

Instruction Manual

FM180K FM270K

FM360K FM450K



NOTE: Owner/Operator must read and understand this instruction manual before using the mover.

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THANK YOU VERY MUCH FOR CHOOSING OUR HYDRAULIC FURNITURE MOVER. 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. Please verify with the factory for possible updates.

1. Description

Equipment Mover are designed for use safe, easy lifting and transportation of large, bulky loads. Each unit must use in pairs. And each unit is equipped with fork, hydraulic jack, operation handle, support frame and moving frame, casters, and all mounting hardware.

! CAUTION

Never exceed the maximum capacity of the equipment mover.

1. Units must be connected with load binders before load is lifted.
2. Only intended for use in pairs.
3. Make sure load is centered on forks.
4. Never move the unit unless the forks are in the lower position.
5. Equipment Mover are intended for movement of loads and are not intended for positioning loads in a raised position for extended period of time.
6. Do not leave units unattached with load in raised position. Do not use units on inclines.
7. The units are not designed to lift people. Do not stand on the load and do not place any body part under the load at all times.
8. Inspect unit thoroughly, daily, before operating. Make sure that all attachments and fasteners are completely tightened.
9. When units are not in use, they should be completely lowered

and release valve tightened.

10. Do not operate a damaged unit until it is completely repaired.

11. Always remove load before repairing.

12. Warning: units are unstable if handled improperly. Use caution when moving over uneven floors.

2. Specifications

Model	FM180K-1	FM180K-2	FM270K-1	FM270K-2
Capacity (lb.)	3960		5940	
Lifting Height (mm)	150			
Wheel Material	PU+Steel	All Steel	PU+Steel	All Steel
Wheel Size (mm)	Φ150×50		Φ150×65	
Net Weight (lb.)	297	301.4	352	356.4
Model	FM360K-1	FM360K-2	FM450K-1	FM450K-2
Capacity (lb.)	7920		9900	
Lifting Height (mm)	150			
Wheel Material	PU+Steel	All Steel	PU+Steel	All Steel
Wheel Size (mm)	Φ200×75			
Net Weight (lb.)	420.2	424.6	475.2	479.6

3. Precautions and Preparation

3-1 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 are to stand up to the loading imposed by the wheel and whether they can take the weight of the furniture being transported.

3-2 Check whether the piece of furniture to be transported contains any loose objects. These will have to be removed, or secured against slopping out of position.

3-3 Check whether the piece of 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 transport without damaging it.

3-4 Find the weight of the piece of furniture to be transported. Never exceed the maximum capacity of the equipment mover.

3-5 Find the center of gravity of the furniture to be transported. Along the furniture base, it is the decisive for the load that a single transport unit can bear, across the base, for the center of the transport unit, and, in connection with the height, for the moment of tilting that occurs when moving the furniture. When in use, the height of the center of gravity must not exceed 0.8m. The distance of the transport units to one another must not be less than 0.5m and not gravity 4.0m (furniture of the securing straps).

3-6 Never use this equipment for towing behind a vehicle.

4. Operation

Units is ready to use as shipped, if hydraulic jack does not operate properly, contact the dealer you purchased unit from immediately.

4-1 With one foot placed securely on padded bar and both hands firmly gripping handle. Position forks of first unit under load. Make sure load is centered on forks.

4-2 Fork (rubber) must be in contact with load.

4-3 Position second unit in same manner as above on other end of load.

4-4 Connect the two units with load binders (available from dealer).

4-5 Two people are required for operating and moving loads.

To lift

(1) Pump up jack slowly on the pairs units simultaneously, raise load off floor up to the height required, but Do not over the specified lift height.

(2) Keep hands and feet clear of bottom of load and casters.

(3) Check placement of forks under load, Binders must be tight before moving.

To lower

(1) Open jack release valve slowly on pair units simulatneously until load rests on floor.

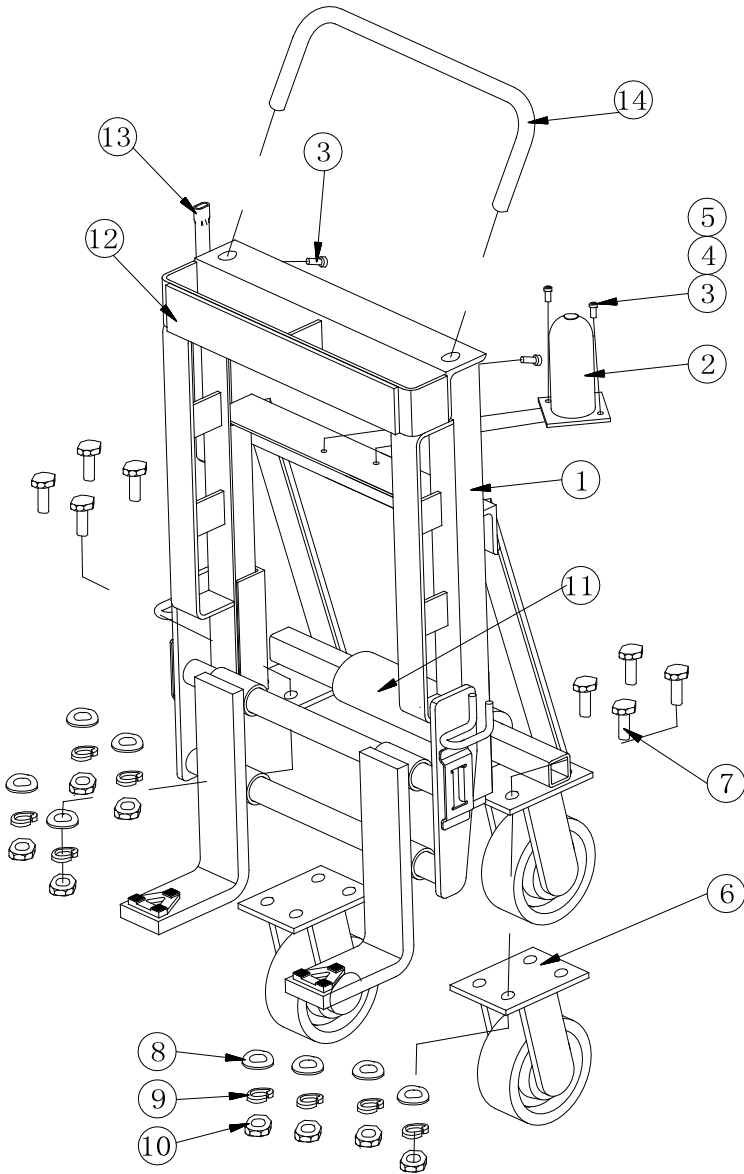
(2) Remove load binders.

(3) Carefully remove unit forks from under load. Lower forks to floor before moving units.

5. Care and Maintenance

Our hydraulic furniture mover only 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, using standard multi-purse grease. For this, the spindle may be reached using a brush through the slot in the guide rail. The gear wheels are also greased using brush, by first levering off the gear-housing lid with a screwdriver. The lid should be pressed down firmly to close it again. The units' function should be tested.

6. Parts Lists & Exploded Figures



Part NO.	Description	Qty.
1	Main Frame	2
2	Jack	2
3	Screw	8
4	Flate washer	4
5	Lock washer	4
6A	Wheel kit, PU+Steel	4
6B	Wheel kit, All Steel	4
7	Bolt	16
8	Flate washer	16
9	Lock washer	16
10	Hex nut	16
11	Bumper tube	2
12	Rubber pad	2
13	Jack handle	2
14	Handle	2