



Mobile Shower Commode Chairs

Raz ... nothing else
comes close!



The Raz Advantage

Seats

The seat is the most important component of a Mobile Shower Commode Chair (MSCC). Raz has the largest selection of seats offered by any MSCC manufacturer: we offer 22 off-the-shelf models as well as custom.



IPAS (Ischial Pelvic Alignment System)

Raz seats are easily removable for cleaning and interchangeability. Our proprietary mounting brackets allow our seats to be adjusted fore / aft within a 2" range. These adjustments are critical for optimal alignment of the ITs within the aperture (commode opening). (see [Accessories Brochure](#))

Frame Sizes and Configurations

• AT:	5 widths, 2 lengths and 2 height ranges	• AT600:	5 widths
• AP/SP:	4 widths, 2 lengths and 2 height ranges	• AP/SP600:	5 widths
• CAT:	3 widths		
• ART:	1 width, 1 length and 2 height ranges		
• Züm:	1 width, 1 length		



Super-Low AT (5" lower)



Options and Accessories

Raz has the largest selection of options and accessories to create the optimal MSCC configuration. (see [Accessories Brochure](#))

Modular Construction

Our design philosophy centers around the principle of modularity. Raz MSCCs can be configured to accommodate the client's medical condition and functional needs.



SP Axle Plate



34"W AP600



Sacral Relief

Custom Solutions

When standard configurations don't meet specific needs, Raz will engineer and fabricate unique solutions including seats, frames and accessories.

Raz-AT Attendant Tilt



- 40° tilt range
- Gas struts help lift client out of tilt
- 5 widths and 2 depths
- 4 back heights (15" / 17" / 20" / 24")
- Adjustable back angle (90° / 97°)
- Height-adjustable frame (21"-25")
- Super-Low frame available (16"-20")
- 8° or 15° of anterior tilt
- Tilt Limiters available (no charge)
- Stainless steel frame



Pressurized Gas Struts

400
lbs

Weight Capacity

Recline Module

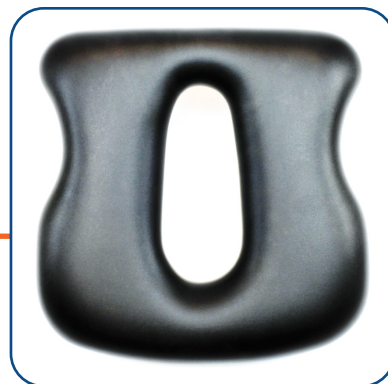
- Available for Raz-AT / CAT / AP / SP
- 30° recline range (tilt limited to 25°)
- 2 reclining back heights (20" / 24")
- 2-Point Reclining Arms are standard
- Gas struts help lift client out of recline



Raz-CAT Compact Attendant Tilt

... for growing kids and small adults!

- 3" shorter seat and base frames vs. Raz-AT
- Growable via modular back frames:
 - 3 back widths: 14" / 16" / 18"
 - 2 back heights: 15" / 18"
 - Seat depth adjusts from 11"-16"
- 40° tilt range
- Adjustable back angle (90° / 97°)
- Height-adjustable frame (21"-25")
- Seat with unique, tapered, oblong aperture
- Optional Recline Module
- Stainless steel frame

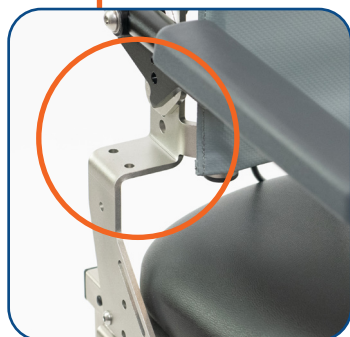


Standard CAT Seat

Tapered, oblong aperture (3.5"W at front and 4.5"W at rear). Aperture width increases as the seat depth increases.



3" shorter base frame length vs. Raz-AT



Depth-Adjustable "Reach-Over" Back Frame

- Exclusive to Raz
- Allows for back frame to be narrower than seat frame
- Arm supports can be positioned optimally for trunk width of client
- Seat depth range 11"-16"
- 10" arm support lengths available for shorter seat depths (13" is standard)



Weight Capacity

Raz-ART Attendant Rotational Tilt

... the ART of tilt!

- 40° tilt range
- Patented dual-arc tilt geometry for the lowest possible tilt effort
- Patent-pending tilt locking system
- Small footprint for exceptional maneuverability
- Invertible base frame provides 2 ranges of tool-less height adjustment
- 4 back heights (15" / 17" / 20" / 24")
- Adjustable back angle (90° / 97°)
- Back support can be moved fore / aft within 3" range
- Compatible with all standard 18"W seats
- Lightweight aluminum frame



Maintains a near-constant location of the center of mass (CoM), which greatly reduces tilt effort.



Patented, Dual-Arc
Tilt Geometry



Invertible Base – Low Range
(20"-23")



Invertible Base – High Range
(24"-27")



Innovative Cable
Management System

Raz-AP Attendant Propel



- 4 widths and 2 depths
- Unrestricted front and side access
- 4 back heights (15" / 17" / 20" / 24")
- Adjustable back angle (90° / 97°)
- Tool-less height adjustment range (20"-24")
- 4 dual-locking casters
- Uses same frame as Raz-SP
- Stainless steel frame
- Optional reclining frame



Recessed, dipped front cross tube allows for better toilet bowl access and facilitates standing-pivot transfers



Unrestricted Side Access



Weight Capacity

Raz-SP Self Propel



Adjustable Axle Plate



Ergonomic Handrim
with thumb groove and finger notches

- Center-of-mass adjustable axle plate (3" range)
- 22" or 24" wheels with ergonomic handrims
- 4 widths and 2 depths
- Unrestricted front and side access
- 4 back heights (15" / 17" / 20" / 24")
- Adjustable back angle (90° / 97°)
- Height adjustment range (20"-24")
- Super-Low frame available (16"-18")
- Uses same frame as Raz-AP
- Stainless steel frame
- Reclining Back optional

400
lbs
Weight Capacity

Züm-AP Attendant Propel

Folding Frame



- Folds for storage and transport
- Removable back assembly with vinyl upholstery
- Unrestricted side access
- 5" dual-locking casters
- 17 seats plus custom available
- Uses same frame as Züm-SP
- Aluminum frame



Züm Cross Braces

Designed with a forward arch and low pivot point to allow the Züm to be positioned fully over a toilet



Unrestricted Side Access



Züm-SP Self Propel Folding Frame

- Folds for storage and transport
- 22" or 24" wheels with Quick-Release Axles
- Center-of-mass adjustment (3 positions, 2" range)
- Removable back assembly with vinyl upholstery
- Unrestricted side access
- 5" dual-locking casters
- 17 seats plus custom available
- Uses same frame as Züm-AP
- Aluminum frame



The axle receiver can be positioned for 22" or 24" wheels and can be placed in 3 different fore / aft positions for center-of-mass adjustment. The Züm-SP can also be configured to accept client's own wheelchair wheels.



Züm-SP folded

350
lbs
Weight Capacity

RazBari Bariatric Chairs

Raz-AT600 Attendant Tilt 600-lb capacity



- WASS – Weight Assist Spring System
- 2 weight ranges (350-450 lbs / 450-600 lbs)
- 25° tilt range
- 5 widths (22" / 24" / 26" / 28" / 30")
- Adjustable back angle (90° / 97°)
- Back frame adjustable fore / aft (3" range)
- Gluteal shelf accommodation
- Height-adjustable
- 6" dual-locking casters
- Stainless steel frame



WASS counterbalances the user's weight to facilitate tilt. Unlike battery-powered MSCCs, the AT600 never needs charging and is always ready for use!

Weight Assist Spring System



Transferring Into a Non-Tilting Chair



Transferring Into a Raz-AT600

The tilting feature of the Raz-AT600 allows for safer transfers when using a mechanical lift. The image above left shows a transfer into a non-tilting chair, which results in the client perched on the front edge of the seat. This is a potentially dangerous situation that can be avoided by using a pre-tilted AT600. Also, having the client on a tilted seat facilitates repositioning.

Raz-AP600 Attendant Propel

600-lb capacity



Gluteal Shelf Accommodation

Lower bend in back canes and tension-adjustable upholstery are standard on all Raz bariatric chairs.

- Gluteal shelf accommodation
- 5 widths (22" / 24" / 26" / 28" / 30")
- Unrestricted front and side access
- Adjustable back angle (90° / 97°)
- Back frame adjustable fore / aft (2" range)
- Tool-less height adjustment (19"-23")
- 5" dual-locking casters (6" optional)
- Stainless steel frame

Raz-SP600

Self Propel 600-lb capacity

- Gluteal shelf accommodation
- 5 widths (22" / 24" / 26" / 28" / 30")
- Center-of-mass adjustable axle plate
- Unrestricted front and side access
- Adjustable back angle (90° / 97°)
- Height-adjustable
- 5" dual-locking casters (6" optional)
- Stainless steel frame



Weight Capacity

24" heavy-duty wheels with ergonomic handrims and stainless steel precision bearings.





MMS Medical
51 East Gate Drive
Little Island
Co.Cork
T45 EA06

T: 021 4618000
E: info@mmsmedical.ie
www.mmsmedical.ie

A special thanks to:
Stephanie Tanguay, OT/L, ATP,
Clinical Education Specialist, Matrix Seating
for suggesting the name **RazBari**

