## Wheelchair Back Systems

### Indicators

<table>
<thead>
<tr>
<th>Used for</th>
<th>Comfort, support of spine &amp; pelvis</th>
<th>Scoliosis, Kyphosis, Lordosis, spinal support &amp; improved comfort for pain</th>
<th>Spinal support, lateral support, kyphotic posture &amp; improved comfort for pain</th>
<th>Ideal for active users who require some lateral and pelvic support</th>
<th>With more lateral and pelvic support than the HAA-AC back</th>
<th>Spinal deformities, Kyphosis, Lordosis &amp; pelvic support</th>
<th>As per Nxt Armadillo, including; Scoliosis, rotational asymmetry &amp; improved comfort for pain</th>
<th>Active user; Thoracic support &amp; pelvic positioning</th>
<th>Allows for optimal pelvic positioning while providing proper support to the user's thoracic region</th>
</tr>
</thead>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Cushion material composition</th>
<th>Visco foam zones</th>
<th>Vicair SmartCells 8 Adjustable sections</th>
<th>Vicair SmartCells 11 Adjustable sections</th>
<th>Dual density foams</th>
<th>Dual density foams</th>
<th>Vicair SmartCells 9 Adjustable sections</th>
<th>Dual density foams</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supplied with backshell</td>
<td>No</td>
<td>No</td>
<td>Yes, 1 section with Vicair adjustable lateral support</td>
<td>Yes, 2 section backshell. Height Adjustable.</td>
<td>Yes, 3 section backshell. Posture angle adjustable</td>
<td>Yes, 1 section</td>
<td>Lightweight carbon</td>
</tr>
<tr>
<td>Quick release backshell</td>
<td>N/A</td>
<td>N/A</td>
<td>Yes, one hand quick release for removal</td>
<td>Yes, one hand quick release for removal</td>
<td>Yes, one hand quick release for removal</td>
<td>Yes, one hand quick release for removal</td>
<td></td>
</tr>
</tbody>
</table>

### Adjustable Back Angle

| Hardware anterior | N/A | N/A | 25° Anterior | 25° Anterior | 25° Anterior | 25° Anterior |
| Hardware posterior | N/A | N/A | 25° Posterior | 25° Posterior | 25° Posterior | 25° Posterior |
| Backshell contour - upper | N/A | N/A | N/A | N/A | 40° Anterior, 20° Posterior | N/A |
| Backshell contour - lower | N/A | N/A | N/A | N/A | 30° Anterior, 30° Posterior | N/A |

### Available Sizes

<table>
<thead>
<tr>
<th>Width x height</th>
<th>cm</th>
<th>inches</th>
<th>cm</th>
<th>inches</th>
<th>cm</th>
<th>inches</th>
<th>cm</th>
<th>inches</th>
<th>cm</th>
<th>inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 - 44x39&quot;</td>
<td>16 - 17x15</td>
<td>41x45, 40x54</td>
<td>16x18, 16x21</td>
<td>40x40, 40x50</td>
<td>16x16, 16x20</td>
<td>40x40-50 (height adjustable)</td>
<td>16x16-20 (height adjustable)</td>
<td>40x40</td>
<td>16x16</td>
<td>38x23, 38x33, 40x23, 40x33, 40x40</td>
</tr>
<tr>
<td>45 - 49x44&quot;</td>
<td>18 - 19x20</td>
<td>46x45, 45x54</td>
<td>18x18, 18x21</td>
<td>45x40, 45x50</td>
<td>18x16, 18x20</td>
<td>45x40-50 (height adjustable)</td>
<td>18x16-20 (height adjustable)</td>
<td>45x45</td>
<td>18x18</td>
<td>43x23, 43x33</td>
</tr>
<tr>
<td>45 - 49x50&quot;</td>
<td>18 - 19x20</td>
<td>50x54</td>
<td>20x21</td>
<td>50x40, 50x50</td>
<td>20x16, 20x20</td>
<td>50x40-50 (height adjustable)</td>
<td>20x16-20 (height adjustable)</td>
<td>55x45</td>
<td>22x18</td>
<td>51x33, 51x40</td>
</tr>
</tbody>
</table>

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**Note:**
- Click on any image to go to the product page.
- For further information, contact Morton Perry: 0800 238 523 or sales@mortonperry.co.nz.

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**Model:** Systam Back Cushion

**Multi-Functional:**

**Contour:**

**Xtend:**

**Xtend Deep:**

**Armadillo:**

**Vicair Armadillo:**

**Optima - Carbon:**

**Optima Deep - Carbon:**

**Item Code:**
- XD951DS1HW
- XD951D1HW
- XD951D1LHW
- XVAMFB/CK/Size
- XDNVC/Size
- XDNHACB/Size
- XDNHAPCB/Size
- XDNMAPS/Size
- XDNVA/Size
- XDNOCFACB/Size
- XDNOCFPCB/Size

**Inquiries:**
- 0800 238 523
- mortonperry.co.nz
- sales@mortonperry.co.nz

**Wheelchair Back Systems 2019V2**
**QuickFit™ Mounting System**

- **EASILY ADJUSTS WHILE CLIENT IS IN CHAIR**

  1. **SCAPULAR CUTOUT**
     - Support for the spinal column along with shoulder freedom for improved wheelchair propulsion and mobility.
  2. **MOUNTING SLOTS**
     - For aftermarket belts and harnesses.
  3. **CURVED HEAD SUPPORT SLOTS**
     - Our NXT Multi-Fit head support can be mounted on an angle to create offset positioning for the user.
  4. **LATERAL MOUNTING SLOTS**
     - For NXT external lateral supports.
  5. **ONE HAND QUICK RELEASE**
     - This unique feature allows for removal of the back from the wheelchair using just one hand!
  6. **PELVIC CUT-OUT**
     - For optimal pelvic positioning and support of the PSIS (Posterior Superior Iliac Spine) and allows added room.
  7. **ALTERNATE MOUNTING HEIGHTS**
     - Allows the hardware to be installed at optional heights to achieve the best possible fitting and avoid any mounting interference points.
  8. **WIDTH ADJUSTMENT**
     - Offers 2 inches (5.1 cm) of width adjustability which allows the back to be installed on a wider chair. For example: a 16” (40.6 cm) wide back will fit a 16”, 17”, or a 18” (40.6, 43.2, or 45.7 cm) wide chair.
  9. **ANGLE ADJUSTABILITY**
     - 50° of angle adjustability (25° posterior or 25° anterior).

**Wheelchair Back Systems**

**Optima - Carbon**

- One-piece thoracic back support
- Ultra-light T700 high-modulus carbon fiber shell (lightest and most rigid available)
- Designed for active users wishing to keep the total weight of their chair down
- Dual density foam back cushion
- Breathable & washable cover

**Optima Deep - Carbon**

- Allows for optimal pelvic positioning while providing proper support to the user’s thoracic region.

**Armadillo**

- Features three sections to fit the unique contour of the user’s spine
- For users with Spinal deformities, Kyphosis, Lordosis and other spinal deformities
- Breathable & washable cover
- Dual-density foam back cushion with visco gel top layer

**Vicair Armadillo**

- Features the Armadillo three-section modular shell with a Vicair cushion for improved comfort
- The 9 Adjustable sections with Vicair SmartCells can be customised to effect the shape of the contour incrementally

**Maple Armadillo**

- For users with Spinal deformities, Kyphosis, Lordosis and other spinal deformities
- Breathable & washable cover

**Contour Back**

- NXT QuickFit™ back with depth adjustable 6” lateral supports
- 25° Anterior & 25° posterior tilt
- 11 Adjustable compartments with Vicair SmartCell™ technology allows for pressure redistribution and positioning

**Multifunctional Back System**

- Optimal immersion when using a solid back wheelchair, easily fixed by use of velcro
- 8 Adjustable sections with Vicair SmartCells assist in preventing pressure ulcers
- Automatically adapts to the body’s contours. The cushion can also be adjusted for optimal positioning, with the user still leaning against the cushion
- Breathable & washable cover

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**SmartCell™ Technology**

Gives optimal pressure redistribution and comfort