

#257EM3950

# Equipment Mover



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**FOR YOUR SAFETY AND CORRECT OPERATION, PLEASE CAREFULLY READ THE MANUAL BEFORE USE.**

**NOTE:** All of the information reported herein is based on data available at the time of printing. The factory reserves the right to modify its own products at any time without notice or incurring in any sanction. Verify with the factory for possible updates.

## Application

This manual furniture mover has been developed for lifting and transporting cabinets and other large regular objects. For this reason, its supports are covered with foam rubber to protect the goods being transported from damage.

Since the hydraulic furniture mover consists of two units, rectangular objects of varying length can be moved using a minimum of space. Due to the weight of the cabinet on the platform, it will hold itself in position when the units are standing vertically and the frame of the platform is in contact with its sides. The securing strap must always be used and must be fastened correctly on both sides.

The steering handles have a full lock of 180°, meaning that goods can be transported in every direction. The platforms are raised by operating the lever of the pump; this lever must not be used for pulling or pushing the furniture mover. The platform is lowered by twisting the manual release valve of the compact hydraulic system counterclockwise. Great care must be taken when lowering the platform, since the speed depends on the aperture of the valve as well as the weight of the goods to be transported. Before pumping up the system to raise the platforms, the valve must be twisted clockwise and closed. If you operate properly, this hydraulic furniture mover will help you to move cabinets, furniture, etc. quickly and safely.

## Specifications

<b>Model</b>	257EM3950
<b>Weight Capacity (lb.)</b>	3,950 lb.
<b>Lifting Height (in.)</b>	9.84"
<b>Lifting Plate Size (in.)</b>	25.98" x 25.98"
<b>Net Weight (lb.)</b>	189.60 lb.

## Assembly Instructions

Remove the fork pin at the free end of the track rod, set the steering handles parallel to each other, and push the fork of the track rod over the arm of the steering handle. Then, replace the previously removed fork pin through the fork and arm and secure it with split ring. Repeat these steps to assemble the second unit.

## Precautions and Preparation

1. The floor must be absolutely level, smooth, and clean. There must be no inclines or slopes to be moved over. Make sure that the floor and the floor covering stand up to the loading imposed by the weight of the furniture being transported.
2. Check whether the cabinet or furniture to be transported contains any loose objects. These will have to be removed or secured.
3. Check whether the furniture is strong enough for the two opposite sides to take the weight of the piece via the transport units' platforms, and whether the upper supports of the transport units can hold the furniture to be transported without damaging it.

4. Find the weight of the furniture to be transported. The maximum load of 3,950 lb. for pair and 1,975 lb. for each unit must not be exceeded.
5. Find the center of gravity of the furniture to be transported. When in use, the height of the center of gravity must not exceed 31.50 inches. The distance of the transport units to one another must not be less than 19.69 inches and no more than 157.48 inches.
6. Never use this equipment for towing by a vehicle.

## Operation

Before use, the transport components should be checked for function and for any damage. If there are visible defects, the components should not be used. Damaged parts must be replaced.

Since the hydraulic furniture mover consists of two parts, it is necessary for two people to operate them. Before transporting cabinets, the platforms should be lowered to the floor until the transport units are standing vertically.

Push the platform of the units under the side faces (narrow faces) of the cabinet until the top and bottom of the transport platform frame are resting against it. The centers of the platform must be beneath the center of gravity of the cabinet.

Place the securing straps in position and tighten them. The straps will connect both units and, when used correctly, prevent them from slipping out of their position. The strap ends must be under direct tension. If necessary, an additional strap should be used for added support. This must be fed through the strap loops on the units.

However, the maximum overhang must not be more than 7.87 in. Pump up the platform about 1 cm, and carefully check whether the cabinet to be transported is stable and standing on the platforms. Adjust movers, cabinet, and/or straps as needed to ensure a secure load.

Both platforms must be raised at the same time and to the same amount. For the transport itself, the height off the floor must be a maximum of 2 cm only. When in use, only move the unit lengthwise. Avoid moving large items, such as cabinets, sideways, as there is a risk of the item tilting and falling over, which could lead to property damage and user injury.

The cabinet being transported must not be left unattended standing on the equipment; it must always be lowered onto the floor. The securing straps may only be opened when the cabinet being transported, or the platforms, is standing on the floor. Never use this equipment for towing by a vehicle.



## Care and Maintenance

This hydraulic furniture mover requires little care and maintenance, but this must be carried out regularly. Depending on its use, the spindles and gear wheels must be re-greased weekly or monthly.

Reference Number	Parts Name	Qty
1	Dust-Proof Cover	4
2	Cushion	2
3	Lock Nut M10	2
4	Woven Stripe	1
5	Screw M10×70	2
6	Lifting Frame	1
7	Cargo Lashings	1
8	Supporting Frame	1
9	Nylon Washer	2
10	Cylindrical Spring Pin 6×30	2
11	Handle Assembly	2
12	Hand Tube	1
13	Split Ring 9	2
14	Hydraulic Jack	1
15	Screw M6×20	2
16	Split Ring 8	2
17	Pin	1
18	Dust-Proof Ring	2
19	Bearing 8204	2
20	Supporting Rod	2
21	Screw M12×85	2
22	Washer 12	2
23	Spring Washer 12	2
24	Nut M12	2
25	Bushing	4
26	Bushing	2
27	Bushing	2
28	Wheel	2

## Parts Diagram

