

Rifton Seating System

Product Manual



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 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.

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.

WARNINGS

- Thoroughly read and understand the information in this guide before attempting to use this product. If the procedures and instructions in this guide are not followed, serious injury could occur.
- A qualified professional must assess the appropriateness and safety of all equipment for each user.
- Correct use of this product requires the prior approval and ongoing guidance of a qualified therapist or physician.
- This product is intended for use by children of immature judgment. Adult supervision is required at all times.
- Do not use this product on rough and uneven terrain, around swimming pools, or near stairways.
- All mobility equipment may become unstable when used improperly.
- Straps and supports are provided for the safety of the user and must be carefully adjusted for comfort and security. The use of straps and supports must be supervised at all times.
- Restraints – Using straps, trays or supports to restrict a child's movement is considered behavioral restraint, which may raise ethical and legal issues for your facility. Rifton Equipment is not intended for this use.
- Tray is not intended to hold user in chair. ALWAYS use hip strap when tray is in use.
- On chairs with the dynamic spring feature, keep hands away from under the seat when the spring is in use to avoid pinch points.
- Keep children away from under the seat of the chair; there are parts that move when the seat height or seat angle are adjusted. When adjusting the chair with the long handles keep your hands away from the moving side parts.

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

Recommended Use

The Rifton Seating System is intended to provide comfortable seating with adjustable support for children and adolescents with disabilities in the classroom or at home. These chairs allow for growth, multiple users, and include attachments that are easily removable as the client gains independence.

User and Item Dimensions

User Dimensions - inches (cm)	Small	Medium	Large
Height	34-46 (86-117)	42-55 (107-140)	53-72 (135-183)



Key User Dimension: Height

The user's overall height is a general guide to help you select the appropriate Chair. Choose the model that allows for growth.

Important: Make sure that seat width, depth, and height are adequate for each individual user, and that the user's weight does not exceed the maximum weight recommended.

Item Dimensions - inches (cm)	Small	Medium	Large
Frame width (Stationary Chair)	18 (46)	20 (51)	23½ (60)
Frame width (with wheels)	22 (56)	24½ (62)	28 (71)
Seat height above floor (Stationary Chair)	8½-11½ (22-29)	11½-15½ (29-39)	15-18½ (38-47)
Seat height above Footboard	7½-10½ (19-27)	10½-14½ (27-37)	14-17½ (36-44)
Seat width (without Pads)	12 (30)	14 (36)	17 (43)
Seat depth	8-10 (20-25)	10½-14 (27-36)	15-20 (38-51)
Armrest height above seat	5-8 (13-20)	7-10½ (18-27)	7-10½ (18-27)
Trunk Support width	5½-9½ (14-24)	7½-11½ (19-28)	10-14 (25-36)
Backrest height	15 (38)	Low 13 (33) High 18 (46)	Low 19 (48) High 24 (61)
Headrest height above seat (high back)	17-21 (45-53)	20-24 (51-61)	26-30 (66-76)
Max. working load - lbs (kg)	75 (34)	150 (68)	225 (102)

Rifton Seating System Options



Stationary



Low Back Mobile



High Back Mobile

	Stationary	Low Back Mobile	High Back Mobile
Small	R611		R631
Medium	R612	R622	R632
Large	R613	R623	R633

Assembly, Adjustment and Operation 🧑🏠🧑

Your Rifton Chair has been shipped according to your specifications. It will require some tool free assembly. Follow these instructions to insure that your chair is put together correctly. If your shipment is incomplete, please contact Customer Service. This product manual is comprehensive and may discuss features not included in your chair.

Seat Height



To adjust the seat height, rotate the labeled adjustment bar under the seat. Each half turn moves the chair up or down one half inch.

Seat Tilt



Rotating the tilt adjustment bar tilts the seat and back. The pivot at the front of the seat maintains desired seat height.



Height Handle

Tilt Handle

NOTE: If you are using the chair in any of the back tilted positions, consider using the headrest to support the user's head.

The **Spring Option** can be locked or unlocked using the two blue spring locks on either end of the tilt adjustment handle.

Disable spring by pulling both blue latches firmly back all the way.

To release the spring, push both blue latches to the forward position.



Mobile Rifton Chairs include four **locking casters**. Depress the lever on each caster to lock the chair.



The **hip strap** has three possible positions on the chair seat.

To remove hip strap, reach under the seat and release the clips. Push the front half of the clip first, then the rear half.

To reposition hip strap, insert it into the desired slot and push down firmly until you hear it click into place. Pull on the strap to check that it is secure.



The **pads** are shipped assembled onto the chair. The seat pad is attached with the wide part to the front, using snaps which attach to the seat. The back pad has two pockets which slip over the edges of the backrest.



To attach the **backrest**:

1. Loosen the two knobs under the seat.
2. Slide the backrest into the holes.
3. Push the backrest all the way in until it clicks.
4. Re-tighten the knobs.

The seat depth can be adjusted by loosening the knobs and moving the backrest in or out.



Loosen knobs

To adjust backrest angle, loosen both oval knobs, move the backrest to the desired angle, and re-tighten both knobs securely.



Loosen knobs

To attach the **trunk support** first remove the headrest. Squeeze the finger triggers as shown, and slide the trunk support down from the top of the backrest. It will click into position. You may need to move the pads outwards before sliding the trunk support over the backrest.

Adjust the trunk support pads by loosening the corresponding knob on the back of the trunk support.



The **anterior support** clips onto the trunk support. To remove it simply lift the clips straight up. To adjust the length, release the hook and loop fastener and pull the strap through the clip to the desired length.



To attach or adjust the **headrest**, squeeze the two latches and slide it down from the top of the backrest to desired height. Make sure the latches clip securely into the notches in the track.



There are two kinds of headrest: **contoured** and **flat**.



The two side pads attach to the inside face of the armrests.

To install them:

1. Remove the bolt from the armrest.
2. Insert the head of the bolt into the keyhole slot inside the side pad (it must be all the way at the top of the slot, above the plastic bumps).
3. While holding the bolt in position in the pad, thread the other end through the 2 parts of the armrest and secure with knob.
4. Tighten the knob to hold the pad in place securely (the armrest can still be adjusted when the pad is attached).



To attach the **armrests**, insert the front first, and press down at the back until the latch clicks into place. To remove armrest, depress latch at back and lift up.



Latch

To adjust the armrest's height and angle:

1. Loosen the knob slightly.
2. Slide the armrest forward.
3. Move it to the desired position.
4. Slide it back.
5. Tighten the knob securely.



When tray is in use, be sure that both armrests are at the same height and angle.

Additional side pads can be added to reduce seat width. To install, slip additional side pad over existing pad starting at the front.



A **footboard** comes with every mobile chair and can slide out of the way under the chair.

To adjust, pull the two latches up, move the footboard to the desired position and lock in place.



Latch

Sandals and **wedges** are available for positioning the feet on the footboard. To adjust the sandals, remove the knobs from the sandal, place it in the desired position, and re-insert knobs.

Sandals and wedges latch onto the sandal base with the blue levers.

Wedges may be used either way around and even stacked. To add a wedge, remove the sandal from the base, set the wedge on the base and latch in place. Put the sandal on top, and latch it as well.



Either the **abductor** or the **leg prompts** fit into the square socket underneath the front of the seat. To install, pull up on the latch underneath the square socket and insert either leg support piece. Push back until it clicks into the desired position.

Make sure you insert the abductor or leg prompts with the holes in the square tube facing down.

The pads on the leg prompt can be adjusted laterally by squeezing the latch on the back. Use the hook and loop fastener strap to secure client's leg position.



The **tray** has a one-handed release handle under the front edge and slides into slots in the armrests. Pull handle to attach, remove, or adjust the tray.



A **handhold** can be attached anywhere on the edge of the tray. To attach, slide the handhold along the front or side rim. Tighten using the oval knob underneath.



Maintenance 🧰

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

Cleaning 🧑🏠 🧰

Many of the components of the Rifton Chair can be removed for cleaning. Clean chair by wiping with a damp cloth using soap and water or a mild disinfectant solution. Rinse with a damp cloth and water. Do not use excessive amounts of water.

The upholstery should be cleaned in the same manner with a damp cloth and mild disinfectant. You may also use a commercial cleaning agent suitable for imitation leather.

The straps with hook and loop closures may be laundered. Engage the closures before washing. Do not iron.

Construction 🧑🔧

The Rifton Chair is constructed of a variety of materials. The contoured wood seat and backrest are made of laminated maple and the other wood parts are birch plywood and solid maple, all finished with a clear polyurethane lacquer.

Most of the metal parts are steel with a durable baked-on finish, except for a few which are stainless steel. All hardware is zinc plated.

The chair also contains many parts made of sturdy molded plastic. The beige padded supports are made of molded EVA.

The sewn upholstery is urethane foam covered with expanded vinyl fabric. The safety straps are polypropylene webbing.

User Modifications 🧑🏠🔧

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