

OPERATING INSTRUCTIONS

The following instructions are generic for most of the features of the Ascender 7000 series. The specific chairs delivered to you are checked off in the table below. Please contact Rehab Seating Systems immediately if the chairs delivered to you are not what you requested.

The Ascender 7000 series is group of specialty seating systems that have been designed for use in both orthopedic and bariatric clinical applications including the transport of these difficult to move patients. Primarily designed for orthopedic applications e.g. total hip replacements, the 7000 series was modified to accommodate a range of heights and weights to better meet the anthropomorphic challenges faced by care givers. The 7000 series comes in three widths (20, 24 and 28 inches) that support 300, 500 and 1,000 lb weight capacities, and with several options such as the slant seat and leg support attachment that serve the ergonomic needs of both patients and care providers. The table below summarizes the Ascender 7000 series.

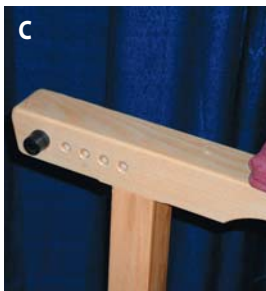
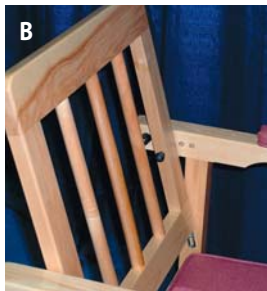
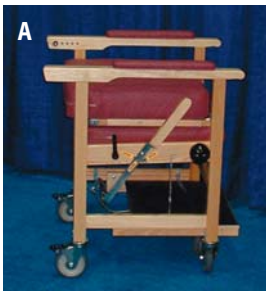
Item	Description	Wgt Capacity	Seat Hgt	Seat Width	✓
7000	Ascender 300 Standard Hip	300	25/23	20	
7300	Ascender 500 Standard Hip	500	25/23	24	
7500	Ascender 1000 Standard Hip	1000	25/23	28	
7001	Ascender 300 Ultra Hip	300	25/23	20	
7301	Ascender 500 Ultra Hip	500	25/23	24	
7501	Ascender 1000 Ultra Hip	1000	25/23	28	
7100	Ascender 300 Slant Hip	300	25/23	20	
7700	Ascender 500 Slant Hip	500	25/23	24	
7800	Ascender 1000 Slant Hip	1000	25/23	28	
7101	Ascender 300 Ultra Slant Hip	300	25/23	20	
7701	Ascender 500 Ultra Slant Hip	500	25/23	24	
7801	Ascender 1000 Ultra Slant Hip	1000	25/23	28	
7200	Ascender 300 Transporter	300	25/23	20	
7400	Ascender 500 Transporter	500	25/23	24	
7600	Ascender 1000 Transporter	1000	25/23	28	
7201	Ascender 300 Ultra Transporter	300	25/23	20	
7401	Ascender 500 Ultra Transporter	500	25/23	24	
7601	Ascender 1000 Ultra Transporter	1000	25/23	28	



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OPERATING INSTRUCTIONS

for the Ascender 7000 Series of Specialty Chairs



1. Unpacking. Rehab Seating takes great care to pack and ship its chairs so that they are in pristine condition when delivered to the clinical area for use. After removing the chair from its shipping container, the chair should be inspected for any gross flaws or damage that may have been sustained during shipping. If any are found, Rehab Seating Systems should be contacted immediately. Please retain the container in case the chair needs to be returned to our factory.

2. Preparing the Seat for Use. The chairs are packed in such a manner as to be ready for use in a matter of minutes. No assembly is required. **Figure A** shows the chair after removal from the shipping container. By simply removing any fasteners that hold the moving parts in place, adjusting the seat back into the desired slot located on the back of the arm rest (**figures B**



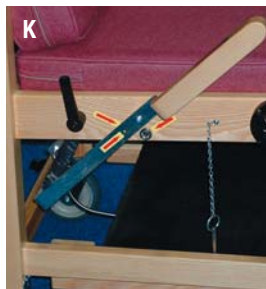
and **C**), and placing the cushions on the seat and against the back rest (**figures D and E**), the chair is ready for use. A completely assembled chair is shown in **figures F and G**.

3. The Foot Rest Mechanism. The retractable foot rest is a patented feature of the Ascender 7000 series of chairs. It is also a key to the ergonomic principles that underpin the chair's clinical effectiveness. Most notably, the foot rest (along with the extended arm rests and elevated seat height) make the 'sit to stand' maneuver safe and easy (**figures H, I, and J**).



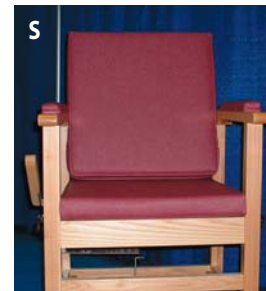
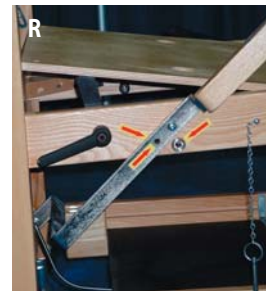
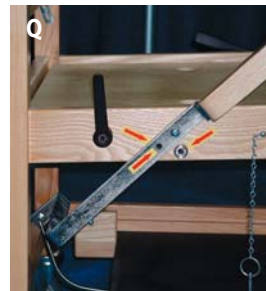
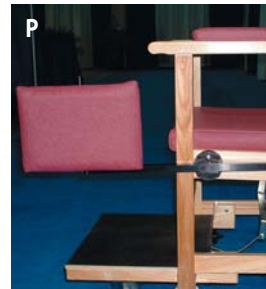
The foot rest is engaged by using the handle positioned on the side of the chair shown in **figure K**. The handle can be used on either side. The Transporter model has a chain with locking pin to secure the foot rest in either position (**figure L**).

4. The E-Z Leg up Attachment (Ultra Option). This option is valuable in the treatment of knee, below-the-knee amputations and other lower extremity problems. The leg up mechanism consists of a two clamps attached to each side of the chair (**figure M**). The leg rest slides easily into the holder and can be adjusted in several ways to meet many clinical needs. First by disengaging the pin on the holder, the leg support can be positioned at five different angles (**figures N and O**). Also the leg support can slide so that it is flush with the seat cushion (for stumps or patients with short legs) and further away from the cushion (for patients with longer legs). Finally, the leg support can be pivoted away from the seat to allow clear entry and exit from the chair (**figure P**).



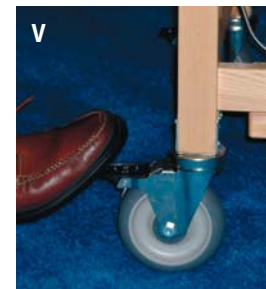
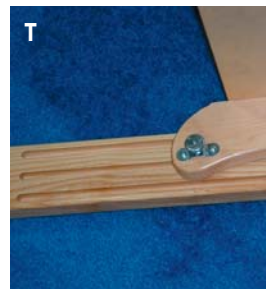
5. Slant Seat. The Slant Seat option allows the seat pan to be repositioned to a 10° forward slope by simply flipping a lever on the side of the chair (**figures Q and R**). A forward sloping seat pan further guarantees that hip flexion post implant will not exceed 90 degrees (in most cases, closer to 70 degrees), as well as making entry and exit easier for mobility limited patients.

6. Height Adjustment. The Ascender 7000 series allows for seat cushion and foot rest adjustments that can accommodate a wide range of patient heights and dimensions. By simply interchanging the seat (thick) and back (thin) cushions the seat height is adjusted from 25 to 23 inches



(**figure S**). In addition, there are three grooves that effectively lower or raise the foot rest by an additional couple of inches to accommodate a range of knee to foot lengths (**figure T**). Care should be taken to adjust the leveling glides to keep the foot rest parallel with the floor (**figure U**). These simple manipulations provide wide reaching flexibility to fit the very tall to very short patients.

7. Transporter. The Ascender Transporter differs from the orthopedic chairs in a couple of important ways; first, it includes a set of individually locking castor wheels to allow the patient to be transported to other locations in the hospital (**figure V**). Second, a long push handle is fastened to the back of the Transporter to allow any hand positioning that is comfortable for the care provider (**figure W**). Other features include an IV pole that directly attaches to the



frame as well as an Oxygen bottle holder. These options can be placed on any 7000 series chair, but they are most suitable for the Transporter to eliminate the need for separate IV poles and Oxygen bottle carriers. The Transporter is thus a self-contained transportation unit.

8. Miscellaneous Features. The Ascender 7000 series includes a set of rear wheels set off the back of the chair frame (**figures X and Y**). These wheels are provided to make moving the empty chair easier for the care provider and can not be used for transporting patients. *Misuse in this way will invalidate the warranty.*

