## Wheelchair Back Systems

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Systam Back Cushion</th>
<th>Multi-Functional</th>
<th>Contour</th>
<th>Xtend</th>
<th>Xtend Deep</th>
<th>Armadillo</th>
<th>Vicair Armadillo</th>
<th>Optima - Carbon</th>
<th>Optima Deep - Carbon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item code</td>
<td>XD951DS1HW</td>
<td>XD951DH1HW</td>
<td>XD951D1HW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
<td>XD951D1LHW, XD951D1LHW</td>
</tr>
</tbody>
</table>

### INDICATORS

| Used for | Comfort, support of spine & pelvis | Spinal support, lateral support, kyphotic posture & improved comfort for pain | Ideal for active users who require some lateral and pelvic support | With more lateral and pelvic support than the HA-AC back | Spinal deformities, Kyphosis, Lordosis & pelvic support | As per Nxt Armadillo, including, Scoliosis, rotational asymmetry & improved comfort for pain | Active user, Thoracic support & pelvic positioning | Allows for optimal pelvic positioning while providing proper support to the user’s thoracic region |

### 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 Velcro strap attachment</td>
<td>No Velcro strap attachment</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 Lightweight carbon</td>
<td></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

<table>
<thead>
<tr>
<th>Hardware anterior</th>
<th>N/A</th>
<th>N/A</th>
<th>25° Anterior</th>
<th>25° Anterior</th>
<th>25° Anterior</th>
<th>25° Anterior</th>
<th>25° Anterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware posterior</td>
<td>N/A</td>
<td>N/A</td>
<td>25° Posterior</td>
<td>25° Posterior</td>
<td>25° Posterior</td>
<td>25° Posterior</td>
<td>25° Posterior</td>
</tr>
<tr>
<td>Backshell contour - upper</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Backshell contour - lower</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

### AVAILABLE SIZES

<table>
<thead>
<tr>
<th>Width x height</th>
<th>cm</th>
<th>inches</th>
<th>cm</th>
<th>inches</th>
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<th>inches</th>
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<th>inches</th>
<th>cm</th>
<th>inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 - 44x39*</td>
<td>16</td>
<td>6.29</td>
<td>16</td>
<td>6.29</td>
<td>16</td>
<td>6.29</td>
<td>16</td>
<td>6.29</td>
<td>16</td>
<td>6.29</td>
<td>16</td>
<td>6.29</td>
</tr>
<tr>
<td>45 - 49x44**</td>
<td>18</td>
<td>7.09</td>
<td>18</td>
<td>7.09</td>
<td>18</td>
<td>7.09</td>
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<td>18</td>
<td>7.09</td>
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<td>7.09</td>
</tr>
<tr>
<td>45 - 49x50***</td>
<td>18</td>
<td>7.09</td>
<td>18</td>
<td>7.09</td>
<td>18</td>
<td>7.09</td>
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*Wheelchair Back Systems 2019V2*
Wheelchair Back Systems

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 adjustment (25° posterior or 25° anterior)

10. **Features & Quick Adjustment points for all NXT backrests**

**Contour Back**

- Optima - Carbon: For the active user - thoracic support & pelvic positioning.
- Optima Deep - Carbon: Allows for optimal pelvic positioning while providing proper support to the user’s thoracic region.

**Multifunctional Back System**

- 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

**Vicair SmartCell™ Technology**

- Gives optimal pressure redistribution and comfort

**Height Adjustable Backrest**

- This backrest has an additional feature; it’s HEIGHT ADJUSTABLE

- **Xtent**
  - 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

- **Xtent Deep**
  - Contour Back
    - Vicair SmartCell™ 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

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