

Wheelchair Back Support Solutions Chart

	JUNIOR PAEDIATRIC	JAVA DECAF PAEDIATRIC BACK	JAVA BACK REGULAR	JAVA BACK TALL	JAVA BACK GRANDE	ICON LOW BACK	ICON MID BACK	ICON TALL BACK	ICON DEEP BACK
DESCRIPTION	Designed for active kids. Easy to adjust mounting hardware. Adjustable air and foam cushioned cover, and breathable outer.	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.	Considerable support and levels of adjustment. Option of regular or deep. Adjustable air and foam cushioned cover, and breathable outer.	Highly adjustable backrest suitable for wheelchair users who need support up to their mid scapulae. Option of regular or deep.	A taller backrest that reaches the top of the users shoulder. Option of regular or deep.	Pelvic and lumbar support for active users. Full range of motion and unimpeded upper body movement. Adjustable air and foam cushioned cover, and breathable outer.	Provides good support and positioning to help improve trunk control and decrease fatigue. Adjustable air and foam cushioned cover, and breathable outer.	Designed for tall clients, requiring minimal lateral support – though laterals can be added. Adjustable air and foam cushioned cover, and breathable outer.	Ideal for clients with poor trunk stability and who require deeper contouring and additional lateral support. Adjustable air and foam cushioned cover, and breathable outer.
FRAME	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell	Aluminium shell
CUSHION COMPOSITION	Air-Foam Flotation	Closed Cell Foam	Closed Cell Foam	Closed Cell Foam	Closed Cell Foam	Air-Foam Flotation	Air-Foam Flotation	Air-Foam Flotation	Air-Foam Flotation
COVER TYPE	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric	Spacer knit fabric
SIZE RANGE (WIDTH)	9" - 11"	10" - 14"	14", 15", 16", 17", 18", 19", 20"	14", 15", 16", 17", 18", 19", 20"	14", 15", 16", 17", 18", 19", 20"	14", 16", 18", 20"	12", 14", 16", 17", 18", 20", 22", 24"	12", 14", 16", 17", 18", 20"	14", 16", 17", 18", 20"
WEIGHT	Up to 1.3 kg	Up to 1.6 kg	Up to 1.3 kg	Up to 1.7 kg	Up to 2.2 kg	Up to 2 kg	Up to 2.5 kg	Up to 2.75 kg	Up to 3.3 kg
USER WEIGHT LIMIT	45 kg	91 kg	136 kg	136 kg	136 kg	136 kg	136 kg	136 kg	136 kg
RELEASE SYSTEM	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand	Easy - one hand
DIAMETER OF BACK CANE TUBING	3/4", 7/8", 1"	3/4" - 1", 7/8"	3/4" - 1", 7/8"	3/4" - 1", 7/8"	3/4" - 1", 7/8"	3/4", 7/8", 1"	3/4", 7/8", 1"	3/4", 7/8", 1"	3/4", 7/8", 1"
LATERAL SUPPORT	On Mid only	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Deep Laterals
BACK HEIGHT	9.25"	10" - 15"	14"	18"	22"	7.25" - 9.5"	9.7" - 15.75"	17" - 23.6"	17" - 23.6"
BACK ANGLE OF ADJUSTMENT	Included	Infinite	- 5° / + 15°	- 5° / + 15°	- 5° / + 15°	- 20° / + 20°	- 20° / + 20°	- 20° / + 20°	- 20° / + 20°
SEAT DEPTH ADJUSTMENT	-1.0" to +4.15"	Up to 8"	2"	2"	2"	-1.5" to + 5.5"	-1.5" to + 5.5"	-1.5" to + 5.5"	-1.5" to + 5.5"
WARRANTY	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover
OPTIONAL EXTRAS (OTHER)	/	Lateral supports	Lateral supports	Lateral supports	Lateral supports	Lateral supports	Lateral supports	Lateral supports	Lateral Supports, Supplemental Lateral Supports, PSIS Block
MAINTENANCE REQUIRED	Reinflating the air/foam pocket on a weekly basis will extend the life of the backrest.	None	None	None	None	Once a week, allow the back to fully inflate overnight with all valves open.	Once a week, allow the back to fully inflate overnight with all valves open.	Once a week, allow the back to fully inflate overnight with all valves open.	Once a week, allow the back to fully inflate overnight with all valves open.
BRAND									

Information correct as of January 2024. From time to time, product specifications are changed by manufacturers without prior notice

*Refers to transfer weight



Wheelchair Back Support Solutions Chart

	ADI ALUMINIUM BACK LOW	ADI ALUMINIUM BACK MEDIUM	ADI ALUMINIUM BACK STANDARD	ADI FLAT TOP BACK LOW	ADI FLAT TOP BACK MEDIUM	ADI FLAT TOP BACK STANDARD	ADI Q BACK STANDARD	ADI Q BACK TALL	ADI CARBON FIBRE LOW
DESCRIPTION	The ADI Aluminum back offers ultimate strength without the weight. Ergonomically designed to provide support during long, active days in a wheelchair or powerchair. With it's bevelled top edges on the taller models, this back allows for rotator cuff clearance, making it a great option for active users and those self-propelling.			The ADI Flat Top Back, is constructed out of aircraft quality aluminium. For clients who require high levels of support in the upper back region the ADI Flat Top Back offers an ideal solution. With it's flat top section, this back works particularly well with harness retainer kits where required.			The ADI Q-Back allows for seamless integration with Quantum TRU-Balance 3 and 4 Power Recline Systems. Offering quick, flush fitting to power recline units, making the Q-Back an ideal option to speed up trial set ups, while also minimising the distance between the power recline pivot point and the user for better ergonomic performance.		The ADI Carbon Back is the lightest in the ADI range, making it the go to option for active users where weight is a primary consideration. Typically used on ultra-lightweight wheelchairs to minimise overall chair weight.
FRAME	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Lightweight aircraft quality aluminium shell	Carbon Fibre
CUSHION COMPOSITION	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric
COVER TYPE	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric	Coolcore Fabric
SIZE RANGE (WIDTH)	14", 16", 18"	14", 16", 18", 20"	14", 16", 18"	14", 16", 18"	14", 16", 18"	14", 16", 18"	16"- 20"	16"- 20"	14", 16", 18"
WEIGHT	680g	680g	680g	680g	680g	680g	N/A	N/A	372g
USER WEIGHT LIMIT	113 kg	113 kg	113 kg	113 kg	113 kg	113 kg	136 kg	136 kg	113 kg
RELEASE SYSTEM	Quick release	Quick release	Quick release	Quick release	Quick release	Quick release	Not required	Not required	Fixed Elite Mounting
DIAMETER OF BACK CANE TUBING	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"	3/4" - 1"
LATERAL SUPPORT	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports	Stealth lateral supports
BACK HEIGHT	10"	13"	16"	10"	13"	16"	16"	18"	10"
BACK ANGLE OF ADJUSTMENT	20° adjustment	20° adjustment	20° adjustment	20° adjustment	20° adjustment	20° adjustment	20° adjustment	20° adjustment	None
SEAT DEPTH ADJUSTMENT	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Available in Active or Deep Contour	Active Countour only
WARRANTY	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover	2 years, excluding cover
MAINTENANCE REQUIRED	None	None	None	None	None	None	None	None	None
BRAND									

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