



JAY ION & UNION

THE PERFECT COMBINATION OF ADVANCED
SKIN PROTECTION, STABILITY AND COMFORT



ION &

UNION

BACKGROUND INTO DEVELOPMENT

JAY cushions like the JAY Balance are renowned for utilising high-end technology in combination with fundamental seating principles to deliver advanced skin protection, stability and comfort.

For the first time, the JAY ION and UNION have integrated this approach into these mid-range cushions.

JAY design engineers have focussed on more effectively meeting the cushion needs of medium-high skin risk users by addressing the current challenges of cushions in this segment and incorporating the fundamental JAY principles and technologies.

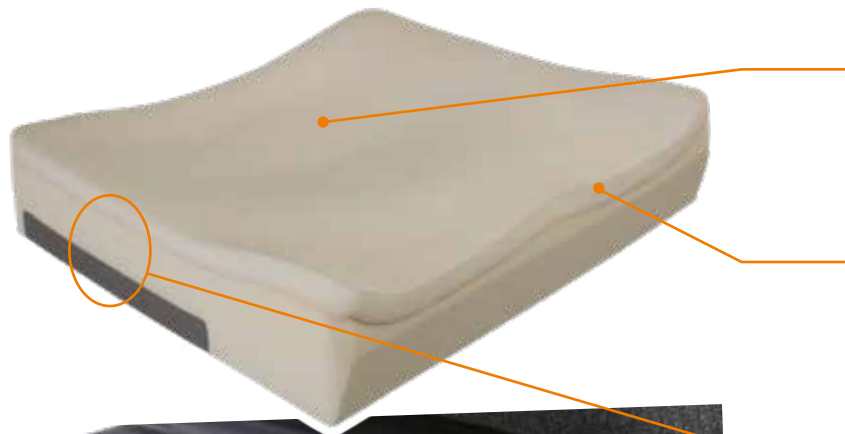
JAY ION and UNION goals:

- // Maximise pelvic immersion for optimum pressure distribution and skin protection
- // Enhance stability and user function through correct pelvic and thigh alignment
- // Maximise comfort to facilitate longer sitting times

JAY ION

STABLE, PRESSURE RELIEVING AND EXCEPTIONALLY COMFORTABLE

AIMED AT MEDIUM RISK SKIN PROTECTION, THE KEY FEATURES INCLUDE:



// **JAY Optimum Seat Well Technology:** The 1" deep anatomically shaped seat well increases pelvic and thigh stability and redistributes pressure. This key feature is unique to JAY and separates it from other conventional medium risk skin protection cushions.



// **Super Soft Memory Foam Topper:** Promotes deeper immersion and increased ventilation for greater skin protection and comfort. Ensures significantly less heat build up when compared to solid visco cushions.

// **Multi-layered Contoured Foam Base:** Unlike traditional solid visco cushions, the integral structural foam inserts increase pelvic stability for enhanced user comfort and function.



// **Innovative Dual Cover Technology:**

The water-resistant dartex **inner cover** with aqua guard zipper and anti-wicking thread protects the base foam from water ingress. It is easy to clean, enhances durability and meets infection control requirements.

The microclimatic **outer cover** features 3DX and spacer fabrics to improve breathability and reduce moisture build up and skin breakdown. Conventional mid range visco cushions struggle to effectively reduce heat build up when sat for longer periods.

MEETS THE NEEDS OF A WIDE RANGE OF USERS

For optimised immersion for each individual, the JAY Seat Well size and firmness of the foam are automatically determined by cushion width and correspond directly with user weight. The result is a simple to order cushion that effectively meets the needs of smaller, lighter users through to larger, heavier users.

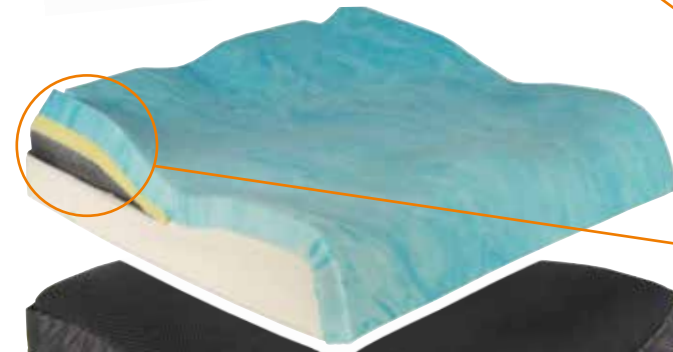
JAY UNION

THE PERFECT COMBINATION OF FOAM AND FLUID FOR HIGHER LEVEL SKIN PROTECTION, STABILITY AND COMFORT

AIMED AT MEDIUM - HIGH RISK SKIN PROTECTION, THE KEY FEATURES INCLUDE:



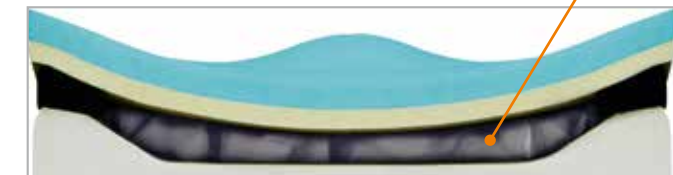
// JAY Optimum Seat Well Technology: The 2" deep anatomically shaped seat well increases pelvic and thigh stability and redistributes pressure. This key feature is unique to JAY and separates it from other conventional medium to high risk skin protection cushions.



// Rear Wall with Sacral Notch Cut Out: The front and rear well walls have been designed specifically to prevent fluid migration and also reduce pressure around the sacral area. This design also helps keep the fluid where it is needed. Conventional medium risk cushions often struggle to prevent 'bottoming out' due to fluid migration when the seat is tilted.



// Deeply Contoured, Multi-layered Foam Base: The more aggressively contoured base, deeper seat well and 1" lateral hip supports improve positioning of the pelvis and thighs.

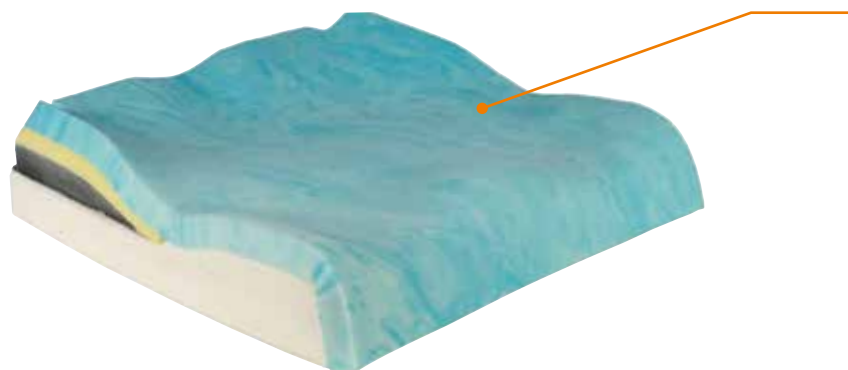


// JAY Flow® Fluid Technology: The JAY FLOW fluid pad sits in the seat well below the foam layer. The JAY fluid allows envelopment and immersion of the pelvis to provide higher level skin protection. The integral fluid pad design ensures low maintenance as requires no kneading.

Cross section showing integral fluid insert

JAY UNION

AIMED AT MEDIUM - HIGH RISK SKIN PROTECTION, THE KEY FEATURES INCLUDE:



// New MemGel® Memory Foam Topper: The 1" thick overlay of gel infused swirled MemGel® foam has several functions. Unlike conventional solid visco cushions, the MemGel® topper increases the immersion of the pelvis and thighs to spread pressure more evenly whilst preventing heat build up and compromising on lateral stability.

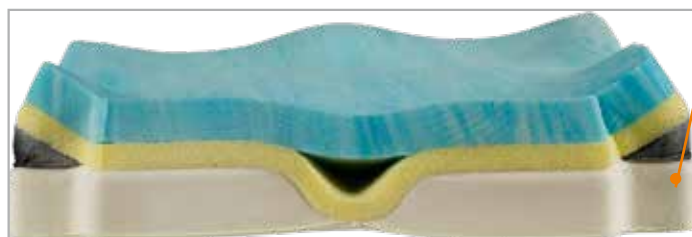
Innovative MemGel® effectively reduces heat and moisture by increasing air flow through the surface, whilst the gel absorbs the heat thereby enhancing user comfort and function.



// Innovative Dual Cover Technology:

The water-resistant dartex **inner cover** with aqua guard zipper and anti-wicking thread protects the base foam from water ingress. It is easy to clean, enhances durability and meets infection control requirements.

The microclimatic **outer cover** features 3DX and spacer fabrics to improve breathability and reduce moisture build up and skin breakdown. Conventional mid range visco cushions struggle to effectively reduce heat build up when sat for longer periods.



Reduced profile height

// Two Heights: Unlike conventional mid range cushions, the UNION is available in two heights, standard and reduced profile (1" lower) – making it ideal for manual or power chair users.

MEETS THE NEEDS OF A WIDE RANGE OF USERS

For optimised immersion for each individual, the JAY Seat Well size and firmness of the foam are automatically determined by cushion width and correspond directly with user weight. The result is a simple to order cushion that effectively meets the needs of smaller, lighter users through to larger, heavier users.

TECHNICAL DATA

ION	
Width Range	340 to 600 mm
Depth Range	380 to 600 mm
Product Weight	1.6 kg (460 x460 mm)
Height	100 mm
Weight Capacity	136 kg (21 stone) - up to 500 mm width 227 kg (35 stone) - from 520 mm width
Base	Multi-layered foam base with optimised densities by width and supersoft memory foam top layer
Insert	N/A
Inner Cover	Dartex® coated Lycra® with Aqua-Guard zipper and anti wicking thread
Outer Cover	Microclimatic with 3DX® spacer fabric

UNION	
Width Range	360 to 600 mm
Depth Range	360 to 600 mm
Product Weight	2.3 kg (460 x 460 mm)
Height	110 mm 90 mm
Weight Capacity	136 kg (21 stone) - up to 500 mm width 227 kg (35 stone) - from 520 mm width
Base	Pre-contoured, high-resiliency foam with additional lateral pelvic support and supersoft MemGel® memory foam top layer
Insert	JAY Flow™ fluid tripad
Inner Cover	Dartex® coated Lycra® with Aqua-Guard zipper and anti wicking thread
Outer Cover	Microclimatic with 3DX® spacer fabric



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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.SunriseMedical.co.uk

