

## MERRITT SYNERGY

Combining superior comfort and adjustability, the Merritt Synergy line of operator chair systems brings ease-of-use and productivity to new heights.



## SPECIFICATIONS

## GENERAL DATA

Unique Features	<ul style="list-style-type: none"> <li>- High level of adjustability</li> <li>- Improved operator comfort</li> </ul>
Console Width	10", 12" or custom (up to 15")
Max Number of Devices	<p><i>10" Console</i> Up to 8 devices and 1 joystick or 6 devices and 2 joysticks</p> <p><i>12" Console</i> Up to 14 devices and 1 joystick or 12 devices and 2 joysticks</p>
Seat Options	<p><i>Model</i> - Actimo Seat (Velour or Vinyl)</p> <p><i>Options</i>  <ul style="list-style-type: none"> <li>- Full cushion or u-cut cushion (Koenig seat only)</li> <li>- Heated seat (leather Koenig only)</li> <li>- Motorized seat recline (leather Koenig only)</li> <li>- 2-point retractable seat belt</li> <li>- 4-point shoulder harness</li> <li>- Operator presence switch</li> </ul> </p>
Suspension Options	<p><i>Mechanical Suspensions</i> - Heavy Duty (weight up to 400 lbs)</p> <p><i>Pneumatic (Air) Suspensions</i>  <ul style="list-style-type: none"> <li>- Wide (weight up to 375 lbs)</li> <li>- Heavy Duty (weight up to 485 lbs)</li> </ul> </p>
Armrest Type	Console mounted, large armrests with 11 position tilt adjustment for optimal upper body support. Leather handrest also supplied standard.
Footrest Option	<ul style="list-style-type: none"> <li>- 2-piece fixed footrest with adjustable horns</li> <li>- 2-piece fixed footrest</li> </ul>
Est. Shipping Weight	580 lbs.
Est. Shipping Dimensions	60 in. x 45 in. x 52 in.

## ADJUSTMENT FEATURES

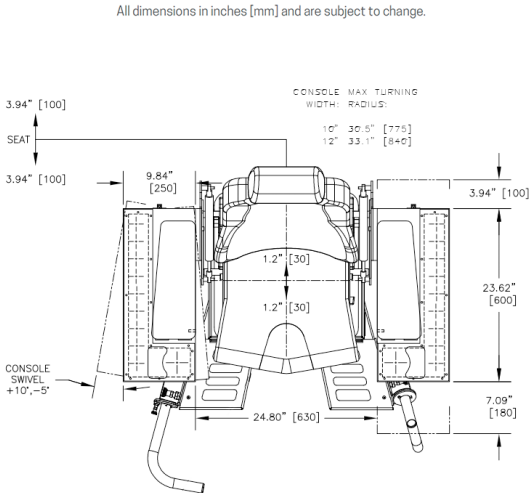
System Rotation	Optional, up to 270 degrees
System Height	✓
System Tilt	✓
Consoles Slide Forward/Backward	✓
Consoles Tilt	✓
Consoles - Slew In/Out	✓
Armrests - Height	✓
Armrests - Tilt	✓
Seat - Slide Forward / Backward	✓
Seat - Recline	✓
Seat - Lumbar	✓
Footrest - Height / Tilt	✓

## TECHNICAL DATA

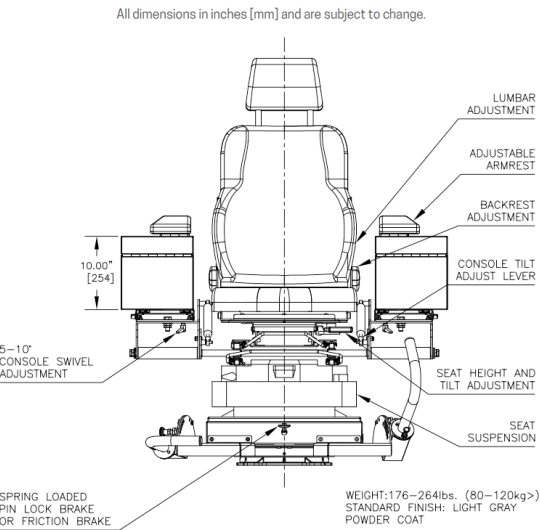
	270 degrees max with pin lock or friction brake operation
Rotation Optional	<i>Pin Lock</i> 4 locking positions (every 90 degrees). Positions can be customized to your specifications.  <i>Friction Brake</i> System holds throughout +/- 135 degrees of travel.
Max Turning Radius	<i>System with 10" Console</i> 30.5" [775 mm]  <i>System with 12" Console</i> 33.1" [840 mm]
Slide Range	23.4" [595 mm] total adjustment 15.6" [400 mm] seat slide range 7.8" [200 mm] seat and consoles range slide range
Scissor Adjust Range	Height: adjustable to 3.2" [80 mm] Tilt: adjustable to 14 degrees
Armrest Adjust Range	Tilt / height adjustment: 11 positions, 5 - 30 degrees
Console Adjust Range	Tilt: -20 degrees (down), +50 degrees (up) Slew: 5 degrees (in), 10 degrees (out) Slide: +/-1.97" [50 mm]
Backrest Recline	<i>Actimo Seat</i> 80 degrees 46 degrees with 4-point retractable harness
Seat Cushion Adjust Range	<i>Actimo Seat</i> Depth: 2.4" [60 mm] in 5 increments forward Tilt: 3-11 degrees in 4 increments
Headrest Adjust Range	<i>Actimo Seat</i> Height adjustment: 3.5" [90mm] Tilt: 38 degrees
Under Chair Cable Clearance	6" [152.4 mm] Min
Additional Specifications	Reference product literature for additional specifications and options

Technical Drawings

Dimensional



Merritt Synergy dimensions



Merritt Synergy dimensions continued

Diagram illustrating the adjustable features and dimensions of the Ergonomic Office Chair:

- CONSOLE POSITION ADJUSTMENT
- SEAT POSITION ADJUSTMENT (20°)
- SEAT AND CONSOLE POSITION ADJUSTMENT (30°, 5°, 50°)
- PNEUMATIC SUSPENSION SEAT HEIGHT ADJUSTMENT
- ADJUSTABLE FOOTREST (OPTIONAL)
- BALL BEARING ROTATING SYSTEM (ROTATION 270° MAX)

Technical drawings of the front and rear views of the 12.1 inch LCD panel for the HP 1210. The front view (left) shows a rectangular panel with a large central display area and a smaller rectangular cutout at the top. The rear view (right) shows the back of the panel with various mounting holes and dimensions. Dimensions are provided in inches and millimeters.

**Front View Dimensions (Left):**

- Top edge: 0.00" [0], 1.70" [44], 2.24" [58], 9.94" [255]
- Left edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Right edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Bottom edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Internal dimensions: 3.84" [98], 8.84" [225], 2.70" [69], 2.24" [58], 9.94" [255]

**Rear View Dimensions (Right):**

- Top edge: 0.00" [0], 2.60" [66], 8.90" [226], 9.94" [255]
- Left edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Right edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Bottom edge: 0.00" [0], 3.00" [76], 1.98" [50], 7.23" [184], 9.83" [250], 12.00" [305], 14.35" [364], 18.30" [465], 19.13" [488], 21.50" [546], 23.80" [605]
- Internal dimensions: 3.84" [98], 8.84" [225], 2.70" [69], 2.24" [58], 9.94" [255]

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## 6

Mounting

