MERRITT SELECT OPERATOR CHAIR SYSTEMS

FORMERLY FSA/FSAD & LRC/LFC

The industry standard for cranes and a range of cab-operated equipment, the MERRITT SELECT operator chair system offers a balance of adjustments and ruggedness in a field proven design.

FEATURES

- Rotating or fixed base with fixed, customizable consoles
- Heavy-duty steel construction with black powder coat finish
- Dual seat and console slide system that allows the consoles and seat to slide together or individually
- Tilt, vertical and horizontal adjustable armrests
- Mechanical or pneumatic suspension

OVERVIEW

ADJUSTABILITY
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SEAT ADD-ONS

FOOT RESTS & FLOOR SLIDES

FOOT RESTS
FOOT PEDALS
FLOOR SLIDES

SUSPENSION

SUSPENSION OPTIONS

CONSOLES

CONSOLE SIZES
CONSOLE OPTIONS

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DIMENSIONS
CONSOLE LAYOUTS
**ADJUSTABILITY**

1. **CONSOLES**
   Optional flip-up consoles for simplified seat entrance in smaller cabs.

2. **SLIDE SYSTEM**
   Dual seat and console slide system allows the consoles & seat to slide together or the seat to slide independently of the consoles.

3. **ROTATION**
   Optional system rotation up to 270°. Available with pin lock or friction brake locking mechanism.

4. **HEADREST**
   Features height & tilt adjustment.

5. **BACKREST**
   Seat backrest reclines backward & collapses forward.

6. **ARMRESTS**
   Features tilt, vertical, & horizontal adjustments for operator comfort.

7. **SUSPENSION**
   Mechanical or pneumatic options available with height, weight compensation, & shock absorption adjustments.
BASE OPTIONS

ROTATING BASE
Entire system rotates up to 270°

OR

FIXED BASE
Fixed system with no rotation

ROTATING BASE TYPE

STANDARD
Accommodates up to 150 terminal blocks

OR

FRICTION BRAKE
System holds throughout +/- 135° of travel.

OR

PIN LOCK
4 locking positions (every 90°). Positions can be customized to your specifications.

FIXED BASE TYPE

STANDARD
Accommodates up to 55 terminal blocks

OR

ROUND
Accommodates up to 150 terminal blocks

Standard rotating base with pin lock rotation

BASE

JRMERRITT.COM | 1-800-333-5762
# Suspension

## Mechanical

<table>
<thead>
<tr>
<th>Mechanical Suspension Features</th>
<th>4-Step W/ Lift Assist</th>
<th>Heavy Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Mechanical weight adjustment (up to 309 or 400 lbs).</td>
<td>PART #: 70.312</td>
<td>PART #: 70.565</td>
</tr>
<tr>
<td>- Height adjustment of 3.2 in [80 mm] in 4 increments (4-step model only).</td>
<td>WEIGHT UP TO 309 LB [140 KG]</td>
<td>WEIGHT UP TO 400 LB [180 KG]</td>
</tr>
</tbody>
</table>

## Pneumatic (Air)

<table>
<thead>
<tr>
<th>Pneumatic Suspension Features</th>
<th>Standard</th>
<th>Wide</th>
<th>Heavy Duty</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Automatic weight adjustment and positioning system that eliminates the process of manually setting the seat to the operator’s weight.</td>
<td>12V PART #: 07.803</td>
<td>24V PART #: 70.327</td>
<td>24V PART #: 70.465</td>
</tr>
<tr>
<td>- Adjustable shock absorption level that is ideal for machinery with rugged operations and/or conditions.</td>
<td>24V PART #: 07.861</td>
<td>WEIGHT UP TO 375 LB [170 KG]</td>
<td>WEIGHT UP TO 485 LB [220 KG]</td>
</tr>
<tr>
<td>- Fore / aft isolator that reduces jolts / vibration and allows horizontal shock absorption.</td>
<td></td>
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</tbody>
</table>

Weight up to 330 lb [150 kg] OR 375 lb [170 kg] OR 485 lb [220 kg]

Specifications and weights are subject to change.
# SEATING

## ACTIMO SEAT

### STANDARD FEATURES
- Ultra-tough velour or vinyl upholstery
- High backrest for optimum back and side support
- Contoured cushion design for increased comfort
- Field replaceable cushions (backrest and seat)
- Document pouch

### ADJUSTMENT FEATURES

#### BACKREST RECLINE & COLLAPSE
Features 80° backrest recline adjustable in 2° increments & the ability to fold forward for transportation and service.

#### LUMBAR SUPPORT
Mechanically controlled lumbar support that adjusts the curvature & height of the backrest cushion.

#### HORIZONTAL SEAT SLIDE
8" of horizontal forward & backward seat movement independent of the system’s consoles.

#### SEAT CUSHION DEPTH & TILT
Adjusts forward 2.4" in 5 increments. Also tilts 3° - 11° in 4 increments to reduce thigh pressure.

### SEAT OPTIONS

#### ADJUSTABLE HEADREST
- (VELOUR) PART #: 07.693
- (VINYL) PART #: 07.964

#### LAP SEAT BELT
PART #: 12.020

#### OPERATOR PRESENCE SWITCH
- (12V) PART #: 70.245
- (24V) PART #: 70.244

#### LAP SEAT BELT WITH ELECTRICAL CONTACT
PART #: 12.015

4-point retractable harness also available.

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CONSOLES WIDTH

<table>
<thead>
<tr>
<th>Width</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>Allows for 5 devices &amp; 1 joystick</td>
</tr>
<tr>
<td>9&quot;</td>
<td>Allows for 11 devices &amp; 1 joystick or 8 devices &amp; 2 (1-axis) joysticks</td>
</tr>
<tr>
<td>12&quot;</td>
<td>Allows for 19 devices &amp; 1 joystick or 15 devices &amp; 2 joysticks</td>
</tr>
</tbody>
</table>

CONSOLES OPTIONS

**JOYSTICKS & CONTROLLERS**
- Multi-Axis Joysticks
- Single Axis Controllers
- Rotary Switches
See the full range at [jrmerritt.com](http://jrmerritt.com)

**30.5 MM* PILOT DEVICES**
- Push Buttons
- Illuminated Push Buttons
- E-Stops
- Selector Switches
- Indicator Lights
- Alarms / Buzzers

*22 mm pilot devices available upon request

**FLIP-UP CONSOLES**
Allows for easy seat access where space is limited

**CUP HOLDERS**
Console mounted cup holder on left and / or right console

**LOUVERS**
Plastic louver for console ventilation

**STAINLESS COVERS**
Stainless steel console covers for marine applications
# FOOT & FLOOR SLIDES

## FOOTRESTS

<table>
<thead>
<tr>
<th>2-piece fixed foot rest shown</th>
<th>2-Piece Fixed</th>
<th>1-Piece Fixed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Two diamond plate, fixed footrests that rotate with system</td>
<td>Platform-style, diamond plate footrest that rotates with system</td>
<td></td>
</tr>
</tbody>
</table>

## FOOT PEDALS

J.R. Merritt heavy-duty foot pedals are designed with rugged, sealed construction, and are suitable for precise control in high duty cycle applications.

**Available in:**
- Proportional
- Step
- On/Off

<table>
<thead>
<tr>
<th><strong>FP1</strong></th>
<th><strong>FP7</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Step or proportional control. Learn more at jrmerritt.com</td>
<td>On/off control. Learn more at jrmerritt.com</td>
</tr>
</tbody>
</table>

## FLOOR SLIDES

Floor slides can optimize installation space and provide improved usability for various operational tasks. J.R. Merritt Controls floor slides are stainless steel and feature quick release adjustment that allow for slide operation while seated.

**Standard features:**
- 24” of slide travel*
- 24VDC solenoid lock

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*Custom length floor slides available upon request

**24” (STANDARD)**
Floor slide with 24” travel and 24VDC solenoid lock

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Specifications are subject to change.
**SPECIFICATIONS**

**DIMENSIONS | MERRITT SELECT WITH ROTATING BASE**

<table>
<thead>
<tr>
<th>Suspension</th>
<th>1st Position</th>
<th>2nd Position</th>
<th>3rd Position</th>
<th>4th Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-Step Mechanical</td>
<td>6” [153]</td>
<td>7.2” [183]</td>
<td>8.4” [213]</td>
<td>9.2” [233]</td>
</tr>
<tr>
<td>Heavy Duty Mechanical</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Pneumatic (Air)</td>
<td></td>
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*OPTIONAL FLIP UP CONSOLES: 8.25" [209.6]

Suspension dimensions are subject to weight compensation adjustment. The above specifications are a generic representation of a custom built product and are for sales clarification only. Contact us if dimensions are critical or if a certified drawing is required.

All dimensions in inches [mm] and are subject to change.
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<td>9.2” [233]</td>
</tr>
<tr>
<td>Heavy Duty Mechanical</td>
<td>11” [279.4]</td>
<td>fixed height</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pneumatic (Air)</td>
<td></td>
<td></td>
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All dimensions in inches [mm] and are subject to change.
A/B outline represents joystick drive with 1 contact block

C/D outline represents joystick drive 5 contact blocks or 2 contact blocks with a potentiometer or encoder.

*All dimensions in inches [mm] and are subject to change.
9” CONSOLE

LEFT CONSOLE
SHOWN WITH 2-AXIS JOYSTICK

RIGHT CONSOLE
SHOWN WITH 1-AXIS CONTROLLER

*Outline represents joystick drive with 5 contact blocks or 2 contact blocks with a potentiometer or encoder

All dimensions in inches [mm] and are subject to change.
12” CONSOLE

LEFT CONSOLE
SHOWN WITH 2-AXIS JOYSTICK

RIGHT CONSOLE
SHOWN WITH 1-AXIS CONTROLLER

*Outline represents joystick drive with 5 contact blocks or 2 contact blocks with a potentiometer or encoder

All dimensions in inches [mm] and are subject to change.