Manage pressure (ulcers) through changing positions
- Improve bowel function and regularity
- Aid in kidney and bladder functions
- Strengthen cardiovascular system and build endurance
- Improve circulation
- Reduce swelling in lower extremities

Visit [easystand.com/category/research](http://easystand.com/category/research) for studies related to standing benefits.





Shown with swing-out legs

Check out all the **AltimateMedical** brands.



# EasyStand<sup>ii</sup>

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