

Receiving & operator review

USPE-HCL10 hand-crank cadaver lift. Original USPE wording with a controlled specification basis; not a released substitute for unit-specific operator instructions.

RELEASE HOLD: Confirm supplied chassis identity, serial label, approved load chart and operator instructions. Current published lift specifications and the legacy M677 manual do not describe the same rating set.^{1,2}

Published base-lift specifications

Overall length	62 in
Overall width	31.3 in
Overall height	76 in
Standard fork length	28 in
Fork assembly width	21.5 in
Load center	14 in
Minimum fork height	6 in
Maximum fork height, standard orientation	103 in
Maximum fork height, reversed forks	125 in
Published base-lift capacity	1,000 lb
Casters	Four 5 in lockable polyurethane casters
Frame and forks	Steel
Tower	Aluminum
Controls	Full metal hand crank; removable handles

Values above follow the current 2026 base-lift sheet.¹ They do not rate a modified attachment assembly. Overall height is not a published fully extended mast-clearance envelope.

1. https://www.mopec.com/wp-content/uploads/2026/02/JD710_SpecSheet.pdf

2. <https://www.manualslib.com/manual/3539903/Mortech-M677.html?page=9#manual>

Receiving & pre-use inspection

Review checklist for the actual supplied lift. Record the inspection and keep the equipment out of service if its identity or rating cannot be confirmed.

Identify the actual unit

Record USPE model, chassis model, serial number, supplied finish and date. Compare the rating plate, packing list, approved load chart, operator instructions and attachment schedule. Do not remove safety, capacity or serial labels.

Inspect before acceptance

Inspect the mast, forks, carriage, hand crank, cable path, visible pulleys, retaining devices, base, caster brakes and packaging for shipping damage. Photograph discrepancies and report them before use. Do not specify replacement parts from the legacy manual without a model match.

Verify the working area

Record deployed length and width, overhead clearance throughout travel, turning space, floor condition, doorway and receiving approach. The 62 × 31.3 × 76-inch overall dimensions alone do not establish operational clearance.¹

Confirm accessories independently

Record each attachment model and quantity, mounting hardware, retention system and approved combined-system rating. The current sheet requires its designated fork-extension arrangement for its hand-crank roller pallet and excludes the hydraulic pallet interfaces.¹ New USPE concepts need independent approval.

Release checklist

Inspector: _____ Date: _____

Unit / serial: _____

Approved instructions present: ____ Load chart present: ____

Attachment approval reference: _____

1. https://www.mopec.com/wp-content/uploads/2026/02/JD710_SpecSheet.pdf

Operator review & restrictions

Training outline only. Do not commission or operate this lift from this review document alone; approved instructions for the supplied chassis are required.

Training and access

Authorize trained operators under the site's handling and occupational-safety procedures. This is an equipment/load lift, not a personnel lift. Keep people clear of suspended loads and moving mechanisms; do not use a damaged or unidentified unit.²

Setup and load review

Use the supplied chassis instructions to deploy and lock the base, install the operating handles and set the required fork arrangement. Verify the floor and overhead envelope. Determine total lifted mass including attachments and apply the approved load-center chart and the lowest applicable component rating.

Lifting and lowering

Use only the unit-specific instructions for crank direction, brake setting, mast operation and controlled lowering. This guide intentionally supplies no assumed crank direction, turn count or brake-release sequence. Secure and balance the load under an approved handling procedure and monitor the load and clearances.

Transfer and movement

Use only the approved transfer-height and retention procedure for the accepted tray and attachment. Do not infer that elevated-load travel is permitted. Follow the supplied instructions for the permitted transport position and movement. Never leave a raised load unattended.

Fork reversal and extensions

Current published fork heights are 103 inches normally and 125 inches reversed.¹ Do not reverse forks or install extensions under load. Extension use changes load geometry; confirm engagement, retention and the applicable derated chart before operation. Do not use the legacy manual's 200 lb extension figure as this unit's rating.²

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2. <https://www.manualslib.com/manual/3539903/Mortech-M677.html?page=9#manual>

Maintenance & training record

Use the approved chassis maintenance schedule and approved service parts. This review document establishes no substitute service interval or maintenance specification.

Service control

Before each authorized use, complete the inspection required by the approved instructions. Isolate damaged equipment and record defects. Cable replacement, winch/brake service and structural repairs require qualified service under the approved chassis procedures; do not infer part interchangeability from appearance.

Cleaning and storage

Use the supplied materials-compatible cleaning and storage instructions and site infection-control procedure. Do not flood the winch, bearings or electrical weighing equipment. Unload and secure the unit in the approved storage configuration.

Maintenance record

Date _____ Unit / serial _____
Inspection / defect _____
Action / service reference _____
Technician _____ Return-to-service approval _____

Operator training record

Operator _____ Trainer _____
Approved manual revision _____
Load-chart training ____ Attachment training ____ Date _____
Site procedure reference _____

Evidence and unresolved differences

The current sheet identifies a 1,000 lb base lift with 76-inch overall height.¹ The supplied legacy M677 manual table instead covers 2112, 2118 and 2124 models, each with a 650 lb base rating and different height data.² Do not merge those values. The manufacturing entity and authorization for reference-photo use have not been independently established.

1. https://www.mopec.com/wp-content/uploads/2026/02/JD710_SpecSheet.pdf

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