

JAY J3™

The JAY® J3™ backrest product line offers a multitude of width, height, and contour depth back shells to fit the back to the user. Each back is lightweight and adjustable, with numerous hardware choices allowing for easy installation.



Jay J3 Carbon Back

Technical Specifications	
Width Range	12" to 26"
Height	6.5", 8", 9.5" (Lower Thoracic) 12", 13.5", 15" (Mid Thoracic) 16.5", 18", 19.5" (Upper Thoracic) 21", 22.5", 24" (Shoulder Height)
Weight Cap.	136kgs (12" to 20" width) 227kgs (22" to 26" width)
Available Hardware Styles	SH, RH/RHF, TH, 4-Point
Angle Adjust.	+/- 20°
Width Adjust.	+2"
Fits Tubing Size	3/4" to 1 1/8"
Headrest Mount	Yes (select heights)
JAY Your Way Modifications Available	Yes

J3 Posterior (PA)

Accommodating Postural Asymmetries	3
Modular Design for Evolving Presentations	4
Lateral Stability	2

J3 Posterior Lateral (PL)

Accommodating Postural Asymmetries	4
Modular Design for Evolving Presentations	4
Lateral Stability	3

J3 Posterior Deep (PD) J3 Posterior Deep Lateral (PDL) J3 Posterior Deep Contour (PDC)

Accommodating Postural Asymmetries	4
Modular Design for Evolving Presentations	5
Lateral Stability	5

Common Client Characteristics

- May require maximum posterior pelvic stability
- May require mild to maximum lateral stability
- May require moderate spinus process protection
- May require an open back angle to encourage trunk extension and visual orientation
- May require quick and easy removal of back shell from wheelchair
- May require mounting surface for head support
- May require additional positioning components (Spine Align)

Component	Feature	Design Intent	Clinical Value
SHELL	Five contour designs. Options include Posterior (PA), Posterior Lateral (PL), Posterior Deep (PD), Posterior Deep Lateral (PDL) and Posterior Deep Contour (PDC).	Provide posterior pelvic and lateral thoracic stability	Promotes proper postural positioning and helps prevent development of asymmetrical postures while encouraging a greater level of independence
	Up to 4 support heights and shapes dependent on contour shell selected. Options include lower thoracic, mid thoracic, upper thoracic or shoulder height.	Offers appropriate trunk support for a wide range of user torso heights and levels of injury	Promotes proper level of support based on client's functional needs and necessary trunk stability
	Optional Heavy Duty shell with 227kgs weight capacity	Provides posterior pelvic and lateral thoracic stability	Promotes proper postural positioning and helps prevent development of asymmetrical postures while encouraging a greater level of independence
	Carbon Fiber shell	Provides a lighter weight option to complement ultra lightweight wheelchairs	Reduces overall weight of mobility system for increased propulsion efficiency
FOAM	1.5" thick, soft foam insert	Enhances comfort and distributes pressure	Increases sitting tolerance and reduces risk of skin breakdown
HARDWARE	4 Hardware options. RH-2-point option, optimized for use with ultra lightweight wheelchair. SH-standard 2-point option. TH-2-point option, optimized for the use with tilt-in-space wheelchairs. 4-Point-4-point, heavy duty	Offer angle and width adjustability for a wide range of chair configurations and user needs	Increase visual orientation, and improve digestion and respiratory function
INNER COVER	Optional moisture-resistant inner cover	Protects foam from moisture build-up and is easy to clean	Increases user comfort and sitting tolerance
OUTER COVER	Microclimatic with 3DX™ Spacer Fabric and Lycra® stretch outer layer (additional options available through JAY® Your Way)	Dissipates heat and moisture and provides a smooth sitting surface	Reduces risk of skin breakdown and increases user comfort and sitting tolerance
ACCESSORIES	Spine Align posture conforming inserts	Allow proper adjustment in the field to accommodate clients unique and changing needs	Contour to individual shape and maximize loading surface
	CradleU Adjustable Fixed Lateral (fixed and swing-away lateral supports also available)	Adjusts the contour of the back to provide lateral thoracic stability and positioning for clients presenting with postural deviations or asymmetries	Promotes proper postural positioning and helps prevent development of asymmetrical postures while encouraging a greater level of independence
	Whitmyer® head support options	Provide posterior and lateral support of the head and neck	Increase visual orientation and improve speech, digestion, and respiratory function



PDC
Shoulder
Height



PDL
Shoulder
Height



PD
Upper Thoracic
Height



PL
Upper Thoracic
Height



PA
Mid Thoracic
Height



PA
Lower Thoracic
Height

OPTIONS AND ACCESSORIES

Please see the product pages for detailed standard availability.

COVERS

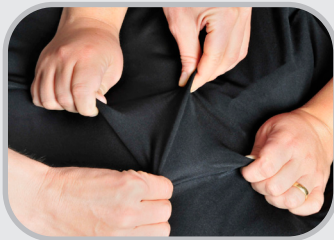
The following cover options are available on select products through the JAY Your Way modification program.

SEALED INNER COVER

- Designed to be used underneath outer JAY® cover
- Stretchable Lycra® reduces surface tension
- Polyurethane coating is easy to wipe off and clean
- Aquaguard zipper and anti-wicking seam thread prevent moisture from damaging the foam base

JAY STRETCH ZIPPER COVER

- Pleated, 4-way Stretch material reduces surface tension
- Zipper provides a secure fit and protection for the foam base



INCONTINENT RESISTANT SHOWER CAP OR ZIPPER COVER

- Semi-plastic coating can be wiped off and dried to prevent moisture build-up
- Semi-plastic coating prevents moisture from damaging the foam base
- Shower Cap edge makes cover easy to remove
- Zipper provides a secure fit and protection for the foam base



X-STATIC® COVER WITH BREATHABLE SPACER FABRIC

- Silver-impregnated material inhibits bacterial growth
- 4-Way stretch reduces surface tension
- Breathable Spacer Fabric promotes airflow



DARTEX® COVER WITH AQUAGUARD™ ZIPPER

- Cloth surface prevents sliding
- 4-Way Stretch reduces surface tension
- Dartex® coating and Aquaguard zipper prevent moisture from damaging the foam base



REVERSE DARTEX® COVER WITH AQUAGUARD ZIPPER

- Water-resistant Reverse Dartex® coating is easy to wipe off and clean
- 4-Way Stretch reduces surface tension
- Aquaguard zipper prevents moisture from damaging the foam base



ACCESSORIES

JAY LUMBAR SUPPORT

- Provides mild support of the lumbar spine
- Helps reduce lower back fatigue and increase sitting tolerance



JAY SOLID SEAT

- Improves posture by providing a firm, fully adjustable base of support
- Drop seat option
- Includes mounting hardware



JAY PROTECTOR

- Provides pressure reduction on a limited basis while the user is sitting or moving about away from the wheelchair
- Fluid-filled cushion helps reduce pressure while foam base assists in stable sitting



OPTIONS AND ACCESSORIES

Please see the product pages for detailed standard availability.

BACK HARDWARE

TWO-POINT/SH

- One attachment point on each back cane
- Simple and quick installation
- Angle height & depth adjustable
- Quick release



RH / RHF*

- One attachment point on each back cane
- Lightest hardware solution (quick-release)
- Angle height & depth adjustable
- Quick-release and fixed options available



TH*

- One attachment point on each back cane
- Angle height & depth adjustable
- Lengthened bracket and pin accommodate heavier users or clients with high tone
- Perfect complement for tilt-in-space wheelchairs



*Available exclusively on J3 Back.

FOUR-POINT

- Two attachment points on each back cane
- Withstands greater force and weight by distributing it across a wider area
- Provides rigid mount to wheelchair
- When combined with a Heavy Duty back shell, accommodates increased weight capacities
- Angle height & depth adjustable



STRAP

- One strap on each side
- Cloth straps click around back posts for easy installation
- Used with the wheelchair's back Upholstery



LATERAL SUPPORTS

FIXED

- Provides customized lateral thoracic support
- Width and height adjustable



SWING-AWAY

- Provides customized lateral thoracic support
- Width and height adjustable
- Swing-away hardware allows for easy transfers out of the wheelchair



ANGLE-ADJUSTABLE SWING-AWAY

- Provides customized lateral thoracic support
- Width and height adjustable
- Swing-away hardware allows for easy transfers out of the wheelchair
- Angle adjustability provides the most precise shape to match the user's posture



CRADLE U™

- Provides customized lateral thoracic support for clients with postural or spinal deviations
- Adjusts the existing contour of the JAY J3 back to match the client's unique shape
- Intuitive design attaches directly to the back shell beneath the foam
- Support plates adjust in angle to match the user's torso

