

**YOUR  
CUSTOMISED  
POSTURAL  
SEATING  
PARTNER**



**ACTIFLEX**

# PRODUCT GUIDE

Pelvic, Trunk & Limb Control Range

Supporting posture | Promoting function | Enabling participation



[www.activedesign.co.uk](http://www.activedesign.co.uk)

# ABOUT ACTIVE DESIGN

Over 30 years of expertise in practical, postural support solutions.

Active Design is a UK-based manufacturer of specialist seating and postural support products. Since 1991, we've worked closely with healthcare professionals, suppliers and users to create solutions that make a real difference - products that are functional, durable and built with everyday use in mind.

All our products are designed and manufactured in-house at our Birmingham facility. We apply clinical insight, engineering precision and hands-on experience to develop seating systems that support people to sit safely, comfortably and functionally, across a wide range of needs and environments.



Our focus is simple:

**BETTER POSTURE**  
**BETTER COMFORT**  
**BETTER OUTCOMES**

Through continuous development and personal service, we remain committed to helping individuals with complex seating needs participate more fully in daily life.



☎ +44 (0)121 326 7506  
 ✉ sales@activedesign.co.uk  
 🌐 www.activedesign.co.uk



# WHY PELVIC, TRUNK AND LIMB CONTROL MATTERS

For many wheelchair users, particularly those with neurological or physical impairments, maintaining an upright, stable and functional sitting posture can be extremely challenging. Conditions such as cerebral palsy, stroke, or genetic disorders can affect muscle tone, coordination and movement control, limiting a person's ability to sit safely or comfortably for long periods.

**Without appropriate support, individuals may be at risk of:**

- Developing poor posture or body shape changes
- Experiencing pain, fatigue or discomfort
- Losing functional independence in daily tasks

Pelvic, trunk and limb control systems are key to improving these outcomes. They help stabilise the body, promote balance, and enable more natural movement - all while reducing the risk of long-term issues linked to poor posture.



**By guiding, rather than restricting, movement, lap straps, supportive harnesses, and limb controls give users the confidence, comfort and control needed to:**

- Maintain functional sitting
- Improve trunk and limb control
- Participate in everyday activities
- Reduce clinical risks and improve quality of life



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



# PELVIC CONTROL SOLUTIONS

## Stabilising the pelvis to support posture, alignment and safe movement

Secure pelvic positioning is essential for functional sitting. It forms the foundation for head, trunk and limb control, improving comfort, stability and safety during daily use.

All lap straps in this section are part of the ACTIFLEX range, designed for durability, comfort and easy clinical adjustment. Constructed using high-quality webbing and integrated pads, each strap includes a wipe-clean surface and non-slip materials for reliable performance across daily care environments.



## Available Buckle Styles Include:



**Safety Buckle Single Pull**



Strong centre-release buckle, now available in 1" width



**Side Release Buckle Single Pull**



Lightweight, cost-effective option



**Side Release Buckle Dual Pull**



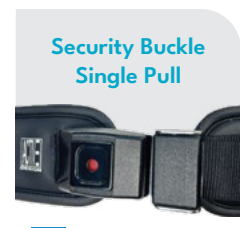
Adjustable from both sides for refined positioning



**Heavy Duty Buckle Single Pull**



Reinforced fastening for maximum strength environments



**Security Buckle Single Pull**



To avoid accidental release, a pen or other pointed object can be used to release the buckle

## Features and Clinical Benefits:



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## 2-POINT PADDED LAP STRAP

Comfortable lap strap providing secure pelvic support with easy adjustability.

- Combines high-quality webbing, cushioned foam core, and non-slip Amourtex fabric
- Wipe-clean Dartex edging for hygiene and practicality
- Two-point attachment design supports reliable, effective pelvic positioning



Size	Pad Size	Safety Buckle SP	Side Release SP	Side Release DP	Security Buckle SP	Heavy Duty SP
XXS	13.5 x 5.5cm	-	A52P	A54P	-	-
XS	15.5 x 5.5cm	A50Q	A52Q	A54Q	A58Q	-
S	17.5 x 7cm	A50R	A52R	A54R	A58R	A52RX
M	20 x 7cm	A50S	A52S	A54S	A58S	A52SX
L	25 x 7cm	A50T	A52T	A54T	A58T	A52TX
XL	30 x 9cm	A50U	A52U	A54U	A58U	A52UX

**SP** = Single Pull    **DP** = Dual Pull



Balanced pelvic support with non-slip design

## SLIMLINE PADDED LAP STRAP

Space-saving lap strap where maximum pressure distribution is not essential.

- Same pad length as 2-Point version with 1" webbing to reduce pad width by nearly 2cm
- Allows more precise application of corrective forces
- Retains comfortable foam core and non-slip Amourtex fabric
- Wipe-clean finish ensures daily hygiene and maintenance



Size	Pad Size	Safety Buckle SP	Side Release SP	Side Release DP	Security Buckle SP
S	17.5 x 5.5cm	A50RS	A52RS	A54RS	A58RS
M	20 x 5.5cm	A50SS	A52SS	A54SS	A58SS
L	25 x 5.5cm	A50TS	A52TS	A54TS	A58TS

**SP** = Single Pull    **DP** = Dual Pull



Slim design for space-limited seating systems



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## 4-POINT PROFILED LAP STRAP

Shaped design delivering increased pelvic coverage and high-level support.

- Profiled belt design with large surface area enhances contact around the pelvis
- Four anchor points provide stable, consistent support
- Ideal for users with complex postural needs
- Cushioned construction with wipe-clean finish for hygiene



Size	Pad Size	Safety Buckle SP	Security Buckle SP	Heavy Duty SP
S	18 x 15cm	A56R	A56RZ	A57R
M	22 x 16cm	A56S	A56SZ	A57S
L	22 x 18cm	A56T	A56TZ	A57T



Profiled design for complex pelvic support needs

**SP** = Single Pull

## 4-POINT PADDED LAP STRAP

Higher authority pelvic strap with four anchor points for increased stability and positioning.

- Provides firmer pelvic support within complex postural systems
- Prevents strap twisting, maintaining secure and consistent fit
- Cushioned pads enhance comfort, reducing risk of localised pressure
- Wipe-clean finish supports daily hygiene and maintenance



Size	Pad Size	Safety Buckle SP	Side Release SP	Side Release DP	Security Buckle SP	Heavy Duty SP
XS	15 x 7cm	A51Q	A53Q	A55Q	A59Q	-
S	17 x 7cm	A51R	A53R	A55R	A59R	A53RX
M	20 x 7cm	A51S	A53S	A55S	A59S	A53SX
L	25 x 7cm	A51T	A53T	A55T	A59T	A53TX
XL	30 x 9cm	A51U	A53U	A55U	A59U	A53UX



Four anchor points for enhanced pelvic control

**SP** = Single Pull **DP** = Dual Pull



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



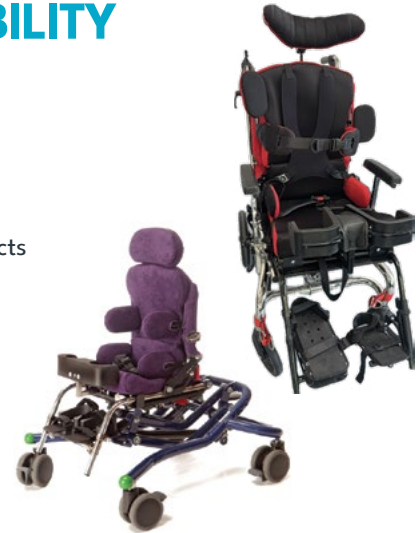
## SIZING GUIDE FOR CAPS II COMPATIBILITY

Size	Lap Strap
MiniCAPS A1-A3	XS
MiniCAPS B1-B3	XS
MiniCAPS C1-C3	S
MiniCAPS D1-D3	M
Child	S
Junior / Junior <sup>Plus</sup>	M
Teenage / Teenage <sup>Plus</sup>	L
Adult / Adult <sup>Plus</sup>	XL

Active Design pelvic positioning products, including lap straps, are designed to work seamlessly with a wide range of specialist seating systems.

If you are using Active Design pelvic products in conjunction with CAPS II or MiniCAPS seating systems, this reference can assist with selection.

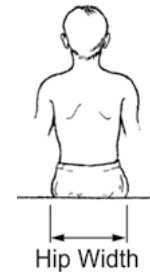
*Please note: This is a general guide. Final product selection should always be based on clinical assessment and individual user needs.*



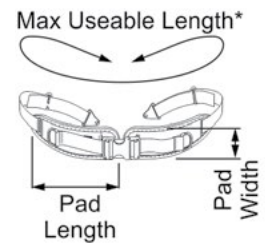
## PELVIC SIZING REFERENCE TABLE

Use the table below to guide lap strap selection based on hip width and usable length. This sizing guidance applies to **all Active Design pelvic positioning products**, including 2-point and 4-point padded lap straps. It is important that lap straps are sized appropriately to ensure both support and user comfort.

Hip width is measured across the widest point of the hips while seated. Max usable length refers to the total available strap length in use.



Size	Max Usable Length	Min Hip Width	Max Hip Width	Webbing Width
XXS	110	15	21	3/4"
XS	120	18	24	1"
S	130	22	27	1½"
M	145	25	34	1½"
L	160	30	40	1½"
XL	175	38	48	2"



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



# TRUNK CONTROL SOLUTIONS

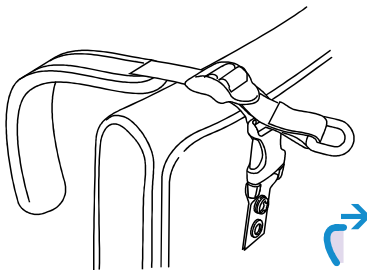
## Supporting the upper body for better posture and freedom of movement

Trunk control products help users maintain upright sitting, balance and safe positioning. Suitable for users with reduced trunk strength or balance, they offer gentle guidance without restricting necessary movement, supporting posture correction and safer mobility throughout daily use.

All harnesses in this section form part of the **ACTIFLEX** range, designed for dynamic postural support. Constructed using cushioned core materials, two-way stretch fabrics and a wipe-clean Dartex face, these harnesses are built for comfort, durability and day-to-day practicality.

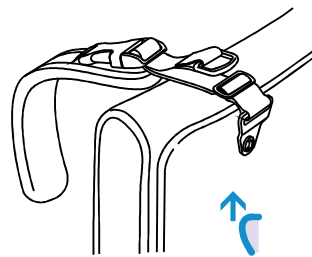


## Each harness is available with a choice of pull styles to meet individual needs:



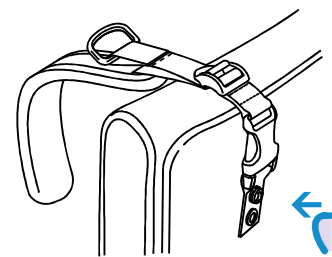
### Rear Pull

Horizontal tightening from a higher backrest position, ideal for complex seating systems



### Top Pull

Upward adjustment with flexible mounting position



### Front Pull

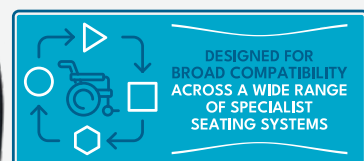
Forward adjustment with curved ladderlock and quick-release mount

## Key Features & Benefits:

Dynamic design supports posture correction and natural movement

Wipe-clean Dartex materials support hygiene and long-term use

Multiple pull styles for clinical flexibility



Designed for consistent fit and reliable positioning across the range

Secure, simple strap adjustment via integrated triglides



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## H-TYPE HARNESS

Flexible support that moves with the user comfort and reliable posture management.

- Encourages active sitting and natural trunk movement
- Flexible materials support dynamic postural alignment
- Cushioned design improves comfort and reduces pressure points
- Easy to fit and adjust, ensuring consistent positioning



Size	Pad Size	Rear Pull	Top Pull	Front Pull
XXS	22.5 x 6.5cm	A14P	A12P	A10P
XS	25 x 6.5cm	A14Q	A12Q	A10Q
S	28.5 x 8cm	A14R	A12R	A10R
M	32.5 x 9cm	A14S	A12S	A10S
L	36.5 x 9cm	A14T	A12T	A10T
XL	41.5 x 9cm	A14U	A12U	A10U

Moves with the user for dynamic postural support



## X-TYPE HARNESS

X-shaped design with reinforced linking element for high-level, midline trunk support.

- Reinforced central linking element increases strength and durability
- Provides symmetrical load distribution across the chest
- Supports secure midline positioning, especially in users needing centred support
- Anatomical design can be particularly beneficial for female users



Size	Overall Length	Rear Pull	Top Pull	Front Pull
XS	35cm	A24Q	-	-
S	40cm	A24R	A22R	A20R
M	45cm	A24S	A22S	A20S
L	50cm	A24T	A22T	A20T
XL	55cm	A24U	-	-

Reinforced support ideal for female users



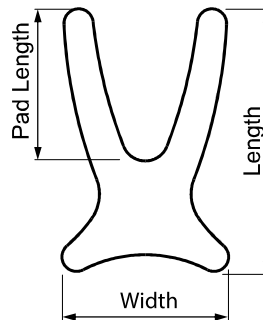
+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## DYNAFLEX HARNESS

One-piece dynamic harness that fits like clothing, providing controlled trunk support for active movement.

- Swivel base fitting reduces shear during dynamic movement
- Supports active trunk movement and balance without rigid restraint
- Offers Rear Pull, Top Pull, Front Pull, or end fittings for versatile clinical use
- Adjustable end fittings ensure secure, tailored positioning



Size	Dimensions	Pad Length	Rear Pull	Top Pull	Front Pull
XXS	25 x 16cm	14cm	A83P	A82P	A81P
XS	30 x 19cm	17cm	A83Q	A82Q	A81Q
S	34 x 19cm	20cm	A83R	A82R	A81R
M	39 x 25cm	22cm	A83S	A82S	A81S
L	46 x 29cm	26cm	A83T	A82T	A81T
XL	53 x 32cm	32cm	A83U	A82U	A81U



Four-way stretch for dynamic, clothing-like comfort

## SLIMLINE DYNAMIC HARNESS

Compact harness that supports shoulder girdle retraction and encourages active trunk movement.

- Supports shoulder retraction for improved trunk alignment
- Slim profile suits environments where minimal harness bulk is essential
- Suitable for mild to moderate postural control needs
- Flexible, cushioned materials enable dynamic postural control
- Useful to avoid contact with a PEG (Percutaneous Endoscopic Gastrostomy)



Size	Pad Size	Rear Pull	Top Pull	Front Pull
S	24 x 5cm	A44R	A42R	A40R
M	28 x 5cm	A44S	A42S	A40S
L	32 x 5cm	A44T	A42T	A40T



Can be used in cross over style too



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## BANDIDO HARNESS

Wide pad harness with removable rigid insert for direct sternum control and load distribution.

- Rigid plastic insert provides point control on the sternum
- Wide pads distribute pressure evenly across the chest
- Supports higher levels of postural correction and stability
- Integrates easily into complex seating systems for versatile use



Size	Centreline Length	Rear Pull	Top Pull	Front Pull
XS	28.5cm	A74Q	A72Q	A70Q
S	35cm	A74R	A72R	A70R
M	42cm	A74S	A72S	A70S
L	49cm	A74T	A72T	A70T
XL	58.5cm	A74U	A72U	A70U



Insert can be removed if flexible configuration is needed

## PADDED CHEST STRAP

Straightforward trunk support with easy fitting and quick-release functionality.

- Single buckle design allows fast fitting and removal
- Provides moderate trunk support in less complex situations
- Cushioned construction maximises comfort during extended use
- Wipe-clean Dartex finish supports hygiene and daily maintenance



Size	Pad Size	Max Useable Length	Side Release SP
XS	16.5 x 6.5cm	120cm	A30Q
S	19 x 8cm	130cm	A30R
M	21.5 x 9cm	145cm	A30S
L	24 x 10cm	160cm	A30T

SP = Single Pull



Simple, reliable trunk support



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## HEAVY DUTY HARNESS OPTIONS

Reinforced options across all harness types, providing firm, consistent control for high-tone users.

- Vinyl-faced pads remove dynamic stretch for firmer control
- Suitable for high-tone users or where maximum strength is needed
- Durable construction with wipe-clean surface
- Available by adding suffix 'HD' to part number; same price as standard harnesses
- **For example:** A10SHD denotes a Medium H-Type Heavy Duty Front Pull Harness

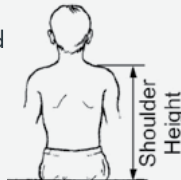


## No additional cost for Heavy Duty options

### HARNESS SIZING REFERENCE TABLE

Use the table to the right to identify the correct harness size based on the user's shoulder height. This guidance applies across the full Active Design harness range and should be used in conjunction with clinical judgement.

Shoulder height is measured from the seat surface to the top of the shoulders while the user is in their usual seated position.



Size	Min Shoulder Height	Max Shoulder Height	Webbing Width
XXS	32	36	3/4"
XS	34	39	3/4"
S	37	44	1"
M	42	52	1"
L	50	58	1"
XL	56	64	1"

### SIZING GUIDE FOR CAPS II COMPATIBILITY

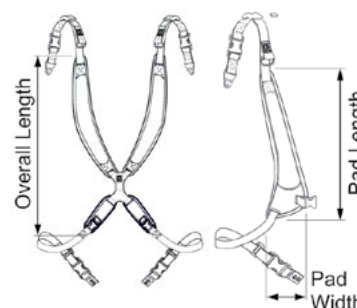
Active Design harnesses and lap straps are designed to integrate easily with a wide range of specialist seating systems.

If you are using Active Design components with CAPS II or MiniCAPS systems, use this reference to identify the most appropriate harness size.

\*Please note: This is a general guide. Final selection should be based on clinical assessment and individual user needs.

Size	Harness
MiniCAPS A1-A3	XS
MiniCAPS B1-B3	XS
MiniCAPS C1-C3	S
MiniCAPS D1-D3	M
Child	S
Junior / JuniorPlus	M
Teenage / TeenagePlus	L
Adult / AdultPlus	XL

#### HARNESS DIMENSIONS



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



# LIMB CONTROL SOLUTIONS

## Supporting upper and lower limbs for improved positioning and stability

Limb control plays a vital role in overall postural management, especially for users with reduced voluntary control or involuntary movements. These solutions offer secure but gentle guidance for the arms and legs, helping to stabilise the extremities as part of a full seating system, without restricting necessary movement.



## ANKLE SNUGGS

Provides stable, repeatable lower limb positioning within a complete postural support system.

- Constructed with ACTIFLEX materials for durability and long-term use
- Padded sections enhance comfort and reduce pressure at the lower limbs
- Available in 2-point and 4-point profiled configurations for tailored positioning
- Maintains consistent foot placement, supporting overall postural stability



Size	Pad Size	2-Point	4-Point
S	20 x 11cm	A91R2	A91R
M	26 x 12cm	A91S2	A91S
L	28 x 16cm	A91T2	A91T



Reliable lower limb support for repeatable positioning



## HOUDINI WRIST STRAPS

Support upper limb control while maintaining user comfort and freedom of movement.

- Soft fleece cuff surrounds wrist or forearm, minimising risk of accidental harm
- Designed to support safe postural control without being restrictive
- Secure to the opposite side of the seat to allow arm movement within base of support
- Heavy duty version includes additional side release buckle for added security
- Practical, user-friendly design supports use in a range of clinical settings
- One size fits all



	Feature	Part Number
Basic	Fleece lined	C44/91
Standard	Additional reverse fold velcro for added security	C44/92
Heavy Duty	Additional buckle to reinforce strap	C44/93



Comfortable support for upper limb control



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk



## PELVIC CONTROL RANGE CODES



Product	Size	Safety Buckle	Side Release SP	Side Release DP	Security Buckle	Heavy Duty
2-Point Padded Lap Strap	XXS	-	A52P	A54P	-	-
	XS	A50Q	A52Q	A54Q	A58Q	-
	S	A50R	A52R	A54R	A58R	A52RX
	M	A50S	A52S	A54S	A58S	A52SX
	L	A50T	A52T	A54T	A58T	A52TX
	XL	A50U	A52U	A54U	A58U	A52UX
Slimline Padded Lap Strap	S	A50RS	A52RS	A54RS	A58RS	-
	M	A50SS	A52SS	A54SS	A58SS	-
	L	A50TS	A52TS	A54TS	A58TS	-
4-Point Profiled Lap Strap	S	A56R	-	-	A57AR	A57R
	M	A56S	-	-	A57AS	A57S
	L	A56T	-	-	A57AT	A57T
4-Point Padded Lap Strap	XS	A51Q	A53Q	A55Q	A59Q	-
	S	A51R	A53R	A55R	A59R	A53RX
	M	A51S	A53S	A55S	A59S	A53SX
	L	A51T	A53T	A55T	A59T	A53TX
	XL	A51U	A53U	A55U	A59U	A53UX

## TRUNK CONTROL RANGE CODES



Product	Size	Rear Pull	Top Pull	Front Pull
H-Type Harness	XXS	A14P	A12P	A10P
	XS	A14Q	A12Q	A10Q
	S	A14R	A12R	A10R
	M	A14S	A12S	A10S
	L	A14T	A12T	A10T
	XL	A14U	A12U	A10U
X-Type Harness	XS	A24Q	-	-
	S	A24R	A22R	A20R
	M	A24S	A22S	A20S
	L	A24T	A22T	A20T
	XL	A24U	-	-
Dynaflex Harness	XXS	A83P	A82P	A81P
	XS	A83Q	A82Q	A81Q
	S	A83R	A82R	A81R
	M	A83S	A82S	A81S
	L	A83T	A82T	A81T
	XL	A83U	A82U	A81U
Slimline Dynamic Harness	S	A44R	A42R	A40R
	M	A44S	A42S	A40S
	L	A44T	A42T	A40T
Bandido Harness	XS	A74Q	A72Q	A70Q
	S	A74R	A72R	A70R
	M	A74S	A72S	A70S
	L	A74T	A72T	A70T
	XL	A74U	A72U	A70U

Product	Size	Side Release SP
Padded Chest Strap	XS	A30Q
	S	A30R
	M	A30S
	L	A30T

## LIMB CONTROL RANGE CODES

Product	Size	2-Point	4-Point
Ankle Snuggs	S	A91R2	A91R
	M	A91S2	A91S
	L	A91T2	A91T

Product	Model	Part No
Houdini Wrist Straps	Basic	C44/91
	Standard	C44/92
	Heavy Duty	C44/93



+44 (0)121 326 7506  
 sales@activedesign.co.uk  
 www.activedesign.co.uk





# PURCHASING AND COMPLIANCE INFORMATION

All **ACTIFLEX** products carry an unconditional guarantee against faulty workmanship and materials. All items listed in this guide are manufactured in the UK.

These products are manufactured to comply with the Medical Devices Directive MDD 93/42/EEC and meet all applicable standards for safety, quality and performance.

## WHY CHOOSE ACTIVE DESIGN?

- Trusted, clinically considered solutions designed and made in the UK
- Over 30 years of experience in specialist seating
- Close collaboration with healthcare professionals
- Flexible, adaptable product range to meet individual needs
- Focused on comfort, safety and real-world performance
- UK manufactured with reliable supply and quality control

## CONTACT US TO FIND OUT MORE

- ☎ +44 (0)121 326 7506
- ✉ [sales@activedesign.co.uk](mailto:sales@activedesign.co.uk)
- 🌐 [www.activedesign.co.uk](http://www.activedesign.co.uk)



**TO PURCHASE  
SIMPLY VISIT OUR  
ONLINE SHOP**



Unit 1 Holford Way  
Witton | Birmingham  
B6 7AX | UK



These products are manufactured to comply with the Medical Devices MDD93/42/EEC