



**Netti®**  
BY ALU REHAB



Ride® seat and back cushions

Skin protection &  
position control

 *Enable joy of life*

# Why Netti recommends Ride cushions

A Ride cushion can help manage heat and moisture, help reduce deep tissue deformation at high risk areas, and provide a stable base of support for improved sitting performance. Ride cushions work by selectively loading low risk areas of the anatomy while off-loading high risk bony prominences. All Ride cushions are remarkably lightweight and surprisingly comfortable.

The advantages of choosing a Ride solution are:

- Lower maintenance
- Lower pressures at high risk areas
- Greater sitting stability
- Less deep tissue deformation
- Cooler and dryer - protects skin

joy of life

## WHO IS RIDE®?

Ride Designs® is the leader in the development and provision of unique and highly effective seating systems for wheelchair users representing a broad range of needs from simple to complex. Since 1998, Ride Designs®' success stems from the commitment to a core set of principles. Ride's products are developed, tested, provided and proven through the Ride® owned Aspen Seating Clinic.



**Helps prevent sliding while providing superior support and protection.**



#### **Forward**

Mild to moderate skin protection with an emphasis on comfort and prevention of sliding. Works well for the growing and developing child or in support of people with stroke, brain injury, incomplete SCI and the elderly.



#### **Java**

Postural correction and unmatched sitting stability with heat and moisture management. Lightest cushion in its class.

Netti helps you improve the wheelchair users posture and skin health.



#### **Java Back**

Considerable support with a broad range of widths and depths, with lots of adjustability, and configurations to fit nearly anyone.



#### **Decaf Java**

Considerable support with all the adjustability of the Ride Java Back, and more, specially designed for pediatric users.



# Forward™

**The Ride Forward Cushion surround the pelvis with supportive contours while reducing pressure around at-risk bony prominences. This helps improve postural control without compromise of skin protection.**



The spacer fabric outer cover does not compress, allowing air to move between the sitter and the cushion, helping to keep skin dry and cool.



Inner incontinent resistant cover, shown from the rear.

## PROVIDES COMFORT AND PROTECTION

The top visco-elastic layer provides protection and comfort as it conforms to body shape, helping to decrease peak pressures.

## CONTROLS POSITION FOR IMPROVED BALANCE

Ride's patented contoured base helps promote and control improved posture and balance. Added CAM Wedges can be used to further adjust the cushion as needed.

## KEEPS SKIN COOL AND DRY

Even under significant load, the spacer fabric outer cover does not compress, allowing air to move between the sitter and the cushion. The inner cover really works. There are no seams or zippers in the path of liquid drainage, ensuring the cushion will not absorb moisture. Large accidents or spills simply roll off the back of the cushion.

## CLEANS EASILY

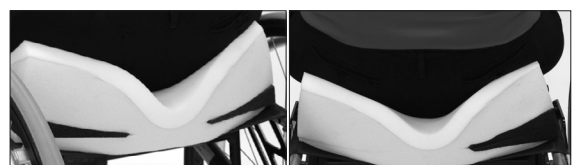
The Forward Cushion can be disassembled and washed or sanitized.

## FITS PEDIATRIC USERS

Forward Cushions are available in sizes as small as 25 x 25 cm with a contour specially optimized for the pediatric pelvis.

## Adjustable and Adaptable

Ride CAM wedges adjust the cushion for ischial clearance. Insert wedge(s) as needed, then trim them flush with cushion base.



Use CAM Wedges asymmetrically to help level a flexible pelvic obliquity. Use CAM Wedges symmetrically to promote more upright posture and decrease ischial pressure.





Works well for the growing and developing child or in support of people with stroke, brain injury, incomplete SCI and the elderly.

### Skin indicators

- Mild to moderate skin risk
- Presence or history of category 1 to 2 wounds
- Normal to impaired sensation
- Incontinence protection

### Postural indicators

- Pelvis levels relatively easily
- Mild to moderate posterior to anterior pelvic tilt
- Mild to strong tendency for sliding forward on cushion



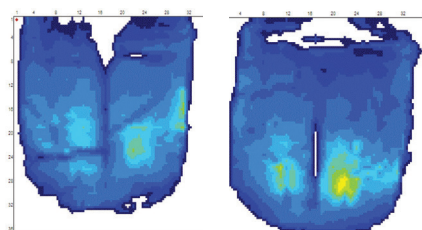
It's all about contour



## WHAT PRESSURE MAPPING REVEALS

A pressure map (shown below) is a computerized tool for assessing pressure distribution. When a subject sits on a pressure mapping mat laid over a cushion, a computer screen displays a map of pressures. Typically, the hotter colors (the reds) indicate areas of higher pressures, and the cooler colors (the blues) indicate areas of lower pressures.

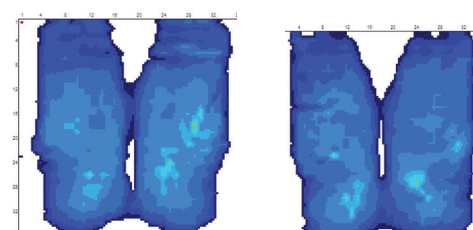
### Competitive Cushion



Start sitting      30 minutes later

After sitting for only 30 minutes, the competitor cushion's visco-elastic material displaces, causing the sitter to bottom out on the polyurethane foam base. This creates a potentially dangerous situation.

### Forward Cushion



Start sitting      30 minutes later

Performance on the Ride Forward Cushion is consistent at room temperature, and as it warms over the same 30 minutes.

Complete, detailed information on this study, Ride Forward Cushion versus Visco-elastic Competitor, can be found at [www.ridedesigns.com/research](http://www.ridedesigns.com/research).

# JAVA<sup>®</sup>



## Lower Pressures

Significantly lower pressures were noted in the region of the ischial tuberosities, coccyx and sacrum.

## Greater sitting stability and function

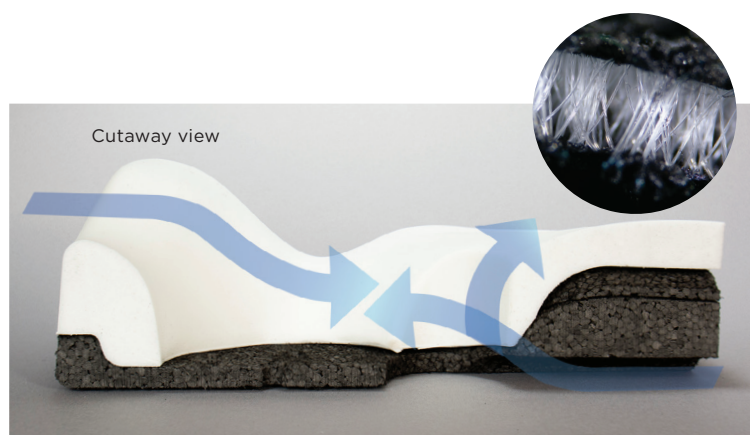
While conducting the pressure mapping study, Dr. Crane (Department of Rehabilitation Sciences, University of Hartford, Connecticut) also measured sitting stability and discovered improved sitting stability on the Java Cushion as evidenced by significantly increased functional reach both to the left and right.

## Lower tissue distortion

Use of the Java Cushion resulted in nearly 50% less tissue compression at the ischial tuberosities than on an air cell cushion.

## Cooler and dryer

In a pilot study comparing the cooling abilities of the Java Cushion design to an air cell cushion, Evan Call of Weber State University documented Java Cushion's superiority in managing heat and moisture.



## HEAT AND MOISTURE MANAGEMENT

A vented base design, contoured top foam, and a breathable spacer mesh fabric cover (detail at right) work together to help keep skin cool and dry.

## 30% LIGHTER THAN A AIR CUSHION\*

Performance need not be compromised to enjoy significantly lighter cushion weight and the possibility of enhanced mobility!

\*40 x 40 cm Java Cushion weighs 1,25 kg, as compared to a 40 x 40 cm air cushion, weighing in at 1,78 kg.

## NO FIT-ESSENTIAL MAINTENANCE

The Java Cushion offers enhanced sitting performance without the need for regular fit-essential maintenance — unlike the ongoing adjustments required to maintain fluid or air volumes in competitive cushion designs.



Postural correction and unmatched sitting stability with heat and moisture management.

### Skin indicators

- Moderate to severe skin risk\*
- Mild to severe muscular atrophy
- Normal to absent sensation
- Incontinence protection

### Postural indicators

- Pelvis levels relatively easily or, through cushion adjustment with available accessories, can achieve balanced seated alignment
- Moderate to severe posterior to anterior pelvic tilt
- Strong tendency for sliding forward on cushion

## Lower Extremity Support

Optional medial and lateral thigh support accessories are interchangeable. Use between the legs to reinforce the medial thigh contour, or on the side of the legs to create a lateral thigh support. Simply configure the accessories to achieve the desired lower extremity alignment, then trim to fit.

Soft, breathable well inserts (optional) can be used to adjust the Java Cushion for ischial loading and improved comfort.

For the best possible pressure, heat, and moisture management, Ride Designs recommends use of the Java Cushion without well inserts.



## Adjustable and Adaptable

Ride CAM wedges adjust the cushion for ischial clearance. Insert wedge(s) as needed, then trim them flush with cushion base.



No wedges.



No wedge on left, two on right.

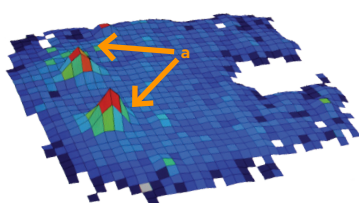


Two wedges each side.

## THE JAVA CUSHION: BETTER BY EVERY MEASURE

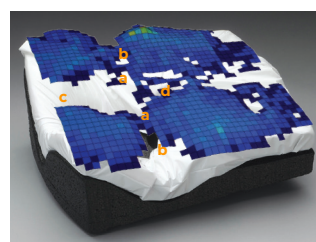
Two recent university-level research studies provide compelling evidence in support of Ride Designs' off-loading philosophy.

### Properly-inflated air cushion



Problem: columns of air lack the stability needed for postural control, and peak pressures tend to be at the high risk bony prominences, especially the ischial tuberosities (a).

### Java Cushion



Solution: Safe and stable support of low risk areas and off-loading of high risk areas:

- a. Ischial Tuberosities (ITs)
- b. Greater Trochanters
- c. Coccyx/Sacrum
- d. Perineum(Groin)

See additional information online

\* No cushion can completely eliminate sitting pressure or prevent pressure sores. Ride Designs cushions are not a substitute for good skin care including proper diet, cleanliness, and regular pressure relief techniques.

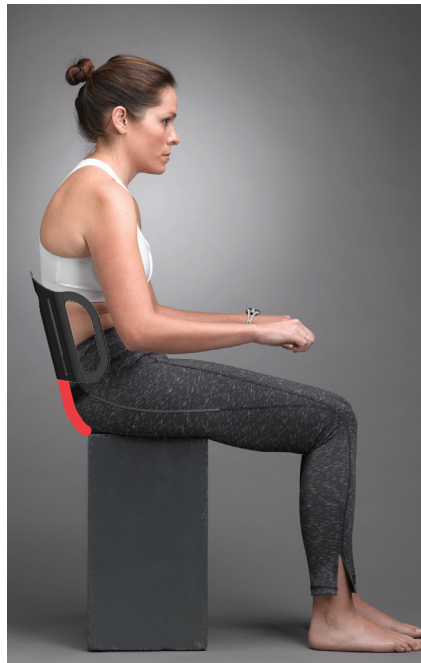
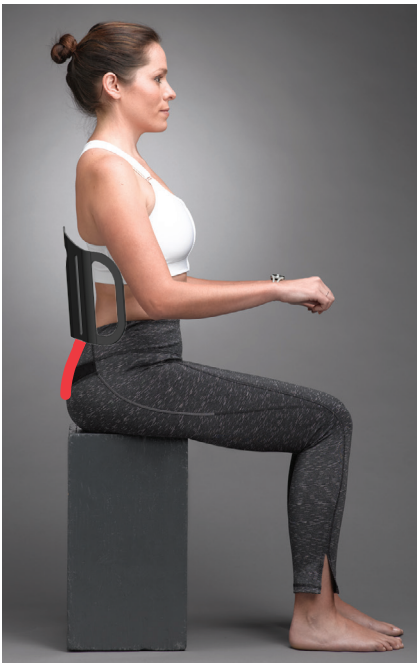


# JAVA<sup>®</sup> BACK



## Biomechanically Designed

Java's patented design provides the flexibility to accurately fit the trunk and pelvis for superior support, comfort, and mobility.



**People are not flat.  
Java recognizes that.**

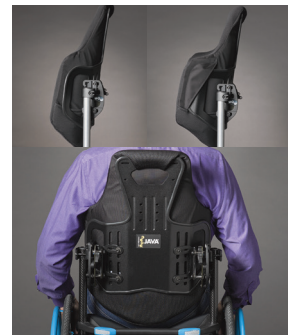
**3 heights  
and 2  
depths  
available  
in each  
size.**



Regular: Below Scapulae



Tall: Mid Scapulae



Grande: Top of Shoulder



- Mild to moderate postural asymmetry
- Need for considerable assistance with trunk balance and support

## Install and fit in no time



Place pivot at PSIS. No loss of pelvic support with back angle adjustment.

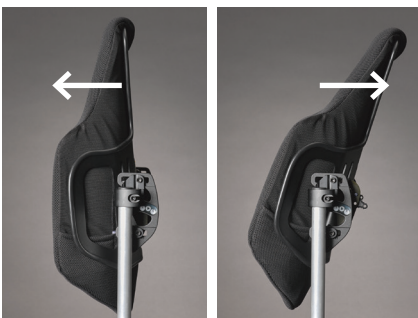


Personalize contour at pelvis and buttocks with included accessories.

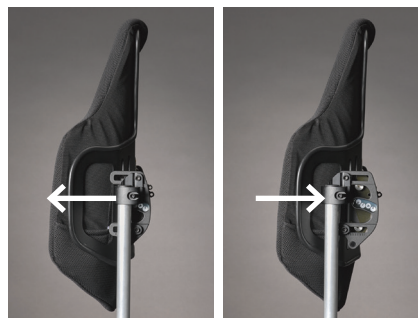


Strike a balance between support and freedom of movement. The Grande shell helps stabilize the spine, while the flexible insert promotes shoulder and arm mobility.

## Easy adjustment



20° of back angle



5 cm seat depth range



Simple permanent mount option



Adjustable back width:  
- 2,5 cm / + 5 cm

## Accessorize



Accessorize with:

- Fixed or swing-away lateral trunk supports
- Head support



# JAVA<sup>®</sup> DECAF



The Java Decaf Back's patented biomechanical design provides the flexibility to accurately fit both the trunk and pelvis for support, comfort and enhanced mobility. Adjustable back angle and personalized contour at pelvis helps provide balanced support and freedom of movement. The Java Decaf Back is most effective when coupled with a Ride<sup>®</sup> wheelchair cushion to aid in pressure relief.

## Unprecedented flexibility for precision fit

### SUPPORTS INDIVIDUAL CONTOURS

Planar, biangular and other back supports are flat from top to bottom. Attempts to adjust a flat wheelchair back with accessories can result in loss of seat depth and compromised trunk contact and support. In contrast, the Java Decaf Back can be flexed specifically to support the unique contours of a growing user's body without loss of seat depth and to provide accurate supportive contact through the pelvis, lumbar and thoracic spine.

### ADJUSTS IN MULTIPLE AXES WITH FLEXLOC<sup>®</sup> HARDWARE

Allows the Decaf Back to be adjusted in multiple axes for optimal contact: height, angle, depth, plus rotational and asymmetrical adjustments.

### ACCOMMODATES GROWTH

Adjusts to fit any wheelchair from 25 to 38 cm wide, the Decaf Back is available in both regular and tall profiles. The Decaf Back can be specifically fitted to the child regardless of his wheelchair width—replace only the back shell and insert to accommodate significant growth.



- Pediatric users with mild to moderate postural asymmetry
- Need for considerable assistance with trunk balance and support



## MEETS SAFETY REQUIREMENTS

The Decaf Back has undergone dynamic testing for use in a motor vehicle (RESNA WC-F:2012, Section 20; ISO 16840-4) and, along with the FlexLoc® attachment hardware, meets all applicable criteria for wheelchair back supports.

## OFFERS LIGHTWEIGHT MOUNTING OPTIONS

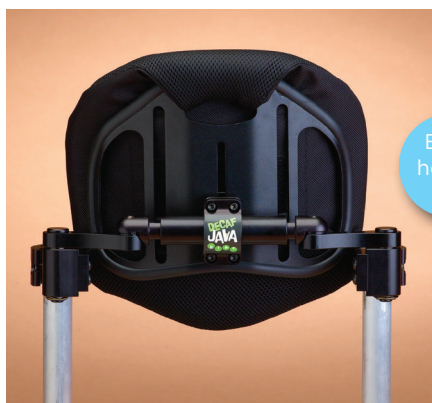
Select fixed mount or quick-release mount for easy one-hand removal.

## REDUCES HEAT AND MOISTURE BUILDUP

A spacer fabric cover promotes air circulation and wicks moisture away from the back.

## ACCURACY OF FIT

Only the Ride® Custom Back, which can be made to fit virtually any size and contour, provides greater accuracy of fit.







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PLEASE CONTACT US FOR FURTHER INFORMATION



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