

HFC-100

Fixed or Rotating Operator Armchair System

HFC-100 4.92" wide consoles, non-rotating
HRC-100 4.92" wide consoles, rotating

Construction:

The **HFC-100 & HRC-100** is a compact seating system that allows integration of seat and controls. The consoles can be populated with a variety of J.R. Merritt compact, low cost, rugged controllers along with additional pushbuttons and pilot devices. The narrow consoles are suited for tight workspaces and configured with access panels to accommodate hydraulic and electrical joysticks. The many standard features and options make this a very versatile system allowing for a large range of applications to be accommodated. This seating system is very popular in the mobile equipment industry.

Application:

Commonly used in narrow cabs in excavator shovels, forestry equipment, tower cranes, drills, and maintenance of way equipment.

Features:

- Full body, contoured Grammer Actimo seat
- Ultra tough nylon velour upholstery
- Adjustable backrest, fore and aft
- Mechanically adjustable lumbar support
- Seat cushion tilt and fore/aft adjustments
- Dual seat and console slide system allows the consoles and seat to slide together or the seat to slide independently of the consoles
- Mechanical 3-step suspension: Full hydraulic and spring dampened system with "Dial In" weight compensation and incremental height adjustment
- Flip up, vertical adjustable armrests.
- Metal consoles – Left console flips back for operator accessibility and includes power disconnect microswitch for safety
- Heavy-duty steel construction with a powder coat finish

Options:

- Vinyl upholstery
- Adjustable headrest
- Document pouch
- Seat belt
- Without Suspension
- Mechanical 4-step suspension – 309 lb [140 kg] – 3.2" [80 mm] of height adjustment in 4 increments
- Pneumatic suspension
- 7" fixed open riser
- 7" electrical riser/junction box
- ± 90° bushing rotator lockable in 10° increments
- Floor slide for 24" total travel fore and aft or laterally



Model HFC-100 Shown with optional XL-VNSO joysticks and open riser.

For detailed information about the seat's benefits, features, and options see Actimo literature.

J.R. MERRITT 
CONTROLS, INC. 

Stratford, CT • 1-800-333-JRMC • www.jrmerritt.com

HFC-100

Part Number Listing

Standard Configurations:

- 07.955** HFC-100 Control Carrier chair with 5" wide metal consoles, 3" seat slide range, 8" seat and console slide range, **standard 3-step, 110 – 287 lb [50 – 130 kg] mechanical suspension**, seat mounted armrests, **velour upholstery**
- 07.960** HFC-100 Control Carrier chair with 5" wide metal consoles, 3" seat slide range, 8" seat and console slide range, **optional 4-step, 110 – 309 lb [50 – 140 kg] mechanical suspension**, seat mounted armrests, **velour upholstery**
- 07.964** HFC-100 Control Carrier chair with 5" wide metal consoles, 3" seat slide range, 8" seat and console slide range, **standard 3-step, 110 – 287 lb [50 – 130 kg] mechanical suspension**, seat mounted armrests, optional **vinyl upholstery**
- 07.967** HFC-100 Control Carrier chair with 5" wide metal consoles, 3" seat slide range, 8" seat and console slide range, **optional 4-step, 110 – 309 lb [50 – 140 kg] mechanical suspension**, seat mounted armrests, optional **vinyl upholstery**

Options:

- 70.230** Kit, rotator, 3-step suspension, $\pm 90^\circ$ rotation, lockable 5°
- 70.229** Kit, rotator, 4 step and pneumatic suspension, $\pm 90^\circ$ rotation lockable 5°

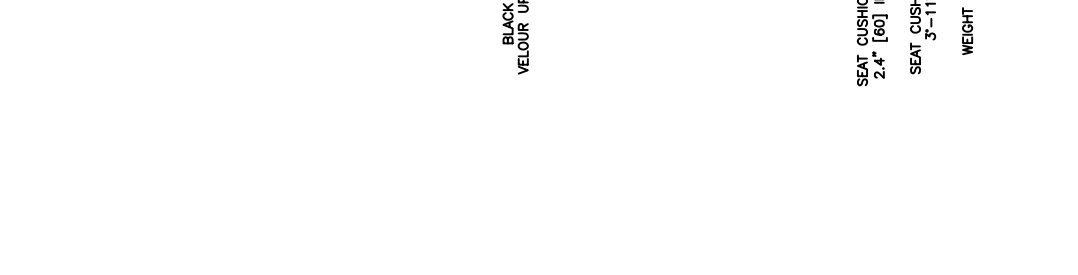
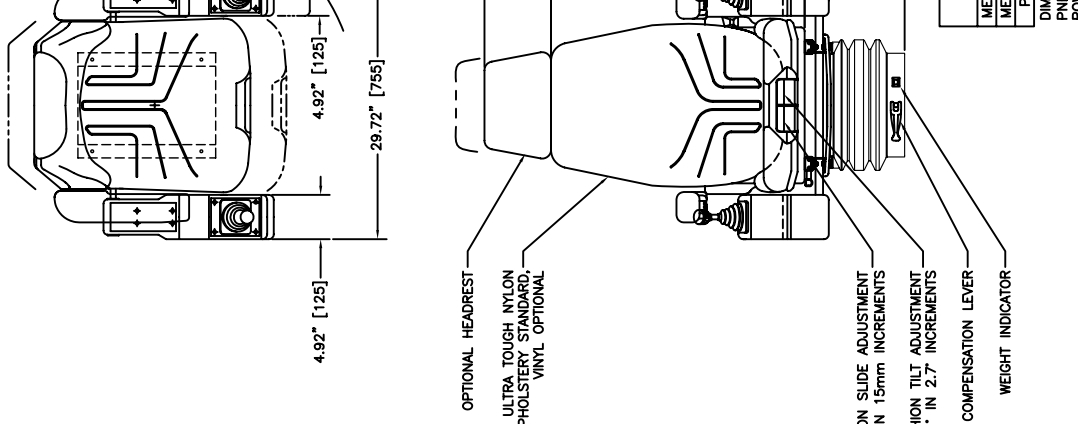
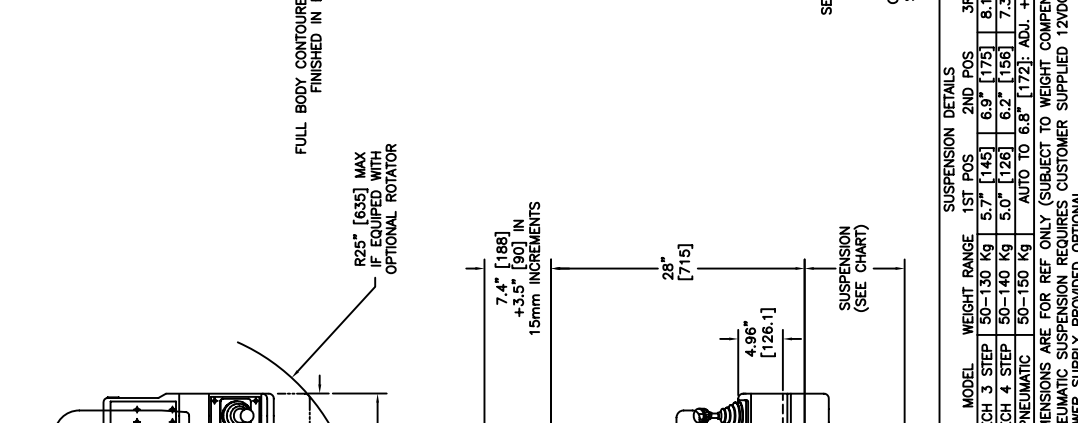
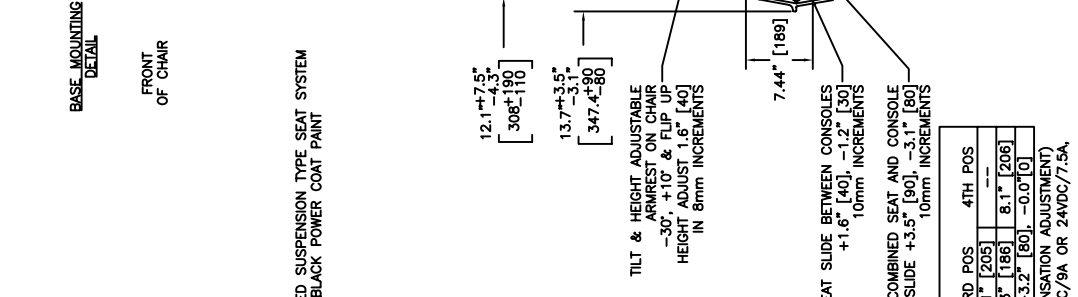
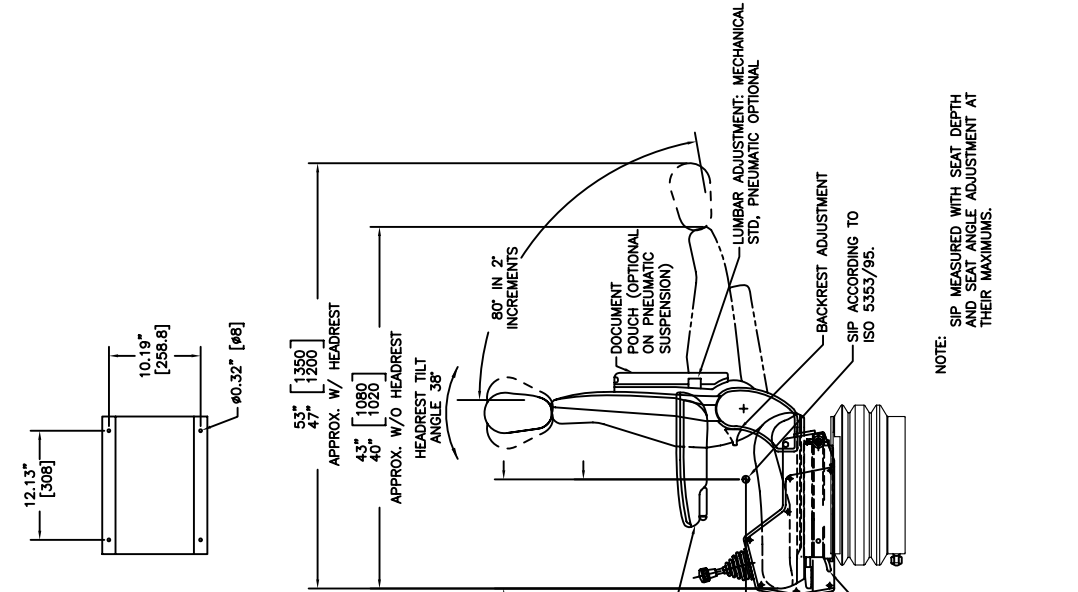
- 07.284** 7" fixed open riser

- 07.693** Adjustable velour headrest
- 07.694** Adjustable vinyl headrest

- 07.394** Static lap belt
- 07.938** Document pouch

- 07.013** Joystick adapter plate for VCSO and VCS2
- 07.014** Joystick adapter plate for VNSO and XL-VNSO
- 07.016** Joystick adapter plate for CS1
- 07.017** Joystick adapter plate for PRO-4
- 07.018** Joystick adapter plate for PRO-5

This document is for sales clarification only. Some options may not be drawn to scale. This is a generic representation of a custom built product. Design and dimensions are subject to change to as built. Please consult factory if dimensions are critical or if a certified drawing is required.



NOTE: SIP MEASURED WITH SEAT DEPTH AND SEAT ANGLE ADJUSTMENT AT THEIR MAXIMUMS.

REV	DATE	BY	APP	DESCRIPTION
01	12/09/02	KY		N/A ADDED TURNING RADIUS
02	04/24/03	TM		ADDED SIP POINT AND UPDATED SLIDE RANGE
03	10/05/10	KY	DB	REVISED TO CURRENT STANDARDS
04	11/29/10	KY	GAR	ADDED 'OPTIONAL' NOTE TO DOCUMENT POUCH

SCALE	1:14	CUSTOMER	J.R. MERRITT CONTROLS, INC.
DRAWN	KY	DATE	08/26/02
CHECKED	DB	DATE	10/07/10
APPROVED		DATE	
QUOTE #		JOB #	
REFERENCE #			
DESCRIPTION: HFC-100 APPROX DIMENSIONS			
DRAWING # B61.101.5414.1 OF 1.04			