

Small Prone Stander

E930 Product Manual



CE

 rifton®

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Key for EU users

Use this key to determine which sections of this Product Manual apply to your job.



Technical Users For professionals who order and set up Rifton products.



Home Users For clients and care-givers who use Rifton products on a regular basis.



Maintenance Personnel For anyone who is responsible for service or re-ordering of Rifton products and parts.

WARNINGS

- Correct use of this product requires the prior approval and ongoing guidance of a qualified therapist or physician. Adult supervision is required at all times.
- Straps and supports are provided for the safety of the user. Their use must be closely supervised. The straps and supports need to be carefully adjusted for the comfort and security of the user and can never take the place of the care-giver.
- Adult supervision is required at all times.
- Intended for indoor use only
- Stabilize Prone Stander before transferring or mounting user to prevent rolling or unexpected movement during the transfer process. Using your foot, lock all four caster wheels by setting locks to "ON" position. For added safety, it may be wise to have two adults assist with transfers in or out of the Prone Stander.

IMPORTANT

- Please save this Product Manual. Additional copies are available at www.rifton.com
- Please refer to the Rifton product catalog for our full warranty, or visit www.rifton.com

To order replacement parts

1. Locate the serial number of the product on the small white label.
2. Have this number available when you call **800.571.8198** for your customer service representative.

Use only replacement parts supplied by Rifton Equipment.

Recommended Use

The E930 Prone Stander is designed to provide the benefits of weight-bearing in an upright posture, abdomen toward the main board. Adjustable supports promote proper alignment of trunk and lower extremities. Board tilts from vertical to horizontal with a crank. The tray provides a convenient space for learning and play materials, and for eating. Adjustment permits the tray to be set level independent of the angle of the stander, or to be used easel-style.

Checking your order

This product is shipped in a single carton. The carton contains:

- 1. E930 Prone Stander (includes: Pair of Lateral Support Blocks, Hip Strap, and Footboard)
- 2. Tray
- 3. Carton containing Footboard and Accessories for the Prone Stander
- 4. This product manual.

You may not have ordered all of the available accessories, but use the diagrams that follow to make sure your order is complete.

If your shipment is incomplete, please call Customer Service.

User and Item Dimensions

User Dimensions – Inches (cm)	Small	Medium	Large
Height	25–48 (64–122)	44–59 (112–150)	57–72 (145–183)



Key User Dimension: Height
Select the appropriate Prone Stander by the user’s overall height. Choose the model that allows for growth.

Important: User’s weight must not exceed the maximum working load.

Dimensions – Inches (cm)	Small	Medium	Large
Board length	23½ – 16 without kneeboard 60 – 41 without kneeboard	30 (76)	39 (99)
Board width (top/bottom)	12½ / 12½ (32 / 32)	11 / 16 (28 / 41)	15 / 19 (38 / 48)
Top of board to footboard	18–35 (46–89)	33–43½ (84–110)	42–55 (38 / 48)
Height when horizontal	29½ (75)	29½ (75)	31½ (80)
Height when vertical	38½ (98)	45½ (116)	60 (152)
Distance between lateral supports	8–16 (20–41)	8–16 (20–41)	12–22 (30–56)
Base width	24 (61)	26 (66)	30 (76)
Base length	35 (89)	39 (99)	43 (109)
Tray inside width (widest point)	22½ (57)	22½ (57)	29½ (75)
Tray inside length	17½ (44)	17½ (44)	17½ (44)
Max. working load (lbs)	100 (45)	150 (68)	200 (91)

Mainboard

Installing the Lateral Support Blocks

Support Blocks (A) ship in reverse position.

1. To reposition support blocks
 - Loosen knobs (C) and slide blocks out from under the clamp.
 - Rotate blocks into correct position and replace them under the clamp.
 - Retighten knobs (See Figure 2).

Adjusting the Lateral Support Blocks

Use knobs (C) to adjust Support Blocks laterally and vertically, and to pivot blocks approximately 30°.

Make sure Support Blocks are clear of tray when adjusting board angle.

Adjusting the Support Straps

Support Straps (B) clamp with knobs (D), sliding into slots for best location. Straps can be positioned above or below Support Blocks.

Adjusting the Board Position

The main board, knee board, and footboard slide independently on a tubular steel track, clamping with knobs (E).

Adjusting the Board Tilt

The angle of the board is controlled by a handcrank (F). This sets the board at any angle from horizontal to vertical. Adjustments can take place at any time once the user is secure.

The Board Position Indicator (G) is a direct angle indicator that is mounted at the pivot point.

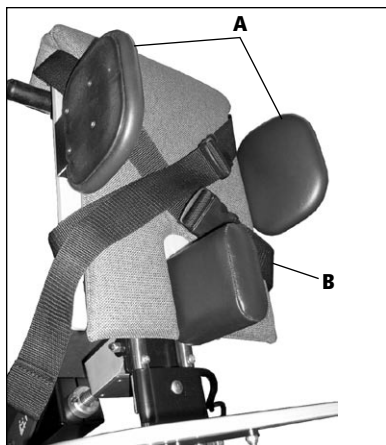


Figure 1. Mainboard of E930 Prone Stander, with Oblong Abduction Block installed. The kneeboard has been removed and the footboard raised to accommodate a very small user.

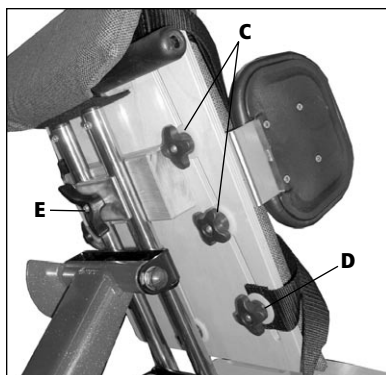


Figure 2

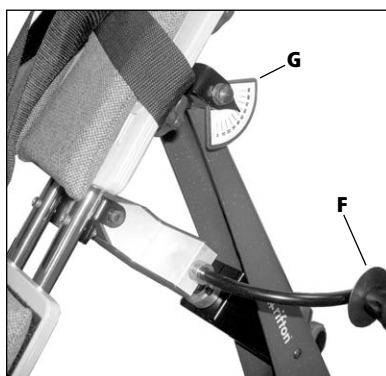


Figure 3

Abductors

Installing the Round / Oblong Abduction Blocks

To install the Round or Oblong Abduction Block to the Prone Stander, remove the knob and place abductor where appropriate. Re-tighten knobs securely.

Adjusting the Round / Oblong Abduction Blocks

Depending on the need of the user, the positioning of the Abduction Block will vary greatly. Check the range of adjustment before positioning the user.

Installing the Collar

To install the collar to the Round Abduction Block, wrap around and fasten snaps.

Installing the Round Abductor with Hip Stabilizer

Remove knobs and washers (A). Insert the two bolts (B) into the Prone Stander where appropriate, with knob (C) pointing down. Replace washers and knobs behind the board and re-tighten.

Adjusting the Round Abductor with Hip Stabilizer

Adjust vertically using knobs (A).

The Hip Stabilizer moves in and out and secures with knob (C). Vertical adjustments to the Hip Stabilizer are controlled by knob (D).

Operating the Round Abductor with Hip Stabilizer

The Round Abductor with Hip Stabilizer may be mounted to the board before or after positioning the user. Once mounted, the Hip Stabilizer can be removed by loosening knob (D) to permit easy transfers.

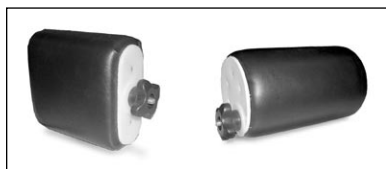


Figure 4. Round and Oblong Abduction Block



Figure 5. Collar for Round Abduction Block

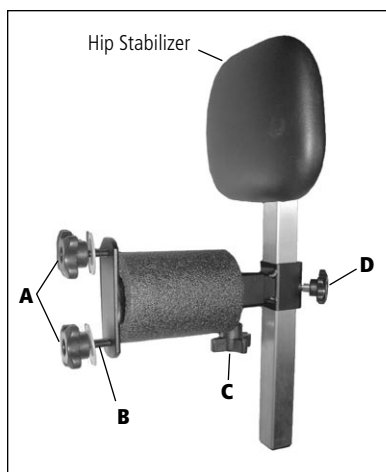


Figure 6. Round Abductor with Hip Stabilizer

Position the abductor between the thighs above the knees. The proper position for the Hip Positioner is at the back of the hips (sacral area), and tight enough to keep the hips against the board

Knee Board

Adjusting the Knee board

The knee board can be removed for use with the smallest children. Loosen knob (A) until the plated clamp can rotate 90°, freeing the knee board. If Abductors were used on the knee board replace them to the main board. Lower the main board to its lowest position, and bring the footboard up so that the top of the main board will reach the user's chest.

When replacing the knee board, note that the wooden clamp block goes down, and the slot for abductors up.

Installing the Knee Support Blocks

Install the Knee Support Blocks by loosening knobs (B) and re-tightening behind board.

Adjusting the Knee Support Blocks

Knee Support Blocks can be adjusted vertically using knobs (B).

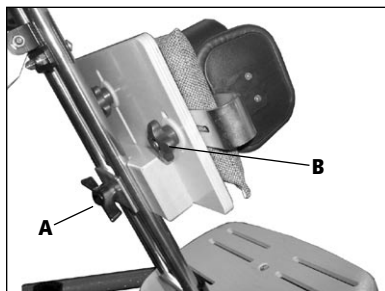


Figure 7



Figure 8. The Kneeboard is shown here with Knee Support Blocks and Round Abduction Block installed. Abduction blocks can be installed either on the Mainboard or on the Kneeboard.

Tray

Installing the Tray

See figures 9, 10 & 11

1. Lock the casters.
2. Turn the handcrank until the prone stander is nearly vertical.
3. Hold the tray in front of you with the adjustable brace down.
4. Place the hook (b) into the slot on the mast.
5. Hold the tray by the tray latches (c), clip them into the ends of the padded foam cross-piece at the top of the main board.
6. Shake tray vigorously to ensure that it is securely fastened.

Adjusting the Tray

Use knob (A) to adjust the angle of the tray. Be sure to tighten knob securely after adjusting.

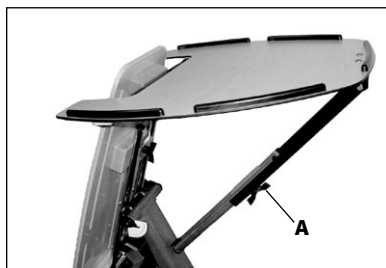


Figure 9

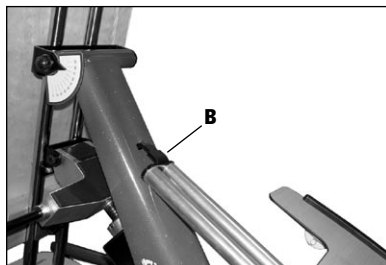


Figure 10. Tray hook going into slot on mast



Figure 11

Footboard

Installing the Footboard

The footboard is shipped mounted in reverse position on the tube. Reposition by removing knob (A) and clamp (B). Rotate footboard into correct position, replace clamp and knob and re-tighten.

Installing the Sandals

Either small or medium sandals may be mounted to the footboard.

1. Remove knobs and washers.
2. Insert bolts through slots in footboard.
3. Replace washers and knobs and tighten securely.

Adjusting the Sandals

1. Loosen the knobs.
2. Move the sandals to the desired position.
3. Retighten the knobs.

Installing the Sandal Wedges

To add a wedge:

1. Unlatch and remove the sandal from the base.
2. Place the wedge over the base and latch it into place; any number of wedges can be added.
3. Put the sandal on top, and latch it.

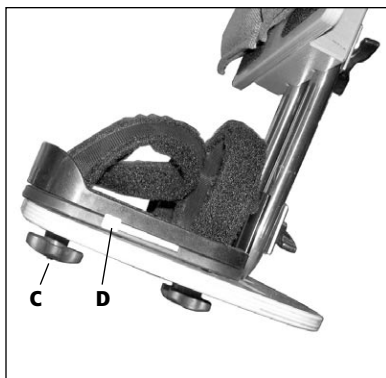


Figure 12

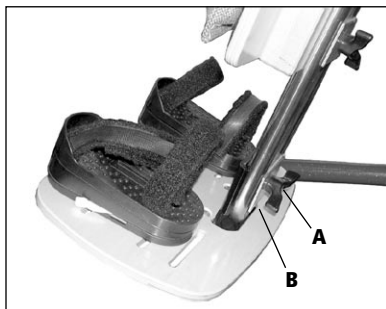


Figure 13

Operation

1. Set main board, knee board, and footboard height to approximate positions, as low as possible, for sense of security.
2. Top of main board should start at user's chest, adjust higher or lower depending on user's ability to control head and trunk.
3. Adjust the angle of the board tilt to desired position.
4. Lower the abduction block (if one is in use) and move the support blocks out as far as possible.
5. Set sandals to approximate positions and open the straps.



CAUTION

To Prevent Accidents:

1. For heavy or large children, two able-bodied adults may be needed for safely transferring the child in or out of stander.
2. Use care when loading or unloading a child. Keep the caster brakes locked on at all times the stander is in use.
3. Never leave child unattended. Be sure all belts are securely fastened around child.

Lifting child onto footboard: Maintain complete support as you fasten the trunk straps. Remember that straps adjust vertically. For maximum support, fasten one pair of straps above the support blocks and cross straps in an "X" behind child.

Fine-tune all adjustments, starting with sandals. Position lateral support blocks and abduction block as required.

Adjustment of tilt angle with the crank can take place at any time once child is secure.

Knee board removal: For use with smallest children, remove the knee board by loosening knob until plated clamp can rotate 90°, freeing the knee board. Place the abductor (if used) in the slot in the main board. Drop the main board to its lowest position, and bring the footboard up so that the top of the main board will reach the user's chest. When replacing knee board, note that the wooden clamp block goes down, and the slot for abductor up.

Maintenance

Every month, check the lubrication of the threaded rod which drives tilting mechanism. If it seems dry, apply general purpose grease with a brush to the length of the rod.

Twice a year check bolts securing crosspieces of frame and tighten if necessary.

Periodically inspect for cracks, breaks, loose or missing parts, and malfunctions. Remove the product from service when any condition develops that might make operation unsafe.

Construction

The frame is constructed of welded steel tubing with a durable baked-on finish.

Bright nickel plating protects steel components from rust.

The wooden components are manufactured from durable hardwood plywood or solid maple and finished with a clear polyurethane lacquer. All edges and corners are rounded for safety and ease of cleaning.

The safety straps and supports are made of sturdy polypropylene webbing with velcro closures, attached to bolts which slide in slots in the board for adjustability.

Upholstery is urethane foam covered by attractive expanded vinyl.

The tray is made of phenolic plastic with a wood-grain pattern.

The four 3" casters swivel on ball bearings and each has a built-in locking lever.

Tilting mechanism. Hand crank (3/8" diameter stainless steel rod) turns gears which drive 1" steel rod with acme threads. This provides the thrust to pivot the prone board approximately 1" per turn of the hand crank. Tilting is geared to crank easily with or without person on board. Actual pivot point is 1/2" steel axle which runs through the top tube of the frame. Other bearing points are steel bolts of 1/2" to 3/8" diameter. Moving parts are shielded for safety.

Support block upholstery is urethane foam covered with nylon knit bonded to a breathable, waterproof urethane layer. The materials are fire-resistant and meet state and federal requirements.

Adjustments are made by means of plastic knobs with steel threads.

Cleaning

Remove sandals, straps and pads. Wash wooden parts with soap and water but not too wet because finish is not water proof. Wipe metal parts with damp rag. Clean upholstery with soap and water or an imitation leather cleaner. Straps can be laundered.

User modifications

We recognize that some clients may benefit from modifications made in the field. However, we cannot be responsible for customer-modifications to our products without our supervision, testing, or evaluation.

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