MERRITT ULTRA

The Merritt Ultra (formerly SV1C) consists of a rigid, heavy duty construction and oversized consoles to house a multitude of joysticks, controllers, and pilot devices. The heavy duty operator chair system also features a range of manual seat adjustments for positioning flexibility.

SPECIFICATIONS

GENERAL DATA

Unique Features	- Highly rugged design - Oversized consoles for large number of devices
Console Width	9", 12.5", 13.5" or 15" Forward sloping consoles also available in 13.5" and 15" sizes
Max Number of Devices	*9" Console* Up to 13 devices and 1 joystick *12.5" Console* Up to 24 devices and 1 joystick or 22 devices and 2 (1-axis) joysticks *13.5" Console* Up to 27 devices and 1 joystick or 23 devices and 2 joysticks *15" Console* Up to 33 devices and 1 joystick or 31 devices and 2 joysticks
Seat Options	Actimo Seat (Velour or Vinyl) *Options* - Armrests with tilt and height adjustments - 2-point retractable seat belt - 4-point shoulder harness - Operator presence switch
Suspension Options	*Mechanical Suspensions* - 3 Step (weight up to 285 lbs) - Heavy Duty (weight up to 400 lbs) *Pneumatic (Air) Suspensions* - Standard (weight up to 330 lbs) - Wide (weight up to 375 lbs) - Heavy Duty (weight up to 485 lbs)
Armrest Type	Console mounted armrests with height adjustment.
Footrest Option	- 2-piece fixed footrest - 1-piece (platform-style) fixed footrest
Est. Shipping Weight	490 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	Optional
Consoles Tilt	×
Consoles - Slew In/Out	×
Armrests - Height	✓
Armrests - Tilt	×
Armrests - Slide Forward / Backward	×
Seat - Slide Forward / Backward	✓
Seat - Recline	✓
Seat - Lumbar	✓
Footrest - Height / Tilt	×

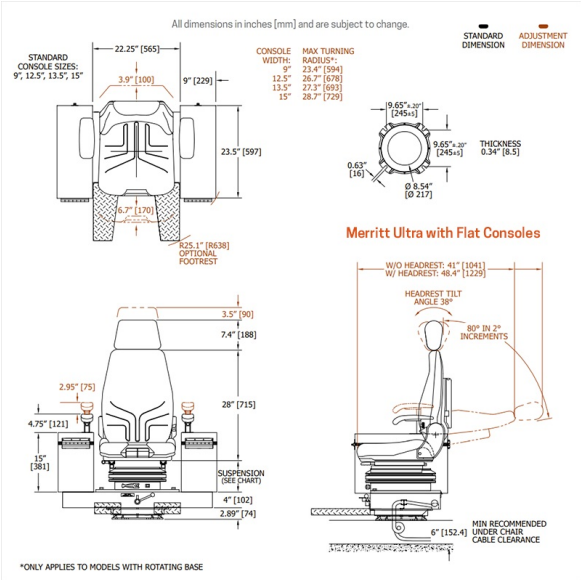
TECHNICAL DATA

Rotation Optional	270 degrees max with pin lock or friction brake *Pin Lock* 4 locking positions (every 90 degrees). Positions can be customized to your specifications. *Friction Brake* System holds throughout +/- 135 degrees of travel.

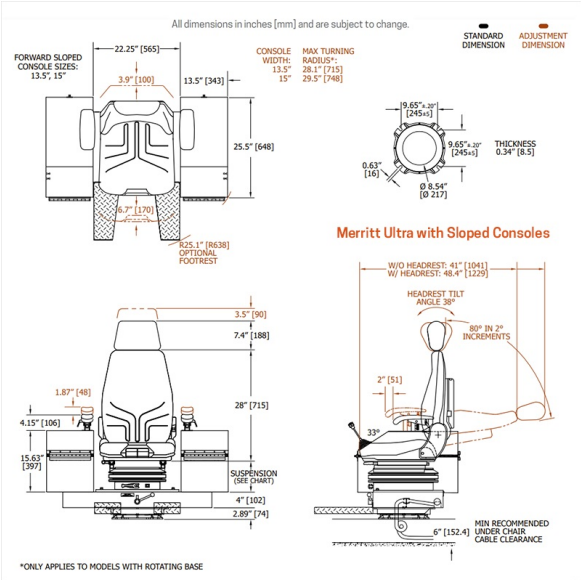
Max Turning Radius	*System with 9" Consoles* 23.4" [594 mm] *System with 12.5" Consoles* 26.7" [678 mm] *System with 13.5" Consoles* 27.3" [693 mm] *System with 13.5" Forward Sloped Consoles* 28.1" [715 mm] *System with 15" Consoles* 28.7" [729 mm] *System with 15" Forward Sloped Consoles* 29.5" [748 mm]
Slide Range	8" [203 mm] single seat slide range 16" [406 mm] dual seat slide range (optional)
Armrest Adjust Range	Height: 3.5" [75 mm]
Console Adjust Range	8" [203 mm] console slide range (optional)
Backrest Recline	*Actimo Seat* 80 degrees 46 degrees with 4-point shoulder harness
Seat Cushion Adjust Range	*Actimo Seat* Depth: 2.4" [60 mm] in 5 increments forward Tilt: 3-11 degrees in 4 increments
Headrest Adjust Range	*Actimo Seat* 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

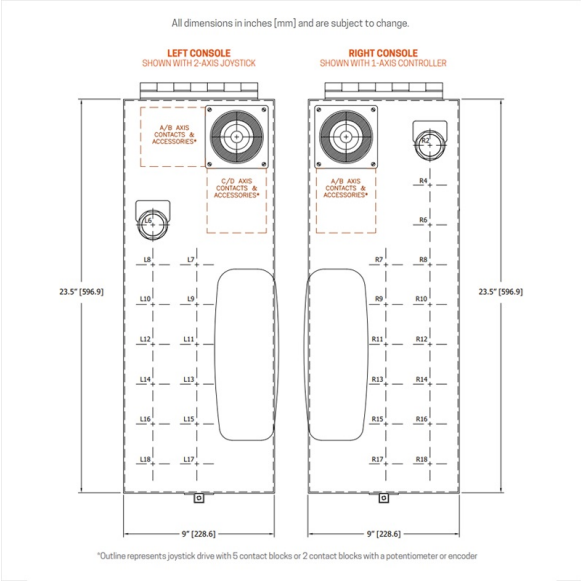
Dimensional



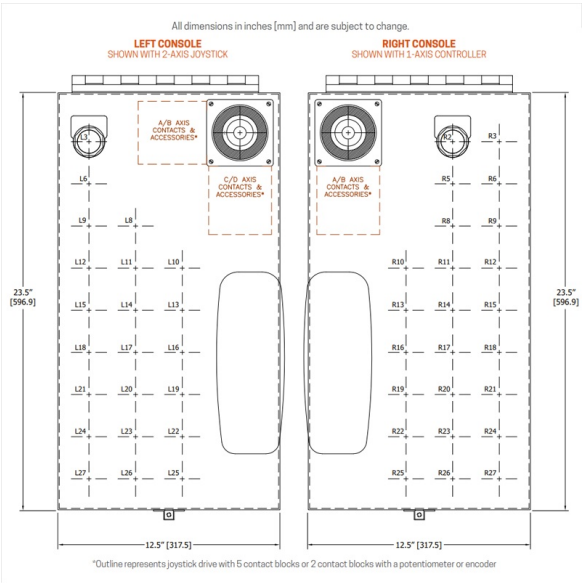
Flat console model dimensions



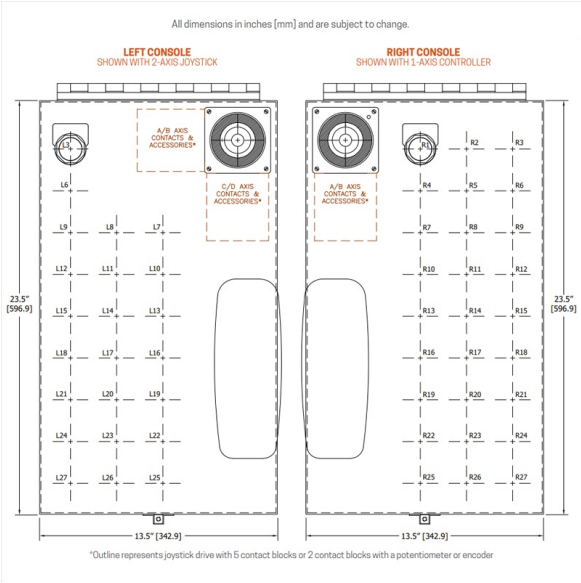
Sloped console model dimensions



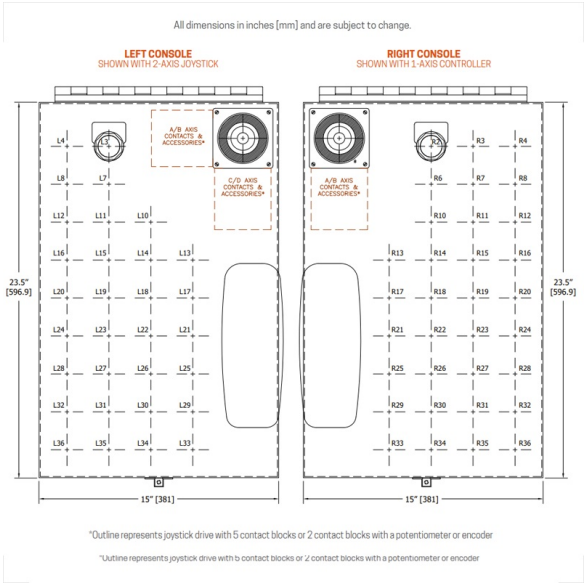
9 inch console standard layout



12.5 inch console standard layout



13.5 inch console standard layout



15 inch console standard layout