

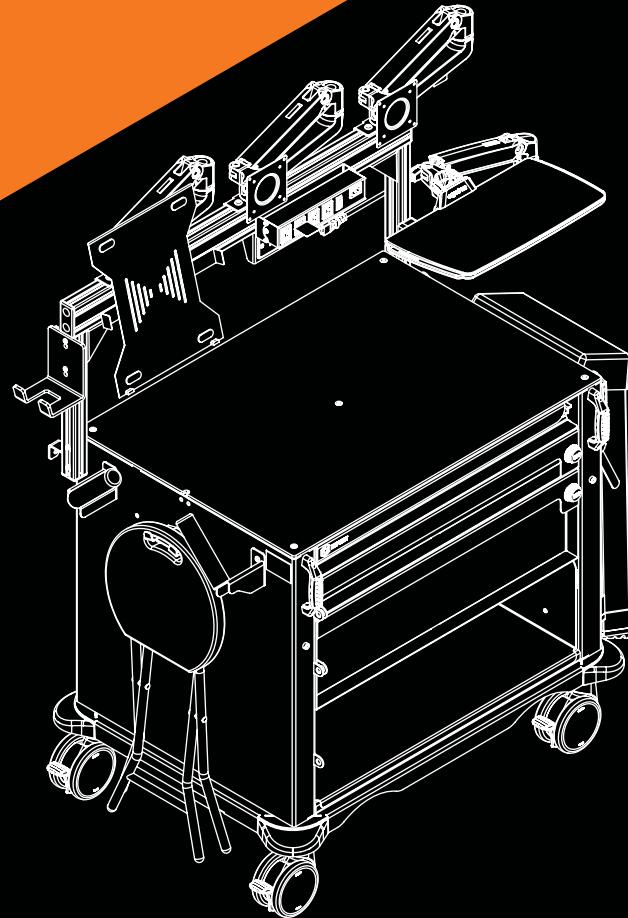
DATA CENTER

Crash Cart

User Manual: Operation and Service



SERIAL NUMBER



WEBSITE
www.phswest.com



24/7 PHONE NUMBER
+1.763.498.7576



ADDRESS
6704 Bleck Drive
Rockford, MN 55373

Liability Statement

This product, the Data Center Crash Cart, has been built to the highest standards of PHS West. Please do not attempt to operate or repair this equipment without adequate training. Any use, operation, or repair in contravention of this document is at your own risk. By acceptance of this system, you hereby assume all liability consequent to your use or misuse of this equipment. PHS West assumes no liability for incidental, special, or consequential damage of any kind. PHS West reserves the right to make equipment or product specification changes at any time. This manual, and all information contained within it, are subject to revision at a future date.

End of Life Statement

Your PHS West Motorized Cart has been designed to provide years of reliable and trouble free service, but at some point in time, it may be necessary to retire the system from service. To protect the environment, the following requirements should be considered and followed:

- This PHS West Data Center Crash Cart is primarily constructed from steel and contains no hazardous materials (with the exception of the batteries). This equipment has an electrical control panel that must be removed from the system and disposed of according to country, regional and local requirements.
- The PHS West Data Center Crash Cart is considered mobile industrial equipment as stated in Category 6 in Annex 1A of the European Waste of Electrical and Electronic Equipment (EU WEEE) Directive 2012/19/EU. As of 2014, this directive could change in the future and the directive should be reviewed for any future changes.
- Included in the PHS West Data Center Crash Cart are components manufactured by others. Their retirement and disposal are covered in the individual equipment technical manuals listed in the PHS West manual if applicable.

Proprietary Notice

All drawings and information herein are the property of PHS West. All unauthorized use and reproduction is prohibited.

Trademark Acknowledgments

All product names and trademarks are the property of their respective owners.

Revision Log

Revision Level	Date	Affected Pages	Description of Change
-	11/6/2024	All	Release
A	12/31/2025	All	Branding



Introduction

For an understanding of efficient and safe operation of your PHS West Data Center Crash Cart, it is important to read this manual.

If you have any questions, please call the PHS West 24/7 technical support hot-line at 01-1-763-498-7576 or 1-888-639-5438.

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Safety

Document Symbol Conventions

It is important that you read and understand this manual. The information contained within relates to protecting your safety and preventing problems. The symbols below are used to help you recognize this information.

Symbol	Description
	DANGER! Indicates a potentially hazardous situation which, if not avoided, will result in death or serious injury
	WARNING! Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury
	CAUTION! Indicates a potentially hazardous situation which, if not avoided, could result in minor or moderate injury
	NOTICE: Indicates a potential situation which, if not avoided, can result in property damage or damage to the equipment
	Note: Indicates information, notes, or tips for improving your success using the equipment

WARNING!

Prevent materials that are not a matching plug or socket from entering power strips to prevent injury from electrical shock.

CAUTION!

- This product contains pinch points.
- Secure accessories before moving the cart.
- Close the worksurface and all drawers before moving the cart.



Figure 1: Handle Location

Operation

- Use the round handlebars to move the cart.
- Use the black handles to adjust the cart position while not in a traverse position.

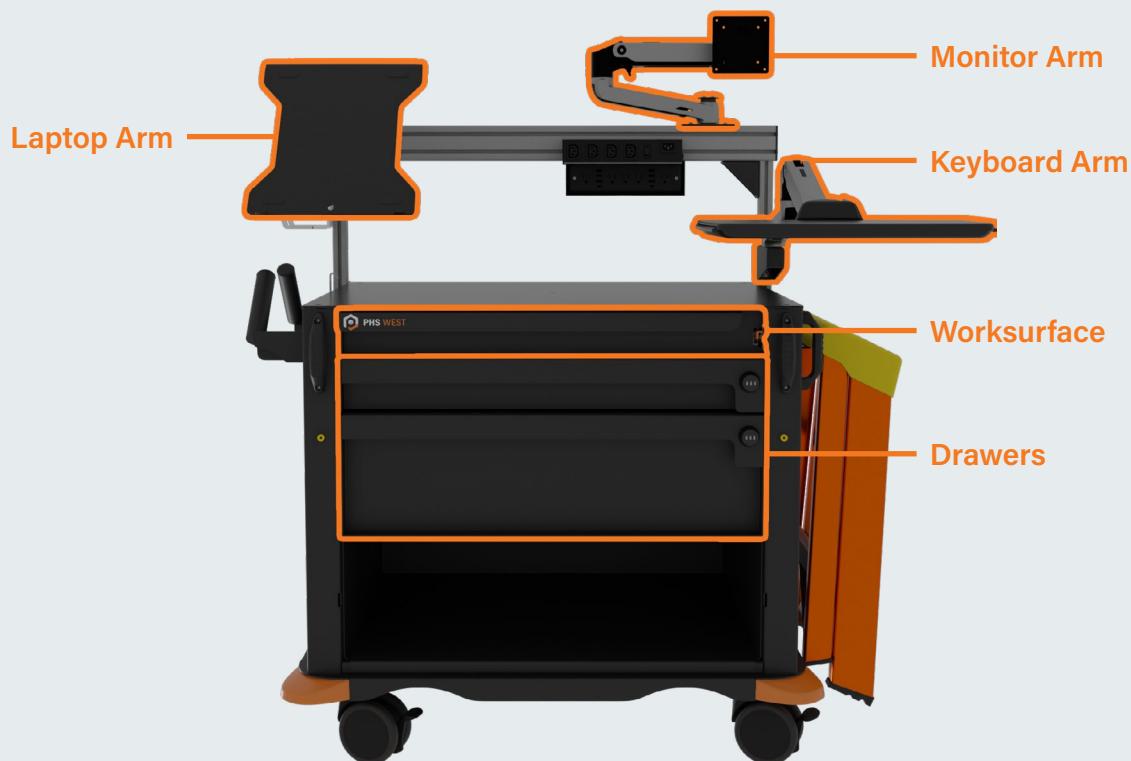


Figure 2: Storage and Accessories

Adjusting Articulating Arm Resistance

To adjust joint tension, locate the set screw on the back of the arm joint. Use a 2.5mm Allen wrench to adjust the set screw to the desired resistance. This applies to:

- Monitor arms
- Laptop arms
- Keyboard tray arms

Drawers

The slides are intended to retain the drawers while the cart is in transit. It may require a firm pull to open.

Pull-Out Worksurface

Depress the yellow tab and use the handle lip to extend or retract the worksurface.



Figure 3: Pull-Out Worksurface Operation (Left to Right: Tab Location, Opening, Closing)

Resetting the Combination Locks

1. Rotate the dials to the current lock code. The combination is factory set to 0-0-0.
2. Rotate the face of the lock cam to unlock. Locate the code reset button.
3. Hold the code reset button in with a paper clip.
4. Set your new combination by turning the dials.
5. Release the code reset button to set the updated combination.
6. To lock, rotate the face of the lock cam into locked position and rotate one or more dials.

If desired, the lock can be installed with a non-resetting combination.

1. Take off the screw to the cam. Remove the cam and "stop cam."
2. Rotate the cylinder 180°. Put the "stop cam" and cam back on.

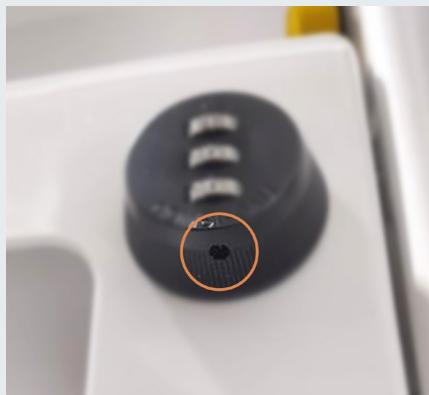


Figure 4: Code Reset Button

Caster Locks

- **Up:** Directional lock in line with the cart.
- **Middle:** Unlocked, full swivel casters.
- **Down:** Locked in position with wheel brakes.

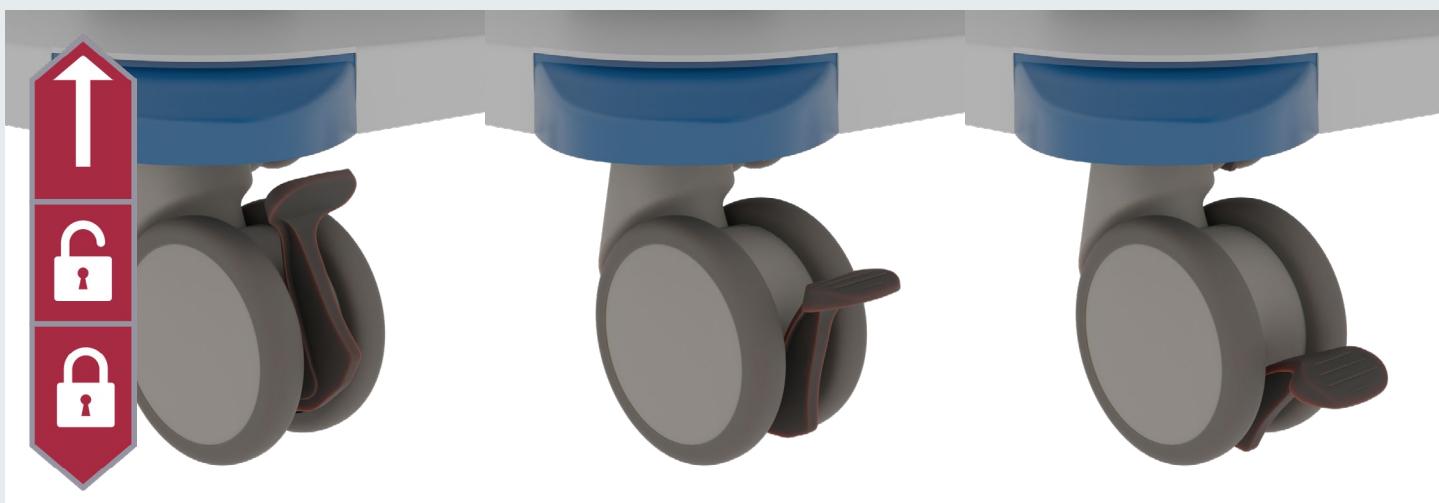
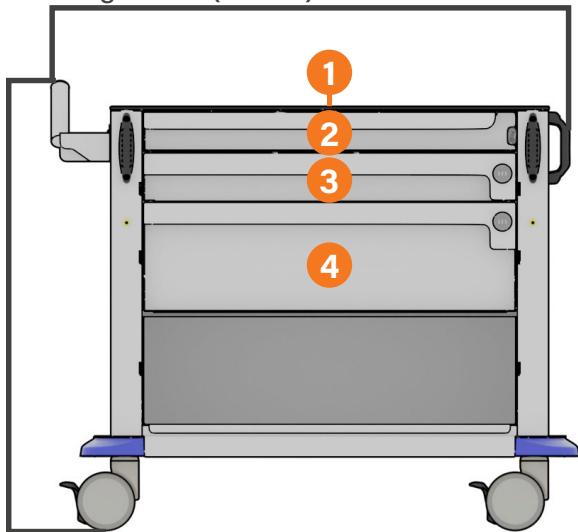


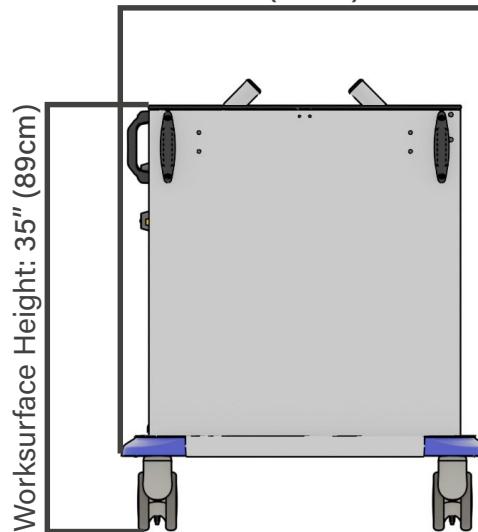
Figure 5: Caster Locks (Left to Right: Directional Lock, Unlocked, Locked)

Specifications

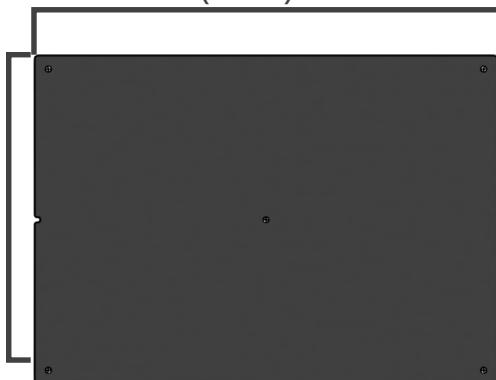
Length: 42" (107cm)



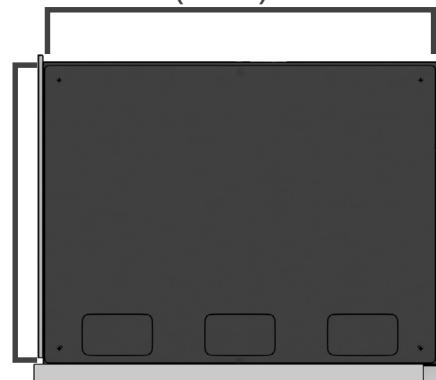
Width: 29" (73cm)



Width: 25" (64cm)

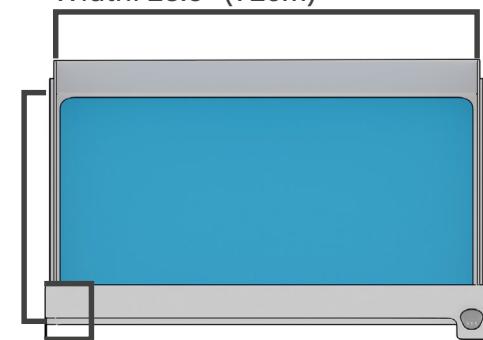


Width: 22" (56cm)



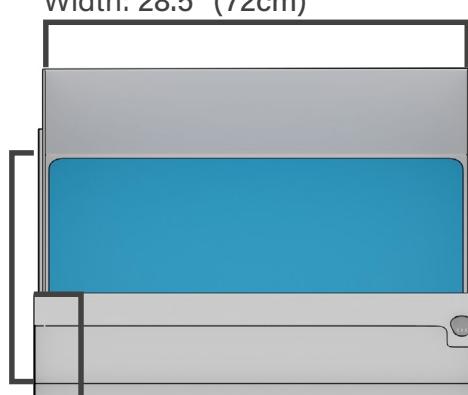
1 TOP WORKSURFACE

Width: 28.5" (72cm)



3 TOOL DRAWER

Width: 28.5" (72cm)



4 LARGE DRAWER

Double Swivel Casters

- Swivel Radius: 5.2" (132mm)
- Wheel Ø 4.9" (125mm)
- Wheel Width: .79" (20mm)
- Offset: 1.6" (40mm)
- Spring Loaded Directional Lock: 2x180°
- Wheel Hardness: 94 shore A
- Weight: 2.4lb (1,088g)
- Fork Color: RAL 7004 - Signal Grey
- Wheel Hub Color: RAL 7004 - Signal Grey
- Lock Color: RAL 9011 - Graphite Black
- Materials: Housing made of polyamide, wheels made with non-marking polyurethane.
- Conductive
- Recommended Cleaning Process: The product can be regularly and thoroughly cleaned using wipe disinfectants without restriction.

- Mounting Height: 6.06" (154mm)
- Mounting Plate Dimensions: 77mmx67mm
 - Screw-on plate in the direction of travel.
- Dynamic Load Capacity: 243lb (110kg)
- Static Load Capacity: 728lb (330kg)
- Article Number: 4.TNC0.DPC0
- GTIN/EAN: 4251984311927
- CTN: 83022000
- Compliance: RoHS, REACH
- Standards: DIN EN 12530, DIN EN 12528



Figure 6: Casters

Part	Specifications
Data Center Crash Cart	<ul style="list-style-type: none"> Product Weight: 325lb Maximum Weight with All Accessories: 430lb Caster Weight Capacity: 450lb ANSI/ESD S20.20-2021 Compliant (See Figure 7 for Jack Locations)
Drawers	<ul style="list-style-type: none"> Weight Capacity: 250lb (per drawer)
Stool	<ul style="list-style-type: none"> Weight Capacity: 330lb
Step Ladder	<ul style="list-style-type: none"> Weight Capacity: 300lb Maximum Height: 2'
NEMA Power Strip	<ul style="list-style-type: none"> Output: 1500W from 12A at 125V Surge Protection: 1200 J (6) USB-A Port: QC 3.0 18W Maximum (2) USB-C Port: PD 3.0 20Q Maximum (5) AC Ports: NEMA 5-15R
C13/C14 Power Strip	<ul style="list-style-type: none"> Output: 10A at 125V Circuit Breaker Inlet: (1) IEC 320-C14 Outlet: (4) IEC 320-C13

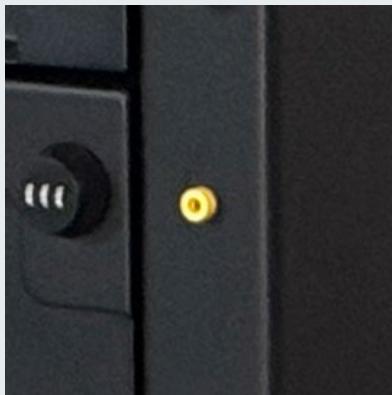


Figure 7: ESD Jack Locations

Troubleshooting

These are a few simple fixes to common issues.

- Cart Immobility:** Lock and unlock all casters.
- Stuck Drawers:** Check all of the locks.
- Stuck Worksurface:** Depress the yellow tab while both pushing and pulling the worksurface.

Warranty

PHS West offers full replacement of defective components or components damaged during intended use for up to three years. Call the PHS West technical support team at +1-763-498-7576.

Notes