

Optical Table Mover



VERE INC
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1-800-568-8373

Safety Labeling

DANGER

Failure to use this system properly can result in serious or fatal injury.



CAUTION!!!

"Hoist Frame" units may tip
if not connected

- The manufacturer has no control over the operation of this system, therefore it is the responsibility of the customer to assure the safe operation at all times. Use only under the supervision of a qualified rigger or engineer, familiar with this system, rigging practices and material properties.
- Minimum operating crew for this device is 3 people. Always have one person operating each hoist and at least one person guiding the load. Sudden rotation of the load can occur.
- Do not lift over a person or place any body part under any part of this system at any time. Sudden dropping of the load could occur at any time.
- Lift loads uniformly.
- Do not exceed weight rating.
- Inspect all fasteners and cables before each use.
- Do not touch cables or sheaves while lifting.
- Technical support line:
1-724-335-5530

Maximum load per hoist:

3500 lbs.

Optical Table Mover Instructions

A minimum of (3) strong persons will be needed for operation, one of whom should be a structural engineer or rigger observing the limitations of the device as well as stresses on all areas including but not limited to pivot points and frames.

All personal involved in installation and usage must wear protective clothing (I.E. Steel toed shoes, workman's gloves, safety glasses etc.)

Only Grade #8 fasteners can be used with device.

Do not attempt to modify any portion of this unit, such as drilling auxiliary holes, welding or adding brackets without consulting the factory first. VERE INC must give written permission before changes may occur.

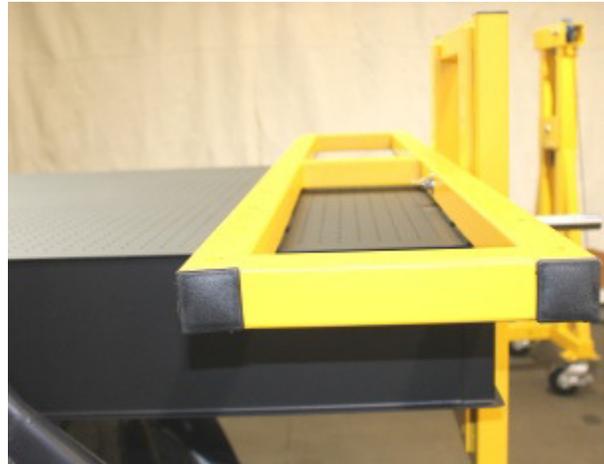
Failure to use this unit according to the instructions and good rigging practices can result in serious injury or death.

Always inspect this unit to assure it is in good condition before every operation. Pay particular attention to cable condition, cable attachment points, tight fasteners, cracks in casters, welds or the eyeball bearings.

Do not exceed weight limits stated on unit.

If any questions arise, immediately consult the factory at 1-800-568-8373.

Place “Clamp Frame” with rubber pads against the optical table

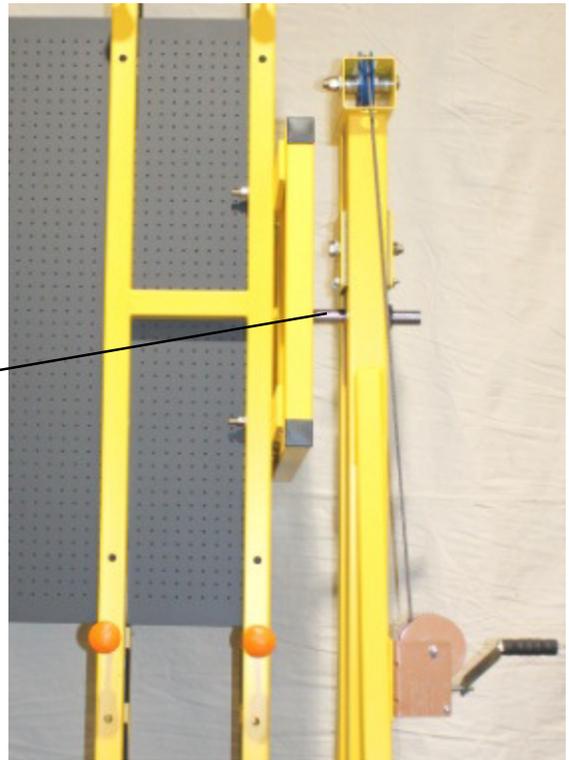


Mount the “Clamp Frames” to the table using the all-thread rods supplied and secured with nuts. These should only be tightened as much as hand tightening will allow. (4) rods will be used on each side as shown. Use the closest holes which allow the table to be balanced in respect to the center. Both sides of the table need to be done. **Place plastic caps on rods to prevent injury.**

The “Pivot Assembly” will now be added. Notice one side has slots and the other has fixed holes..

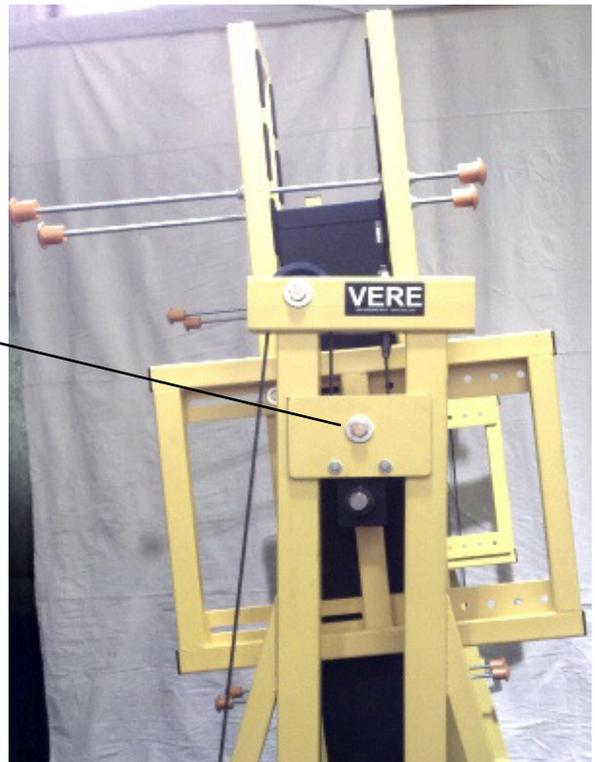
The holes and slots arrangement allow the tightest arrangement with maximum flexibility for the table to be centered for maximum balanced effect. Mount these with hardware supplied. The nuts / rods from previous step may need to be loosened while doing this step. **TIGHTEN ALL HARDWARE.**

The “Hoist Frame” may now be installed. This will be accomplished by pushing the support shaft into the bearing / hub as shown.



At this point do only one side. Insert “Lynch Pin” in hole in end of shaft and snap loop over pin to secure

⚠ “Lynch Pins” are designed to prevent an unexpected detachment of the shaft from bearing. These are not intended for continuous load.



Slide the “Connector Tube” in through the bottom and extend towards other side. If a longer tube is needed, use multiple “Connector tubes” and “Splice tubes”.

Add opposite “Hoist Frame” and extend “Connector Tube” through bottom. It is not necessary to remove the center casters.



Select appropriate holes in “Connector Tube” and place “Hitch Pins” accordingly in each side.

Install “Hair Pins” in “Hitch Pins” to secure.

Space between the bearings and “Pivot Assembly” should be 1 - 4”. Excess space can cause the table to exit the bearing and fall.



Raise the winches until cables are just tight.

Position one person at each winch, one person at the side of the table to stabilize it, and the engineer or rigger to supervise the operation.



When raising the table, it is important that the table be raised uniformly. Both winches should be operated simultaneously. As the table is being raised, it may rotate suddenly. It is important that one person steady the rotation at all times.



Once the table is clear of its supports, it may be rotated and brought to rest against the “Connector Tube”.

Do not go under the table while on the lift, this unit is not certified for overhead lifting and a sudden drop could result in injury or death.