Voyager 420, 550 & 800

Whether its for the institutional or homecare environment, the Voyager ceiling track system is the perfect solution to your moving and handling needs.

The Voyager range of ceiling hoists includes:

- Voyager 420 - A standard model for institutional or homecare use
- Voyager 550 - A heavy-duty lifter for the institutional environment
- Voyager 800 - A specialist bariatric solution (SWL 360kg/57st/800lbs)
Voyager® 420

The Voyager 420 will satisfy the majority of manual handling requirements with a maximum user weight of 190kg (30st/420lbs). The Voyager 420 is available in a 2-way (powered vertically, freewheel horizontally) or 4-way model (powered vertically and horizontally). The standard Oxford spreader bar supplied, allows use of the full Oxford sling range.

Voyager® 550

The Voyager 550 has all the features of the Voyager 420 but it will lift up to 250kg (40st/550lbs). The Voyager 550 is suitable for manual handling where a patient exceeds 190kg (30st/420lbs).

Voyager® 800

The Voyager 800 has been designed to lift up to 360kg (57st/800lbs) and is the perfect solution for bariatric or specialist institutional requirements. The Voyager 800 has all the features of the Voyager 420 and comes in a 4-way (powered vertically and horizontally) model only.
Key features and dimensions

**Voyager 420:**

- Lifting capacity: 190kg (420lbs/30st)
- Average weight: 12.7kg (28lbs) including battery
- Electronic soft-start and stop motor
- Manual and electric emergency lowering device
- Emergency brake (for mechanical failure)
- Emergency stopping device
- Current limiter for circuit protection
- Low battery disconnect system to protect batteries from being drained
- Lifting speed: 4cm/sec (1.6in/sec)
- Horizontal displacement speed: 20cm/sec
- Vertical axis motor: 24 VDC 1/12 HP
- Strap length upto 2.2m
- ISO 10535 compliant

**Voyager 550:**

- Lifting capacity: 250kg (550lbs/39st)
- Average weight: 22.7kg (50lbs) including battery
- Electronic soft-start and stop motor
- Manual and electric emergency lowering device
- Emergency brake (for mechanical failure)
- Emergency stopping device
- Current limiter for circuit protection
- Low battery disconnect system to protect batteries from being drained
- Lifting speed: 6cm/sec (2.4in/sec)
- Horizontal displacement speed: 15cm/sec and 25cm/sec (9.8in/sec)
- Vertical axis motor: 24 VDC 1/10 HP
- Strap length upto 3.6m
- ISO 10535 compliant

**Voyager 800:**

- Lifting capacity: 360kg (800lbs/57st)
- Average weight: 22.7kg (50lbs) including battery
- Electronic soft-start and stop motor
- Manual and electric emergency lowering device
- Emergency brake (for mechanical failure)
- Emergency stopping device
- Current limiter for circuit protection
- Low battery disconnect system to protect batteries from being drained
- Lifting speed: 3cm/sec (1.2in/sec)
- Horizontal displacement speed: 15cm/sec
- Vertical axis motor: 24 VDC 1/8 HP
- Horizontal axis motor: 24 VDC 1/10 HP
- Strap length upto 1.3m
- ISO 10535 compliant
Extensive room coverage with various track layouts

The Voyager system enables easy transfer between rooms throughout a building and can be arranged in various track layouts to suit individual requirements.

The Voyager x-y system allows complete room coverage and is perfect for multi-bed environments, such as hospital wards.

Track components and accessories

A wide range of track options are available from 2 to 6m straight track, 45° or 90° bends, x-y systems, turntables and a variety of wall and ceiling brackets to suit whichever track layout is required. This includes the following components:

- Standard Track
- Bracket
- Charger Stopper
- Rail Stopper
- Track Junction
- Turntable
- X-Y and Gate System
- X-Y Trolley Kit
- 76mm Track
- 144mm Track
- 45° Curved Track
- 90° Curved Track
- Wall Post
- Standard Track Bracket
- Rail Stopper
- Charger Stopper
- Track Junction
**Oxford Voyager**

**Technical Specifications**

**Voyager Overhead Hoist**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>420</th>
<th>550</th>
<th>800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe Working Load</td>
<td>190kg / 420lbs / 30st</td>
<td>250kg / 550lbs / 39st</td>
<td>360kg / 800lbs / 57st</td>
</tr>
<tr>
<td>Soft Start and Stop</td>
<td>✔</td>
<td>✔</td>
<td>✔</td>
</tr>
<tr>
<td>Low Battery Indicator</td>
<td>Visual / Audible</td>
<td>Visual / Audible</td>
<td>Visual / Audible</td>
</tr>
<tr>
<td>Battery Capacity (load of 75kg)</td>
<td>Upto 150 transfers</td>
<td>Upto 150 transfers</td>
<td>Upto 150 transfers</td>
</tr>
<tr>
<td>Weight (including battery)</td>
<td>12.7kg / 28lbs</td>
<td>22.7kg / 50lbs</td>
<td>22.7kg / 50lbs</td>
</tr>
<tr>
<td>Vertical Speed</td>
<td>4cm/sec</td>
<td>6cm/sec</td>
<td>3cm/sec</td>
</tr>
<tr>
<td>Horizontal Speed</td>
<td>15cm/sec</td>
<td>15cm/sec</td>
<td>15 and 25cm/sec</td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOY-A5400</td>
<td>Infrared Kit</td>
</tr>
<tr>
<td>VOY-A4000-45-UK</td>
<td>Powered Turntable - 45 Degree</td>
</tr>
<tr>
<td>VOY-A4000-90-UK</td>
<td>Powered Turntable - 90 Degree</td>
</tr>
<tr>
<td>VOY-A5200</td>
<td>Automatic Return to Charger</td>
</tr>
<tr>
<td>VOY-A5800 &amp; VOY-A5810</td>
<td>X-Y Tracking System</td>
</tr>
<tr>
<td>VOY-A9200</td>
<td>Gantry Track</td>
</tr>
</tbody>
</table>

Specifications may vary due to manufacturing tolerances. More track options available. Please contact Customer Services for more information.

**Suitability**
The Voyager range of lifts are suitable for the following categories of lift within the working parameters of the lifts specified in the technical specifications:

- Category A - Wheelchair
- Category B - Bed
- Category C - Bath
- Category D - Toilet/Shower Chair
- Category E - Floor
- Category F - 90 degree rotation

**Approvals & Certification**

- CSA 601.1
- UL 2601.1
- EN 60601.1
- EN ISO 10535 (Lifting devices) SGS
- UK Test Report: DUR22107/AC/OO

**Track**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOY-M0590</td>
<td>2m Straight Track</td>
</tr>
<tr>
<td>VOY-M0585</td>
<td>3m Straight Track</td>
</tr>
<tr>
<td>VOY-A0175</td>
<td>45 Degree Curve</td>
</tr>
<tr>
<td>VOY-A0170</td>
<td>90 Degree Curve</td>
</tr>
<tr>
<td>VOY-A0110</td>
<td>Track Bracket</td>
</tr>
<tr>
<td>VOY-A4990</td>
<td>Wall Bracket (set of 2)</td>
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<tr>
<td>VOY-A4950</td>
<td>Swivel Wall Bracket (set of 2)</td>
</tr>
<tr>
<td>VOY-A5553</td>
<td>Lateral Bracket for Suspended Ceiling</td>
</tr>
<tr>
<td>VOY-A5320</td>
<td>Additional Rail Stopper</td>
</tr>
</tbody>
</table>

**Electrical Specifications**

- Battery: X 12 volt rechargeable sealed lead acid type
- Battery capacity: 3.2 Ampere hours
- Charger rated input: 230Vac 50/60Hz
- Charger rated output: 27.4/29.0 VDC@0.8A

**Warranty**
The Voyager system comes with a 12 month warranty as standard. Please refer to the user manual for further information.

**Intended applications**

- Category A - Wheelchair
- Category B - Bed
- Category C - Bath
- Category D - Toilet/Shower Chair
- Category E - Floor
- Category F - 90 degree rotation

- SGS
- UK Test Report: DUR22107/AC/OO

**Intended for clinical use only**

**Approval**

- CSA 601.1
- UL 2601.1
- EN 60601.1
- EN ISO 10535 (Lifting devices) SGS
- UK Test Report: DUR22107/AC/OO

**Degree of shock protection**

- Charger - Type B
- Lift - Type B

**Intended operating environment:** >+5°C <+40°C

Outside this environment, functionality and safety may be compromised.