

emBARq Mover

Mobile scissor-lift platform
specifically intended to move
the emBARq workstation.





SPECIFICATIONS

Capacity	2200 lbs.
Overall Dimensions	56" W x 24" D x 25" H
Max. lift height	39.3"
Min. height of table	15"
Table size	40" W x 20.2" D x 2.4" H.
Wheel diameter	6"
Working volume of oil cylinder	257 ml
Oil capacity	400 ml
Service weight	253 lbs.

OPERATION CONDITION

1. Lift table should be operated on a solid, even surface.
2. Operating temperature is: -20° to 40°C / -4° to 104°F.

WARNINGS

1. Please read and understand all instructions and safety warnings prior to assembling, installing, operating, or performing maintenance on the described product. Be sure to observe all safety information. Failure to comply with instructions may result in personal injury and/or property damage. Retain instructions for future reference.
2. Be sure to operate lift table within rated load. Do not overload. Overloading will cause table damage.
3. Do not exceed rated capacity of 2200 lbs.
4. Do not sit or stand on lift table.
5. Inspect unit prior to use and do not operate if damaged or in poor condition.
6. Do not abuse or mishandle unit.
7. Protect all extremities including hands, feet, and other body parts while operating or transporting lift table.
8. Do not place hands or feet near scissor mechanism.
9. Apply brakes and/or chock tires when lifting, loading, or unloading unit to prevent movement.
10. Verify stability and even distribution of loads prior to handling. DO NOT handle unsecured loads.
11. Do not leave loads on lift table for extended periods of time.
12. Lift table cannot be moved during operation.
13. Operate lift table on level, durable surfaces away from traffic.
14. When placing items on hoisted table, item weight should be loaded lightly, and total weight must be within rated load. (Safety valve operates in hoisting process only. If truck has been hoisted and overloaded, safety valve will not operate and may cause damage.)
15. When loading and unloading items on hoisted table, do not drag content in cross direction. This may cause risk stability.
16. During routine maintenance, safety mechanism (metal bar) must support fork arm preventing table from accidental lowering for user safety. (Table should be unloaded during maintenance.)
17. Do not enter beneath lift table unless it is mechanically locked.
18. The warnings, precautions, and instructions discussed cannot cover all possible conditions and situations that may occur. Failure to heed these warnings may result in property damage, personal injury, and/or death.
19. Do not modify or alter this lift table. Modifications may cause improper functionality resulting in possible injury or death.

OPERATION INSTRUCTIONS

1. Operator must be qualified, trained, and use caution when in use.
2. Step on foot lever to raise work table.
3. Slowly lift handle lever upward to open one-way valve. This will allow slow descent until desired or lowest position is reached. Avoid lowering unit too fast or stopping suddenly as this may cause impact damage.
4. Release wheel brakes prior to moving truck.
5. During raised height operation, safety mechanism must be activated to prevent unintended lowering, damage, or injury.
6. If unit is lifted, moved, or turned away from safety mechanism prior to lowering, return metal bar back to its initial position.
7. The warnings, precautions, and instructions discussed cannot cover all possible conditions and situations that may occur.
8. Failure to heed these warning may result in property damage, personal injury, and/or death.

MAINTENANCE AND GENERAL CARE

It is important to conduct necessary maintenance and upkeep to prolong service life and safety of lift table. Please check following items prior to table operation:

1. Verify lift table has no distortion or bending in various positions.
2. Inspect truck brake and wearing condition of wheels.
3. Check hydraulic system for oil leakage.
4. If any failure exists, lift table should be repaired prior to use.
5. Replace hydraulic oil every twelve months. Choose the following or a similar specification of hydraulic oil according to the various climate conditions:
 - a) YBN32 is adaptive under the environment temperature of -10~+40°C.
 - b) YCN32 is adaptive under the environment temperature of -20~+40°C.
6. Hydraulic oil change methods:
 - a) Remove sealing screw 11 of the attached drawing (See page 5.) with wrench.
 - b) Raise hand knob.
 - c) Remove screw 35 of oil plug and fill in hydraulic oil. (See page 5.)

OPERATION TROUBLESHOOTING

FAULTS	CAUSES	TROUBLESHOOTING
Table cannot be raised or lifting height is insufficient.	<ol style="list-style-type: none"> 1. Steel ball of the check-valve is not closed down. 2. Firing pin withstands the steel ball. 3. Short of hydraulic oil. 	<ol style="list-style-type: none"> 1. Clean valve opening and steel ball. 2. Adjust steel wire rope tension rate to set firing pin at a suitable location and add or fill lubricant to pin roll. 3. Add sufficient hydraulic oil.
Table rises then descends.	<ol style="list-style-type: none"> 1. Steel ball of the check-valve is not closed down. 2. Firing pin withstands the steel ball. 	<ol style="list-style-type: none"> 1. Clean valve opening and steel ball. 2. Adjust steel wire rope tension rate to set firing pin at a suitable location and add or fill lubricant to pin roll.
Table does not descend.	Firing pin travel is insufficient to open steel ball.	Adjust steel wire rope tension rate to set firing pin at a suitable location and add or fill lubricant to pin roll.
Oil leakage at the firing pin.	O-ring is damaged.	Change the O-ring.
Oil leakage at pump, pump core, and piston rod.	Seal rings are damaged.	Change the seal ring.