JAY®

Superior Clinical Seating.

Jay Cushions and Backs

"Jay cushions and backs are a reliable support for my patients.

The various range of Jay products is an important help for me to find the appropriate product fitting the patients individual needs."

Stephanie, physical therapist

Superior Clinical Seating

Compromises in clinical use are not acceptable.

Effectiveness and ease of use are the top priorities.

For this reason, Jay develops products which address the challenges whilst maintaining clinical efficacy.

Every single aspect is thought through, down to the last detail. A portfolio offering solutions that span the continuum of clinical need.

The result is a technological masterpiece:
“Jay” combining stability, effective postural and pressure management, easy handling and comfort to the highest degree.

Comfort	Skin Protection	Skin Protection & Positioning
Basic 	Xtreme 	J3 
Soft Combi P 	Easy Fluid 	J2 
Easy Visco 	Active 	GS 

Jay Cushion Range

JAY Cushion and Back Range

Comfort Range

Skin Protection Range

Skin Protection & Positioning

Backs

Clinical Performance Factors

The science and clinical application of mobility seating can be broken down into the following factors:

Skin Integrity (Pressure Redirection)

How seating can redirect the client's weight to reduce peak pressures in critical zones and reduce the risk of skin breakdown

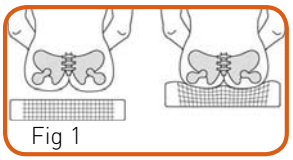


Fig 1

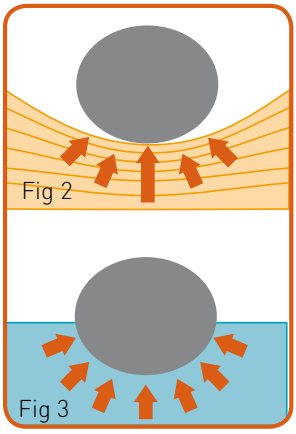


Fig 2

Fig 3

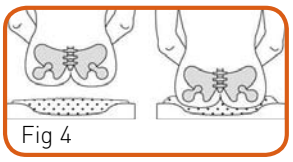


Fig 4

Skin integrity is optimised by spreading the mass of the client
- over as wide a surface area as possible
- away from bony prominences to areas that can take load
- by reducing peak pressures in pressure sensitive areas

Solid materials; including foams, viscos and gels
- conform to the shape of the client to a varying degree dependant on the type of material (Fig 1 and 2)
- can provide some pressure reduction, BUT as solids there is always a material counterforce
- high compression creates counter-intuitive reactive pressure in the critical areas
- have limited ability to redistribute pressure from pressure sensitive areas

Liquids and gases (non-Newtonian)
- differ from solids as they displace, conforming completely to the form of the client without any counterforce working against the client (e.g. floating in a pool. (Fig 3)
- spread pressure evenly across entire body surface in contact (Fig 4)

Surface tension
All materials come in a container (cover, sac, foam surface)

Foams, gels, liquids, gases, can only displace and conform to the client's contours when the surface materials are equally flexible and compliant. Water tightly filled into a flexible rubber ball will only displace as the rubber will flex.

To avoid surface materials restricting compression and displacement, it is essential that they are much larger than the compressing/displacing materials held within.

Bottoming out
All benefits of the best displacement/ compression materials and the loose covers will be lost if the ischial tuberosities prominences actually pass through into the harder materials underneath!
Clinicians must either ensure the pressure redirection materials allow enough immersion to not hit the bottom or that the cushion structure is designed to suspend and immerse the ITs.

Select the most suitable seating material based upon the skin assessment

- gases and liquids where the client is at moderate to higher risk
- foam, viscos and gels in lower to moderate risk cases for budgetary and weight benefits

Displacement of fluid/air under the bony prominences alone is not sufficient to preserve skin integrity. Cushion design must also provide stability and positioning of the pelvis and femurs. This minimizes the risk of "bottoming out".

Humidity and Heat Reduction

Certain clients are more at risk of skin breakdown than others. Excellent pressure redirection requires a uniform 'immersion' of the client's surface, and as a result humidity may be created.

The impact of humidity can be reduced but not avoided by 'wicking' cover materials, and careful attention needs to be paid to 'long term' clients sitting in warm, humid conditions.

- Foams and gels are heat insulators and do not dissipate heat well
- Foams and gels have low thermal mass (seem warmer and can hold heat)
- Liquids and gases conduct and dissipate heat to a certain degree
- Jay Fluid has medium thermal mass
- Air cushions have low thermal mass (seem colder and dissipate heat more effectively)

Rubber and neoprene covers prevent the dissipation of humidity. The key issue is cushion design and the materials surrounding the cushion:

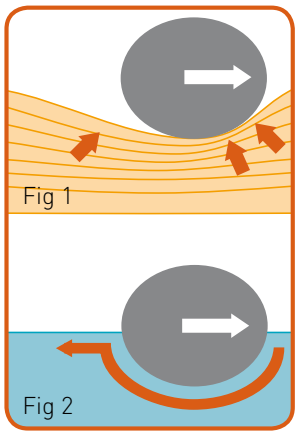
- wicking covers help
- clothing is critical; e.g. cotton is bad for moisture retention

Clothing and incontinence have a higher impact on humidity than the cushion's materials themselves.

Weight shifting is critical to heat dissipation as well as to pressure redistribution. Active users usually weight shift to dissipate heat as well as pressure. Passive users can not dissipate their heat by weight shifting.

Shear Reduction

Shear and frictional forces are critical elements in client safety. Clients with a high risk of tissue breakdown may receive good or adequate pressure reduction yet can experience significant friction and shear forces when transferring or sliding forward due to poor positioning.



Foams, viscos and gels are compressible solids which do not displace (fig 1). This creates a "counteractive" response to the client's horizontal movements which may result in friction and shear in pressure sensitive tissues.

Gases and liquids displace (Fig 2) and offer a minimal lateral shear force, which is beneficial at critical points.

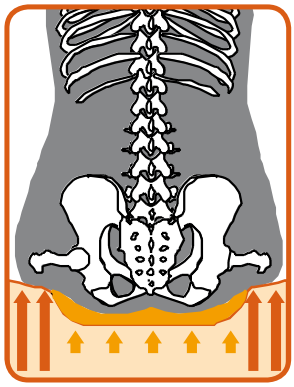
As in pressure redistribution, shear and friction can be partially mitigated but is also dependant on the surface tension of the materials. Tight covers and fluid sacs create surface tension of their own!

The perfect seating that offers very low shear would be easy to slide off and poor for stability and positioning if it was the only structure used within the cushion.

The key is to minimise shear in the critical client zones, whilst utilising less sensitive areas to receive the diverted pressure and provide the client with stability and postural support.

Stability

A cushion can only function effectively if the client is 'stable' in the specified position for his/her activities and pressure can be effectively redistributed. The key is to stabilise the pelvis:



Anterior/Posterior Stability: by ensuring that the pelvic loading area (well) has adequate depth to allow immersion of the ischial tuberosities with the trochanters/ femurs supported and the presence of the anterior shelf, the pelvis is stabilized in optimal AP alignment.

A solid back rest to provide posterior pelvic support is highly recommended to facilitate this alignment and minimize posterior pelvic tilt.

Lateral Stability: simple visco, gel, fluid or air cushions may provide initial pressure reduction, but will not function effectively if it cannot provide stability.

Whilst a 'well' (pelvic loading area) can be deep for the Ischial Tuberosities, the trochanters should be well supported to reduce lateral tilt resulting in pelvic obliquity. Not only does this improve client activity and posture, but it also reduces the likelihood of increased pressure on one Ischial creating the risk of bottoming out.

Cushions made for pressure reduction should also provide a firmer surrounding structure to stabilise the client when stability is a desired outcome.

Clinical Performance Factors

Positioning

Stability and positioning are very similar concepts. This may involve a combination of increasing or customising contours of the cushion itself (contouring for pelvis, trochanters and thighs), the positioning of the wheelchair seating platform and the choice and application of the backrest system.

Positioning becomes critical where clients have postural deformity. These clients may require a 'custom configuration' of fluid pads, additional stability supports and/or 'cut outs'.

Positioning cushions have much firmer bases than 'comfort products' to ensure that they carve correctly and that additional positioning elements are held firmly in place.

Approximately 30 % of all clients will need specialist positioning, and it is here that clinicians use their specialist skills with positioning cushions and modular accessories (e.g. Jay J3 or J2).

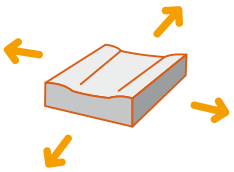
Seating Tolerance

Comfort is subjective, but seating tolerance can be considered to be an objective measure. It is essential to assess this in relation to the time the client expects to spend in the chair. Short term users may only be interested in the initial comfort, but it is essential that longer term users assess cushion comfort over a period of several hours.

Clients need to balance their comfort perceptions with their stability, pressure redirection, physical and positioning requirements. Clearly a very soft cushion may provide excellent comfort, but will not provide stability and may be too high to provide suitable seat to floor height.

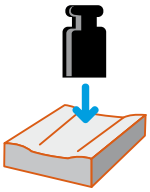
Positioning cushions may not be as 'comfortable' as a product that does not offer positioning. To maximise seating tolerance it is necessary to optimise pressure redistribution and shear reduction, maximise stability and positioning but also take into account comfort.

Functional Seating Characteristics



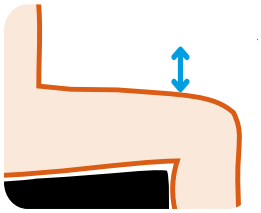
Size Range

We offer lots of sizes, please see individual cushion for available sizes.



Client Weight

A client with a weight higher than the maximum user weight stated on the cushion runs the risk of bottoming out. Pay attention to the larger sizes of a cushion range where a client could exceed specified limits.

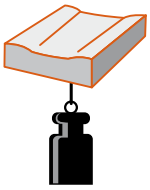


Seat to Floor Height

Seat to floor height of the client on the cushion in their chair is important to ensure the clients can assess their environment. Active users often request low seat to floor height and low cushion weight, but need to retain pressure reduction and stability. Specialist active cushions exist (e.g. Jay Active, Jay Easy Fluid). Cushions offering protection for high risk clients via deeper immersion e.g. the J2 Deep Contour or J3 Deep Contour also comes with optional drop seats to address seat to floor height.

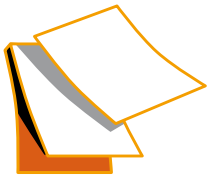
Cushion Weight

Relevant to active users for ease of vehicle transfers and for wheelchair propulsion.



Cushion Longevity

- Cushions are supplied with a fixed period of guarantee, for example 12 months to five years.
- Cushions made from a moulded open cell foam are softer and more comfortable for the user but also provide increased durability than non moulded open cell foam cushions.



Measuring the Jay Cushions

Measuring Jay cushions for the wheelchair is done in the following ways;

Fig A: Basic, Soft Combi P, J2, J2 DC, GS
Fig B: Easy Visco, Easy Fluid, Active, Xtreme, Jay Lite, J3, J3 DC

Please note, the cushions' dimensions are measured with the cover.

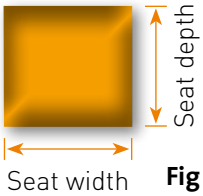


Fig A

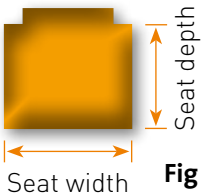


Fig B

COMFORT

Basic

Long life comfort

Product Features:

- Durable moulded foam contoured for mild lateral and posterior stability
- Bevelled base for use with seat sling
- Incontinence cover

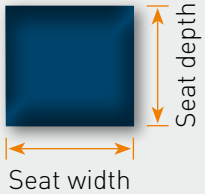
Clinical Application:

- Client requires comfort with minimal postural support
- Low risk of skin breakdown or shear, intact skin integrity
- Independent weight shifts
- Intermittent wheelchair user

Depth	Width											
cm	25	30	35	38	40	42	44	46	48	50	56	60
25	■	■										
30	■	■	■									
35		■	■									
40			■	■	■	■	■					
42				■	■	■	■	■	■	■		
44				■	■	■	■	■	■			
46			■		■	■	■	■	■	■	■	■
50								■	■	■	■	■
56											■	■
60												■

Height (in cm)		Maximum Height
Front	Rear	
4,8	4,7	6,3

weight cushion 40x40	0,7 kg
max. user weight	113 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

Soft Combi P

Comfort and Positioning

Product Features:

- Premoulded incontinence resistant coated foam base
- Deeper leg trough and medial thigh and trocantic support
- Easy-clean sealed foam with black incontinence cover
- Flat base
- Option of solid seat insert for sling seat use

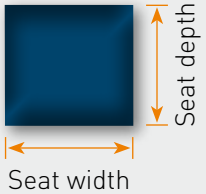
Clinical Application:

- Designed for clients with symmetrical posture needing minimum to moderate postural support
- Provides moderate lateral stability as well as moderate forward/rearward stability
- Low risk of skin breakdown
- Independent weight shifts

Depth	Width											
cm	25	30	35	38	40	42	44	46	48	50	56	60
25	■	■										
30	■	■	■									
35		■	■									
40			■	■	■	■	■					
42				■	■	■	■	■	■	■		
44				■	■	■	■	■	■			
46			■		■	■	■	■	■	■	■	■
50								■	■	■	■	■
56											■	■
60												■

Height (in cm)		Maximum Height
Front	Rear	
5,9	4,4	7,7

weight cushion 40x40cm	0.8 kg
max. user weight	150 kg
Guarantee	5 years



These sizes are available, please see your order form for modifications or special sizes.

COMFORT

Easy Visco

High level comfort and positioning with mild pressure redistribution

Product Features:

- Lightweight precontoured foam with medial/lateral thigh support
- Visco-elastic foam in the seat well to allow immersion of the Ischial Tuberosities and load distribution to the femurs
- Sacral and seat rail notches
- Curved or flat base for use with sling or solid seat
- Incontinence cover as standard
- Solid seat (as option)

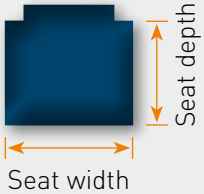
Clinical Application:

- Client with symmetric or mild asymmetric posture and moderate postural support requirements
- Provides moderate lateral stability as well as moderate forward/rearward stability
- Clients with low to moderate risk of skin breakdown and low shear risk
- Independent weight shifts

Depth	Width											
cm	25	30	35	38	40	42	44	46	48	50	56	60
25	■	■										
30	■	■	■									
35		■	■									
40			■	■	■	■	■					
42				■	■	■	■	■	■	■		
44				■	■	■	■	■	■			
46			■		■	■	■	■	■	■	■	■
50								■	■	■	■	■
56											■	■
60												■

Height (in cm)		Maximum Height
Front	Rear	
6,3	6	8,8

weight cushion 40x40	1,06 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

Easy Fluid

Skin integrity with stability

Product Features:

- Lightweight precontoured foam base with sacral and seat rail notches
- The built-in medial and lateral thigh support promotes optimal thigh positioning
- Choice of curved or flat base for use with sling or solid base
- Incontinence cover as standard
- Solid seat (as option)

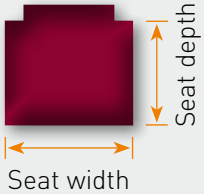
Clinical Application:

- Client with symmetrical and mild asymmetrical posture and moderate postural support requirements
- Provides moderate lateral stability as well as moderate forward/rearward stability
- Moderate risk of skin breakdown and shear
- Independent weight shift

Depth	Width											
cm	25	30	35	38	40	42	44	46	48	50	56	60
25	■	■										
30	■	■	■									
35		■	■									
40			■	■	■	■	■					
42				■	■	■	■	■	■	■		
44				■	■	■	■	■	■			
46			■		■	■	■	■	■	■	■	■
50								■	■	■	■	■
56											■	■
60												■

Height (in cm)		Maximum Height
Front	Rear	
6,3	6	8,8

weight cushion 40x40cm	1,6 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

Xtreme

Skin integrity with stability and mild positioning

Product Features:

- Extremely lightweight precontoured "slim" foam base
- Adductor pads (removable) for femoral positioning placed inside cover
- Jay Fluid Tripad to maximise skin integrity protection and reduce shear on an active user
- Air exchange cover and inner cover are standard, incontinence cover is optional

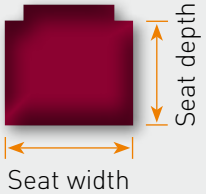
Clinical Application:

- Active clients requiring moderate to high level pressure redistribution with low seat to floor height
- Symmetrical client requiring mild lateral and moderate forward stability
- Active client requiring shear protection
- Independent weight shift

Depth	Width					
cm	36	38	41	43	46	51
38		■				
41	■	■	■	■	■	
43			■	■		
46			■		■	
51			■		■	■

Height (in cm)		Maximum Height
Front	Rear	
7,5	6,5	9

weight cushion 41x41cm	1,69 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

Active

Low profile pressure and shear protection

Product Features:

- Slim, lightweight slightly contoured foam base for low seat to floor height
- Jay fluid bipad with increased volumes to optimise pressure redistribution and shear reduction
- Air exchange cover and inner cover are standard, incontinence cover is optional

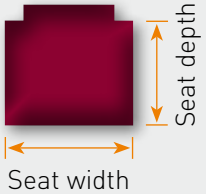
Clinical Application:

- Active client with moderate to high risk of skin breakdown and shear
- Moderate to high skin protection and client does not want to go to a heavier, high profile cushion
- Symmetrical or mildly assymetrical posture requiring minimal support
- Client able to perform an independent weight shift

Depth	Width			
cm	36	41	46	51
41				
46				
51				

Height (in cm)		Maximum Height
Front	Rear	
8	7,5	10

weight cushion 41x41cm.	1,91 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

Lite

Specifically designed for the active client seeking minimal weight

Product Features:

- Firm, extremely lightweight, breathable, airflow layered foam base with ischial cut outs
- Excellent lateral and forward/rearward stability achieved via combination of Optiwell™ technology and firmness layering in base – "the pelvis fits the well"
- Optiwell technology, ischial cut-outs and scooped foam in pelvic loading area (PLA) effectively redistribute pressure away from the 'at risk' bony prominences
- Microclimatic cover with 3DX™ spacer fabric for heat and moisture dissipation

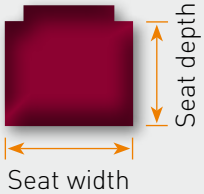
Clinical Application:

- Symmetrival client requires comfort with minimal weight but mild/moderate postural support
- Mild to moderate lateral and forward/rearward stability needs
- Moderate risk of skin breakdown
- Able to perform independent weight shifts
- Requires heat and moisture dissipation

Depth	Width									
cm	35	38	40	42	44	46	48	50	56	60
35	■									
38		■	■	■	■					
40	■	■	■	■	■	■	■	■		
42		■	■	■	■	■	■			
44		■	■	■	■	■	■			
46	■	■	■	■	■	■	■	■	■	■
50			■			■	■	■	■	■
56									■	■
60										■

Height (in cm)		Maximum Height
Front	Rear	
8	8	9,5

weight cushion 40x40cm	0,7 kg
max. user weight	113 kg
Guarantee	2 years



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Care

Designed specifically to address the needs of the elderly client

Product Features:

- Contoured shape for symmetrical positioning and both forward/rearward and lateral stability
- "Fluid Tripad" incorporates three sections to ensure fluid remains under ischials with Jay Flow also protecting thighs and acting as incontinence resistant casing
- Longer seat well to accommodate sacral sitter
- Bevelled base for use with sling seat, impermeable and non-skid bottom
- Washable stretch cover
- One piece sealed system (except cover) so is easy to clean and re-apply to new clients

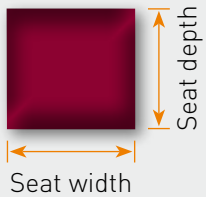
Clinical Application:

- Sacral sitter with symmetrical posture requiring moderate postural support
- Moderate risk of skin breakdown
- Can perform an independent weight shift

Depth	Width		
cm	40	45	50
40			
45			
50			

Height (in cm)		Maximum Height
Front	Rear	
10,1	10,1	10,5

weight cushion 41x43cm	2,3 kg
max. user weight	113 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

J3 Standard and Deep Contour Cushion

Designed for the client with complex needs

Features:

- Precontoured, carvable, closed cell foam base with Optiwell™ technology i.e. anthropometrically designed pelvic loading area (PLA)
- Two depths versions
- Optiwell Technology
- The choice of Fluid or Air PLA inserts
- Microclimatic or incontinence cover options. Comfort layer is integral to cover
- Modification possibilities

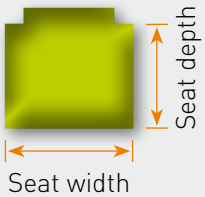
Clinical Application:

- Client at high (std. cushion) to extreme (deep contour cushion) risk of skin breakdown with or without aggressive postural needs
- Symmetrical to significant postural needs requiring laterally, forward/rearward stability and/or positioning
- May be unable to reposition or perform an independent weight shift

cm	30	35	38	40	42	44	46	48	50	56	60
30	■	■									
35	■	■									
38		■	■	■	■	■					
40		■	■	■	■	■					
42			■	■	■	■	■	■	■		
44			■	■	■	■	■	■			
46		■		■	■	■	■	■	■	■	■
48					■	■	■	■	■	■	■
50						■	■	■	■	■	■
56										■	■
60										■	■

Max. Height (standard)	9,5 cm
Max. Height (Deep)	10,8 cm

weight cushion 40x40cm	1,9 kg
max. user weight	150 kg (width 30-50cm) 227 kg (width 56-60cm)
Guarantee	2 years

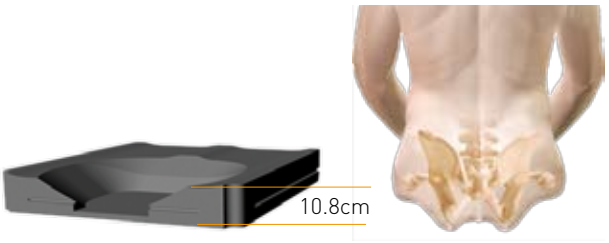


These sizes are available, please see your order form for modifications or special sizes.

1.) Two Depths Versions

Standard: High skin risk client

Deep: Highest level of skin risk – requires maximimum immersion due to significant muscle atrophy



2.) JAY Optiwell™ Technology

The J3 Cushion base features an Optiwell™ Pelvic Loading Area (PLA) design which is appropriately sized to accommodate most users bony dimensions, while allowing for variations in soft tissue.

This provides optimal immersion of the IT's and also stability. The PLA is independent of the cushion's width.

Experience has shown that the PLA size that is standard on the cushion is appropriate for the majority of users.

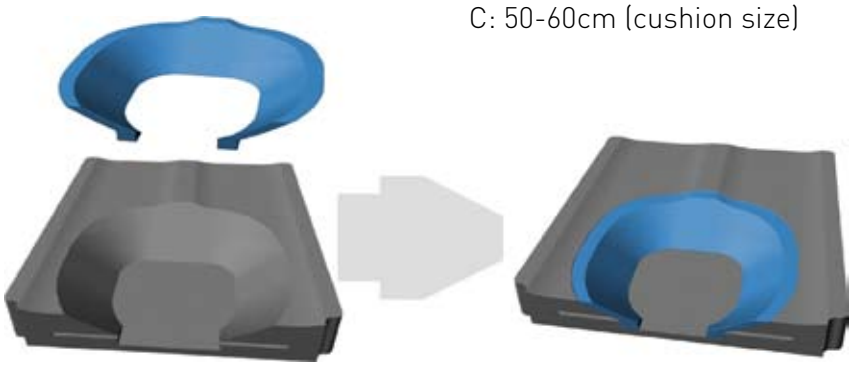
If clinically required the PLA sizing can be reduced via a PLA reducer ring, e.g. to optimise immersion, lateral stability and prevent bottoming out.

The PLA is available in 3 sizes:

A: 30-38cm (cushion size)

B: 40-48cm (cushion size)

C: 50-60cm (cushion size)



J3 Standard and Deep Contour Cushion

Designed for the client with complex needs

3) The Choice of Fluid or Air technology is possible

The inserts are always sized to match the PLA size

Fluid Inserts:

Factory Filled (FF) PLA insert

The Factory Filled (FF) PLA is the standard option, not field adjustable.

FF can be overfilled, underfilled or asymmetrically filled in the factory if required.

Field Variable (FV) PLA insert

The Field Variable (FV) PLA insert is unique in its ability to optimise in field fluid volume levels; help correct or accommodate pelvic deformities using velcro on supplemental fluid pads. FV PLA insert comes with two pads and additional pads can be ordered. (Max. four pads and four sizes).

S M L XL

Roho® Air Inserts:

Air Single Valve (AS) PLA insert

Opportunity for infield adjustments to optimize air levels for the stable, symmetrical pelvis.

Air Dual Valve (AD) PLA insert

Opportunity for infield adjustments to optimise air levels separately in each chamber e.g. correct/ accommodate pelvic obliquity. Accommodate changing needs.

Fluid or Air?

Jay Flow Fluid Technology:
The optimal choice when ease of use and minimal maintenance is priority.

ROHO DRY FLOATATION Technology:
The optimal choice when easy or ongoing adjustment is required or a lighter weight solution is desired.

4) Cover Options

J3 offers two covers, the microclimatic and the incontinence cover.

Reticulated foam comfort layer within cover results in increased sitting tolerance. Comfort is critically important as discomfort can result in pain, fatigue, increased tone and equipment abandonment. The cover is oversized to reduce the surface tension and therefore allowing optimal immersion of the pelvis into the insert. As it's machine washable, cleaning is easy.

Microclimatic cover:

The 3DX™ spacer fabric helps dissipate heat and moisture away from the body – vitally important as heat and moisture build-up are known risk factors for skin breakdown.

Incontinence cover:

If ongoing incontinence is an issue an optional incontinence cover is available.

J2

Stability and positioning with skin integrity protection

Product Features:

- Firm base, anatomical well, femoral loading
- Carveable base for build-ups, cut outs and customisation
- Jay Fluid Tripad for ischial immersion and envelopment
- Wide range of and postual support accessories
- Air exchange cover as standard, incontinence resistant cover and solid seat are options

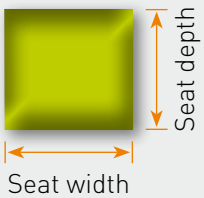
Clinical Application:

- Client with high risk of skin breakdown and shear
- Designed for the client with symmetrical posture to aggressive postural needs that change over time
- Clients unable to weight shift; limited postural stability and unable to reposition

Depth	width					
cm	36	39	43	46	51	61
41						
43						
46						
51						

Height (in cm)		Maximum Height
Front	Rear	
8	8	9

weight cushion 39x41cm	2 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

J2 Deep Contour

Stability and positioning with extreme skin risk

Features:

- Firm base; anatomically correct well
- Carveable base for build-ups, cut outs and customisation
- Jay Deep Fluid Tripad with soft foam overlay
- Wide range of postural support accessories
- Air exchange cover as standard, incontinence resistant cover and solid seat inserts are options

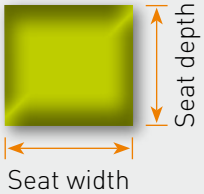
Clinical Application:

- Designed for the client with extreme long term risk of skin breakdown and symmetrical to aggressive postural needs
- Unable to weight shift or reposition

Depth	Width							
cm	36	38	41	43	46	51	56	61
36	■							
38		■		■				
41	■		■		■	■	■	
43		■		■				
46			■		■	■	■	■
51			■		■			

Height (in cm)		Maximum Height
Front	Rear	
10	10	11

weight cushion 41x41cm.	2,4 kg
max. user weight	150 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

SKIN PROTECTION & GROWTH

GS

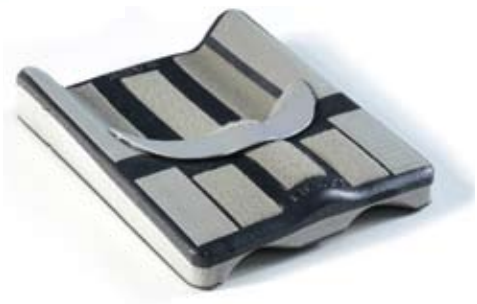
Designed for the paediatric client with moderate to aggressive asymmetric posture and high postural support requirements

Features:

- Lightweight foam base with growth capability via well inserts and a wide range of postural support. Contracutre cuts to accommodate tight harmstrings
- Jay Flow fluid pad
- For added skin protection there is a pressure relief pad with more fluid
- Incontinence resistant cover as standard (air exchange cover as option)

Clinical Application:

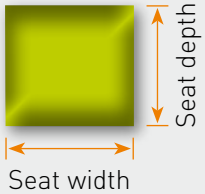
- Designed for the client with symmetrical and asymmetrical posture to aggressive postural needs that change over time
- Clients unable to weight shift; limited postural stability and unable to reposition
- Designed to grow with the child



Depth	Width				
cm	25	31	36	41	46
33					
38					
43					
48					
51					

Height (in cm)		Maximum Height
Front	Rear	
8	7,5	9

weight cushion 25x33cm.	0,6 kg
max. user weight	113 kg
Guarantee	2 years



These sizes are available, please see your order form for modifications or special sizes.

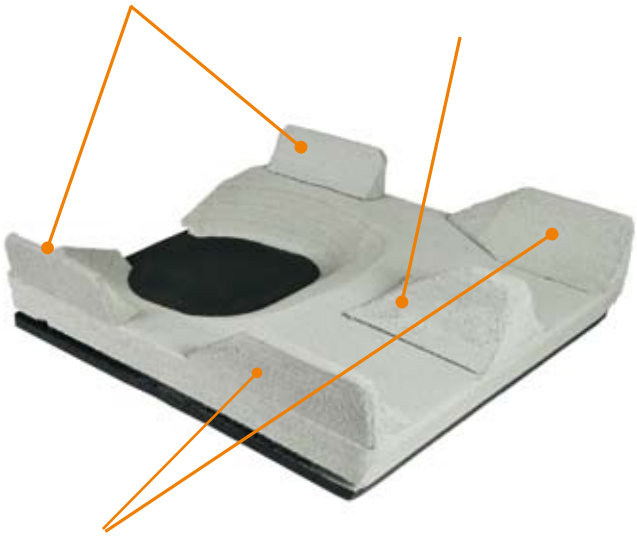
J2, J2 Deep Contour, GS and J3 modifications

All cushions can be modified, and offer excellent positioning possibilities. We offer a variety of positioning components, from single accessories to complete kits, including:

- Lateral thigh supports
- Medial thigh supports
- Lateral pelvic supports
- Pelvic obliquity wedges
- Solid seat

Lateral pelvic supports

Medial thigh support



Lateral thigh supports

J2 and J2 DC accessories

Cutting and/or carving the base will not damage the structural integrity of the closed cell foam base.

A one-time, free replacement base will be supplied if a mistake is made during carving the base.


JAY J3

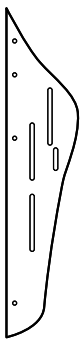
J3 Backs

The Jay team spent over five years testing, designing and refining solutions to address feedback, concerns and requests from our customers:

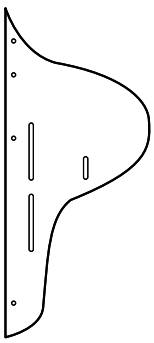
The anthrophometrically designed J3 supplies multiple solutions with one product:

- four contour depths (lateral support)
- four levels of support
- three back support heights within each level of support
- very versatile spine-align package
- ease of use JAY mount hardware

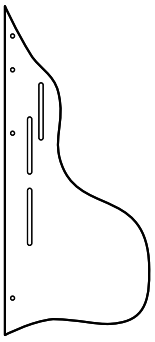
Shallow Contour (SC)



Mid Contour (MC)



Deep Contour (DC)



Posterior Deep Contour (PDC)

J3 Backs

Four Contour Depths

Shallow contour

Mid contour

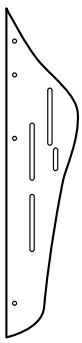
(Lateral supports and headrests available)

Deep contour

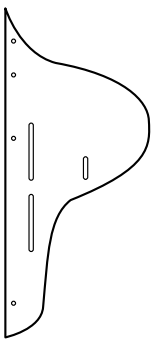
Posterior deep contour

Side View of Upper Thoracic Shell Types

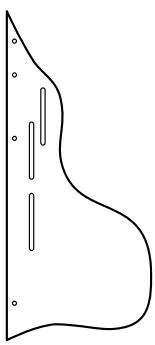
Shallow Contour
(SC)



Mid Contour
(MC)



Deep Contour
(DC)

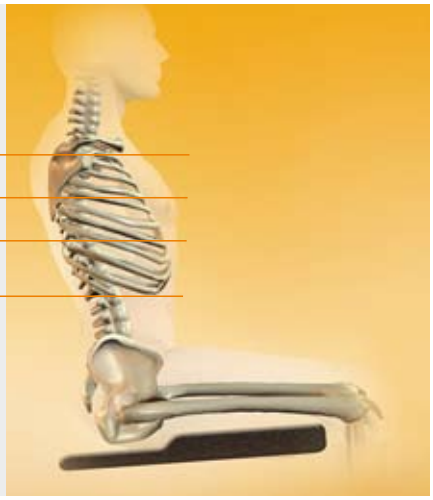


Posterior
Deep Contour
(PDC)

J3 Backs

Four Levels of Support

Shoulder Height	(SH)	53-61 cm
Upper Thoracic Height	(UT)	42-50 cm
Mid Thoracic Height	(MT)	30-38 cm
Lower Thoracic Height	(LT)	17-24 cm



Three Back Support Heights

Two individuals may both require support at the same location on the spine; however, due to differences in height, they still require different height backs. This is why each support is available in three different individual heights.

Short (S)

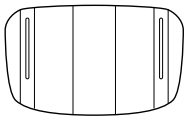
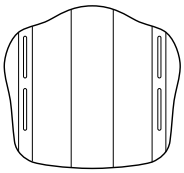
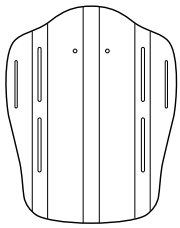
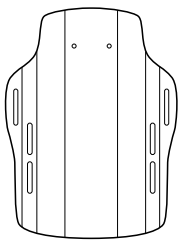
Medium (M)

Tall (T)

BACKS

J3 Backs

The contour depths and back heights are available in the following combinations

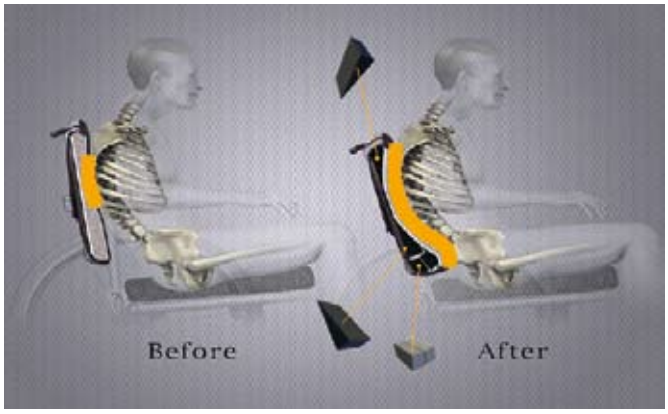
	Shallow Contour (SC)	Mid Contour (MC)	Deep Contour (DC)	Posterior Deep Contour (PDC)
 Lower thoracic (LT)	■			■
 Mid thoracic (MT)	Headrests available for SC and MC ■	■		■
 Upper thoracic (UT)	Laterals, headrest and harnesses available for SC, MC, DC and PDC ■	■	■	■
 Shoulder height (SH)	Laterals, headrest and harnesses available for SC, MC, DC and PDC ■	■	■	■
Widths available	31, 36, 41, 46 and 51cm	31, 36, 41, 46 and 51cm	36, 41, 46 and 51cm	36, 41, 46 and 51cm

J3 Backs

Very versatile spine-align package

Spine-align Kit

- Shaping components to optimise postural stability and provide correction/ accommodation of mild to moderate postural deformity
- Loading area can be maximised for skin integrity preservation
- Create reliefs
- Improve comfort and sitting tolerance



Different kits available with 7, 12 or 36 pcs.

J3 Backs

Ease of use – Jay Mount hardware

The Jay Mount hardware is easy to fit, easy to remove, compact in size and packed with adjustments You can even adjust the back with the client in the chair!

- 2-point and 4-point attachment to mount around towel bars and armrests receivers
- Multi-tubing compatibility
- Accommodate individually to the client's need
- No seat depth loss at up to 22° backrest angle
- Easy to use for clients or care givers

Multiple hardware mounting locations that do not alter the required backrest position

Frequently obstructions such as towel bars and armrest receivers force clinicians, dealers and technicians to make compromises. The unique 2-point attachment occupies as little space as possible and mounts without affecting the user's fit.

4-point attachment:

- Heavy duty hardware to provide added stability for the client with high tone or excessive movement
- Available on Upper Thoracic and Shoulder Height
- Same angle and depth adjustability
- Available as a retro-fit kit

J3 Backs

Multiple Tube Compatibility

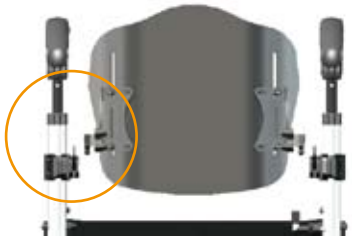
- Revolutionary hinged clamp design that is compatible with most wheelchairs on the market
- Compatible with 2.22cm (7/8") – 3.18cm (1 ¼") tubing
- Even mounts to non-traditional tubing such as double "D" tubing

2,8 cm | 2,5 cm | 1,9 cm

To accommodate individuals who are wider in the hips than the trunk using no additional hardware

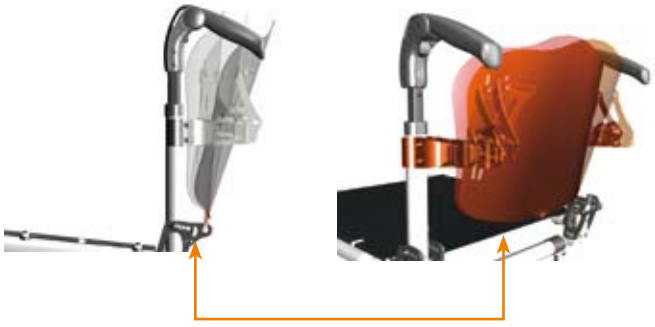
The J3 back has 5cm of width adjustment, allowing a smaller back to be used.

For example, a 46cm wide chair can now easily accommodate a 41cm wide back, which prevents costly re-orders.



To provide up to 22° of backrest angle adjustability, without reducing seat depth

Jay Mount hardware was designed to minimise loss of seat depth. This is a critical feature for users with postural deformities who may require more extreme angles; Jay Mount hardware prevents compromising their position in the chair. Depth adjustability of 5cm or 8.2cm (with extended hardware) is also available independent of angle adjustability.



Lower seat depth remains constant

Easy to use

With Jay Mount hardware the J3 back can be easily removed and attached with a minimal amount of force and limited dexterity. This empowers clients to perform these functions independently. The automatic locking mechanism ensures that the back is securely re-attached first time.

J3 Backs

Options and Accessories

Headrests

Standard headrest: occipital/ suboccipital support

Contour headrest: added lateral support

Jay mounting bracket

Universal mounting bracket

Lateral Supports

Lateral support - fixed or swing-away
Available in 6 sizes - 10x10cm, 10x12cm, 10x15cm, 15x10cm, 15x12cm and 15x15cm

Chest straps and harnesses
available in 4 sizes (S, M, L and XL)

CRASH TESTED

All J3 backs that can accommodate headrests have been tested and approved for transit against relevant ISO standards.


JAY J3

STEPS™
Sunrise Training & Education Programs

Knowledge for the future

Our STEPS workshops provide greater knowledge, better product awareness, and more understanding for individual requirements to employees in medical and rehabilitation centres, as well as clinic and hospital personnel.

Sunrise Medical provides a full STEPS clinical, product and technical training programme open to clinical and commercial customers. The modules include;

- Seating and positioning
- Powered wheelchair mobility
- Manual wheelchair mobility
- Paediatric wheelchair mobilty

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PB_GB_JAYCB_MARCH2012_REV1