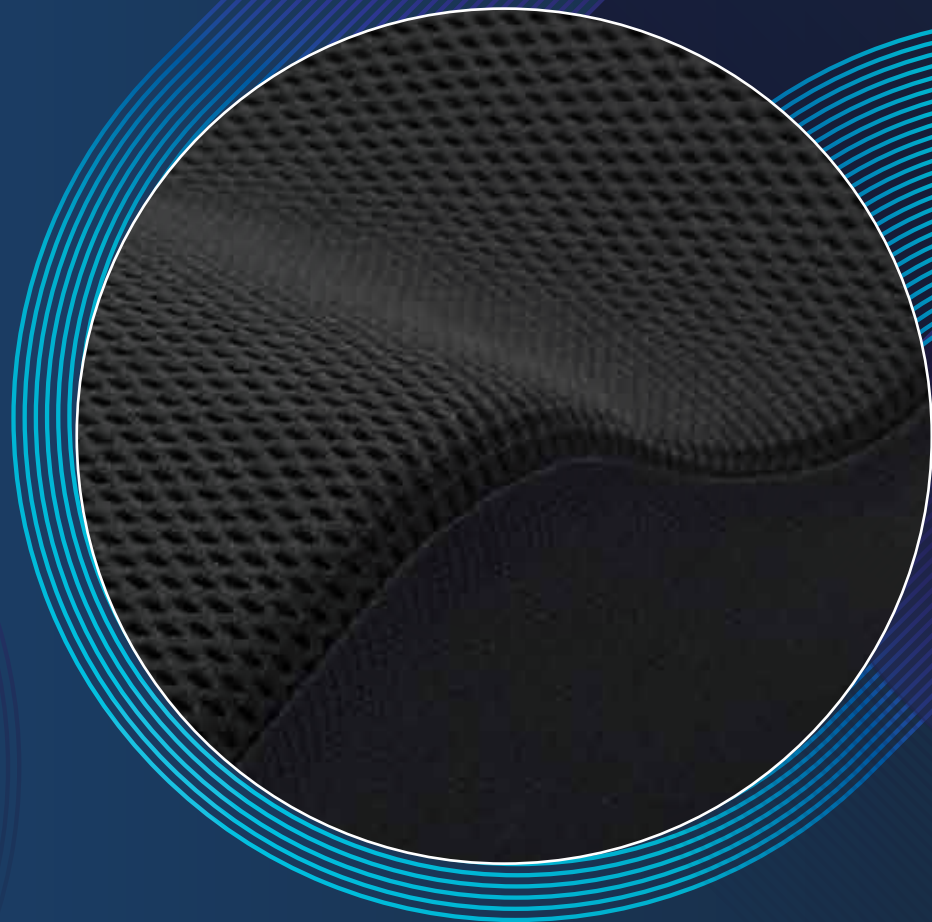




Custom & Orthotic Seating

Cushions & Backs



The thinking underneath
→ changes everything

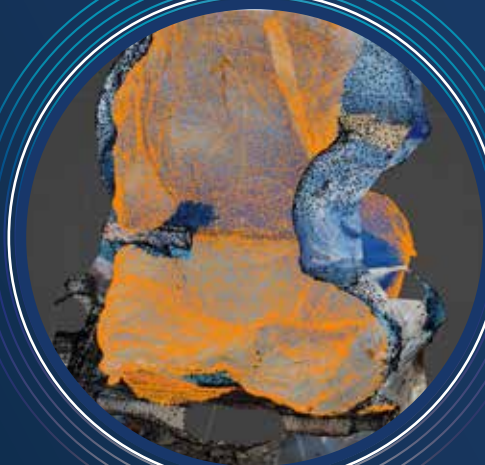
Ride is different.

Ride Designs® has been at the forefront of wheelchair seating innovation for more than two decades.

Grounded in prosthetic and orthotic principles, Ride develops seating solutions that support both postural stability and skin protection.

We apply strategic loading to completely offload the ischials and bony prominences, delivering a high level of skin protection for even the most complex cases.

These offloading principles are applied across the Ride portfolio, from fully custom to off-the-shelf solutions.



ULTIMATE PERSONALISATION

No two bodies are the same. Ride custom seating is designed to accurately fit each rider, using a dual bead-bag system and LiDAR scanning to capture shapes and deliver the best possible seating outcome.



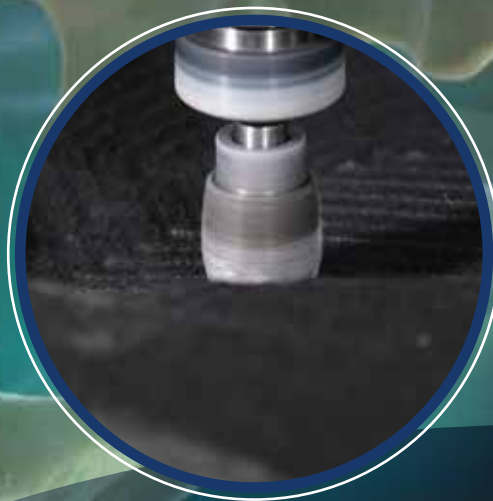
25+ YEARS OF CLINICAL EXPERTISE

Backed by university-level research and decades of clinical experience through the Aspen Seating Clinic, Ride applies biomechanical principles to support complex postures and seating needs.



INNOVATIVE DESIGN

Based on orthotic and prosthetic principles, Ride offloads pressure from high-risk areas while supporting at tolerant tissue— improving posture, mobility, and skin protection.



CUTTING EDGE TECHNOLOGIES

Advanced manufacturing, including 3D-printed backs and CNC-carved cushions, delivers precise seating that supports skin protection and postural control in an industry-leading timeframe.



ENDORSED BY TOP ATHLETES

Developed through the Aspen Seating Clinic in Denver, Ride supports complex clinical needs as well as adaptive sports—delivering precise seating for performance, recreation, and everyday use.

Custom Seating, Reimagined

✓ Effortless Mobility

Seamless integration with the wheelchair preserves the center of gravity, minimizing caster resistance and helping riders propel more efficiently.

✓ Designed Around the Individual

Ride seating is shaped to the person, not the chair, delivering tailored support without bulk or visual dominance.

✓ Advanced Heat and Moisture Management

Breathable materials and engineered airflow help manage heat and moisture while supporting skin protection and long-term comfort.

✓ Seamless System Compatibility

Engineered for seamless integration with QUICKIE power wheelchairs and a wide range of mobility bases, Ride simplifies configuration for clinicians and dealers while helping maintain stability, traction, and overall performance.

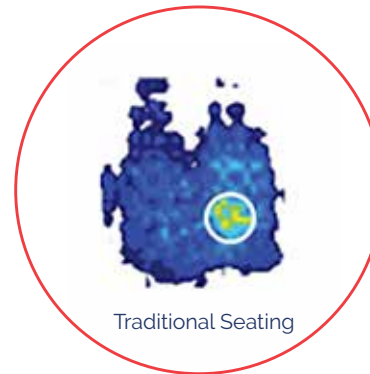
Custom seating, evolved.

THE SCIENCE OF OFFLOADING

Traditional seating distributes pressure across the contact surface through immersion. Ride takes an orthotic and prosthetic-inspired approach—offloading pressure from high-risk bony prominences and directing load to safe areas.

The result:

- ✓ Better skin outcomes
- ✓ Improved posture
- ✓ Greater confidence in sitting



**Ride has university-level research to measure efficacy...
so we have the evidence that our products work.**

Aspen Seating Clinic



TEAM UP WITH THE EXPERTS IN WHEELCHAIR SEATING

Ride hosts the Aspen Seating Clinic at its Denver headquarters, where elite athletes, Paralympians, and individuals with complex wheelchair needs receive advanced seating solutions.

The clinic brings together Orthotists, Prosthetists, and PT/OT clinicians with over a century of combined experience in seating and mobility. Using Ride products daily, the team supports the most complex needs—from sports and recreation setups to challenging clinical cases.

Aspen Seating Clinic is the source and proving ground for Ride's innovative product line.



FAST

An industry-leading lead time, with most custom seating orders shipping within two weeks.

FREE, LIVE TECHNICAL SUPPORT

Expert, real-time help for complex seating challenges. Schedule phone or video support at support@ridedesigns.com.

FOCUSED

Wheelchair seating is all we do—expert help for even the most complex needs. Try us!

Custom by Design – How We Do It

Every Ride system begins with an intuitive moulding process.

Using a dual bead-bag and vacuum system, the client's seated posture is precisely captured.

Photos and scans recorded in the RideWorks® app ensure accurate translation from mould to manufacture.

The result...

Seating shaped to the person—supporting their posture, goals, and daily life.



Step 1 Postural plinth assessment	Step 2 Prepare the shape capture bags	Step 3 Mould the client
Step 4 Mark up the shape capture bags	Step 5 Scan shape using the RideWorks App	Step 6 Fill in the prescription form

Range →



RIDE CUSHION RANGE

Manage both skin and posture with four remarkably simple cushions.

Custom Seating for Active Lives

Traditionally, custom seating has been focused on power or tilt-in-space chairs due to bulk and weight. Ride changes this. Lightweight and fully custom-contoured, Ride seating brings tailored support to active riders – integrating seamlessly with the wheelchair without compromising performance or independence.

Standard Range

For less complex postural needs, Ride offers proven off-the-shelf solutions that deliver stability, comfort, and skin protection.

RIDE BACK RANGE

A properly fitted back support can help improve balance and maintain position on the seat cushion, resulting in increased freedom of movement and independence.

Accurate support and balance of the trunk can also help reduce pressure and shear stresses on the seat cushion, contributing to good skin outcomes.

Forward Cushion



Comfort, positioning & slide prevention

HCPCS Code E2607

- Mild to moderate **skin protection**
- Emphasis on comfort and **prevention of forward sliding**
- Suitable for children, older riders, and clients with stroke, brain injury, or incomplete SCI

Skin Indicators

Mild to moderate skin risk*

History of stage 1 to 2 pressure injuries

Normal to impaired sensation

Incontinence protection

Postural Indicators

Pelvis levels relatively easily

Mild to moderate posterior pelvic tilt

Tendency for sliding forward on cushion

Adult and Pediatric Sizes

* No cushion can completely eliminate sitting pressure or prevent pressure injuries. Ride Designs cushions complement—rather than replace—good skin care, nutrition, hygiene, and regular pressure relief.

Java Cushion



Superior interface pressure management & unmatched sitting stability

HCPCS Code E2624

- High level of sitting stability with **advanced heat and moisture management**
- Research demonstrates the Java Cushion's **superiority in sitting stability** and management of interface pressure and deep tissue deformation



Skin Indicators

All levels of skin risk*

History of stage 1 to 4 pressure injuries*

Mild to severe muscular atrophy

Normal to mild moderate

Incontinence protection

Postural Indicators

Pelvis levels relatively easily or through cushion adjustment with available accessories can achieve balanced seated alignment

Mild to moderate posterior to anterior pelvic tilt

Mild to strong tendency for sliding forward on cushion

Custom 2 Cushion



Offloading | Maximum skin protection & stability



- **Custom made** to virtually any size or shape
- **Most exacting fit** for complex needs and unique body shapes
- **Off-loads bony prominences** and redirects load to lower-risk areas
 - Offering the **highest level of skin protection**, comfort and postural support
 - Excellent **heat and moisture management**
 - Amazingly **lightweight**
 - Two **contour options** for accurate prescription

Custom

HCPCS Code E2609

Skin Indicators

All levels of skin risk*

Mild to severe muscular atrophy

Normal to absent sensation

Incontinence protection

Postural Indicators

Correct or accommodate with stabilization at optimal client alignment, typically, but not always, characterized by challenging presentations that do not correct to balanced and symmetrical

Unique body shape

Femoral amputation, hip disarticulation and hemipelvectomy

Mild to strong postural tendencies in multiple anatomic planes

Appropriate for dependent sitters up through active and growing riders

* No cushion can completely eliminate sitting pressure or prevent pressure injuries. Ride Designs cushions complement—rather than replace—good skin care, nutrition, hygiene, and regular pressure relief.

Accusoft Cushion



Full contact | Precision fit with a softer feel



- All the **accuracy of Custom 2**, using soft polyurethane foam
- **Forgiving surface** for comfort and tolerance
- Ideal where **multiple care givers** or softer seating is preferred
- For **added protection in high-risk areas**, the optional Ride Contour feature subtly shifts load toward the thighs and posterior-lateral buttocks, helping reduce forces under the ischial tuberosities

Custom

HCPCS Code E2609

Skin Indicators

Mild to moderate skin risk*

Mild to severe muscular atrophy

Normal to mild moderate or absent/ fully impaired

Incontinence protection

Postural Indicators

Comfortable accommodation with stabilization of optimal client alignment, typically, but not always, characterized by challenging presentations that do not correct to balanced and symmetrical

Unique body shape

High amputation up to and inclusive of hip disarticulation and hemipelvectomy

Mild to moderate postural tendencies in multiple anatomic planes

Client preference for a soft feel

NOTE: The Ride Custom AccuSoft Cushion is not a fully off-loading cushion. For orthotic off-loading, consider using the Java® Cushion or Ride Custom 2 Cushion for the ultimate in skin safety and postural support.

Java & Java Decaf Backs



Patented biomechanical design to optimise pelvic stability and trunk balance.

JAVA BACK
HCPCS Code E2615/E2620

JAVA DECAF BACK
HCPCS Code E2615

JAVA BACK

- Flexible biomechanical design supports natural movement
- Comfort and stability at rest without restricting function
- Highly adjustable height, depth, angle, and pelvic support
- Broad size range for accurate fit

JAVA DECAF BACK

- All the support and adjustability of the Ride Java Back, specially designed for pediatric riders.



Custom Back



Precise, supportive back support designed to pair perfectly with Ride Custom cushions.

Custom

HCPCS Code E2617

- Custom-made to virtually any size or shape
- Choice of breathable 3D mesh or soft AccuSoft® foam liner
- Thin profile suitable for active riders
- FlexLoc® hardware for multi-axis adjustment and optimal balance

Postural Indicators

Significant postural asymmetry and/or impaired trunk control who require precise support to maintain postural alignment, stability and functional sitting



More Benefits of Choosing Ride

COMPATIBLE WITH A WIDE RANGE OF CHAIRS

Innovative FlexLoc® hardware fits most chairs with round tubing and offers precise adjustment in height, depth, angle, and rotation. Fixed or quick-release options provide strength, flexibility, and easy transport.

AFTERMARKET MODIFICATIONS

Cushions and backs are designed to be adjusted by wheelchair services, ensuring continued postural match as client needs change.

ANATOMICAL GROWTH KITS

Growth kits allow replacement cushions and backrests to be ordered at reduced cost—supporting growing clients without replacing the entire system.

ASSESSED, MANUFACTURED & DELIVERED BY SUNRISE MEDICAL

Simple order process by coordinating both seating and wheelchair through a single supported assessment.

Choose Your Wheelbase

Choosing the right wheelbase is key to providing independence, support, and function.

Ride seating integrates with Sunrise Medical wheelchairs and a wide range of other mobility bases, supporting assessment through to delivery with consistent postural and pressure management.

Ride seating integrates across multiple wheelbases:

✓ **Powered Wheelchairs**

Fits cleanly onto powerchairs with minimal impact on seat depth or centre of gravity, maintaining stability, traction, and driving performance.

✓ **Tilt-in-Space Wheelchairs**

Lightweight, compact design supports accurate positioning without overloading castors, improving ease of tilt and caregiver handling.

✓ **Active Manual Wheelchairs**

Maintains pushing efficiency and balance, with slim construction plus quick-release backs and removable cushions for easier transfers.

ACCESSORIES AND INTEGRATION

Compatible with Whitmyer® headrests, JAY® belts and harnesses, and other third-party accessories—allowing a complete, integrated seating setup without multiple ordering steps.





For further information on the full specification, options, and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have.



If you are visually impaired, this document can be viewed in PDF format at www.RideDesigns.com.