



HDV300 and HDV400 Benchtop Horizontal Digital Video Systems Unpacking Read Me First Instructions

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1. Lifting the System from the Shipping Container

Note: Throughout these instructions HDV300 and HDV400 will be referred to as HDV systems.

WARNING

Do not attempt to move the HDV systems without proper assistance. The system weighs 235 pounds (106 kilograms). Four people are required to lift the system into the designated location.

Caution

Do not lift the HDV system by the drive shaft, stage, keyboard, or joystick. Use the lifting bar provided with the system to lift it into the designated location.

To lift the system from the shipping container, refer to the following figures and perform the following steps:

1. Ensure you are using the proper lift points to lift the system. Do not lift the HDV system by the drive shaft, stage, keyboard, or joystick. Refer to the following picture.

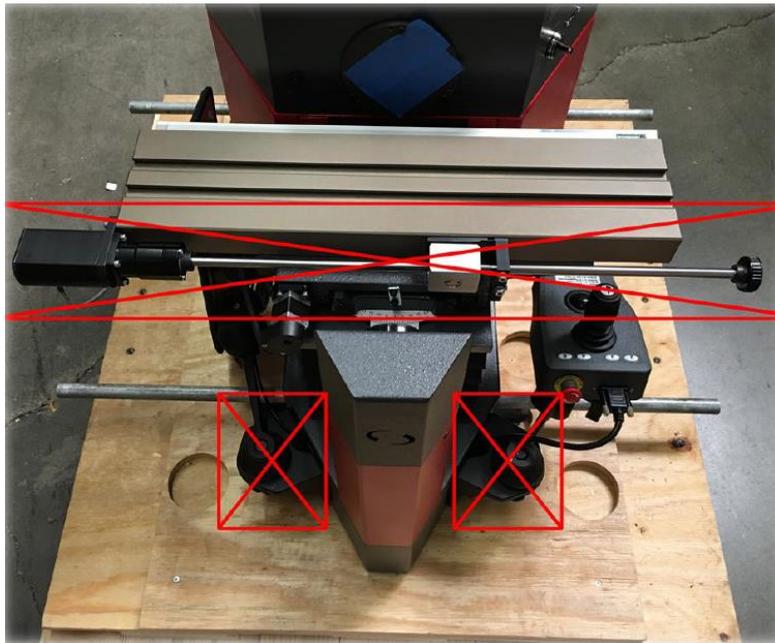


Figure 1. Prohibited Lift Points for the HDV System

2. To lift the system, insert two 5 foot (1.5 meter) long sections of $\frac{3}{4}$ inch (19 millimeter) plumbing pipe through the mounting holes provided for that purpose at the front and back of the base. Refer to the following figure.



Figure 2. Lifting Bar Inserted into Designated Points

3. Using four people, lift the system using the lifting bar to the designated location.
4. Once the system is in place, remove the lifting bars by sliding the bars out from the front and back of the unit,
5. Insert the four caps provided into each of the lifting bar holes. Refer to the following figure.
6. Use a five-millimeter Allen wrench to loosen the mounting tabs and rotate them by 90 degrees so that they no longer protrude from the system.

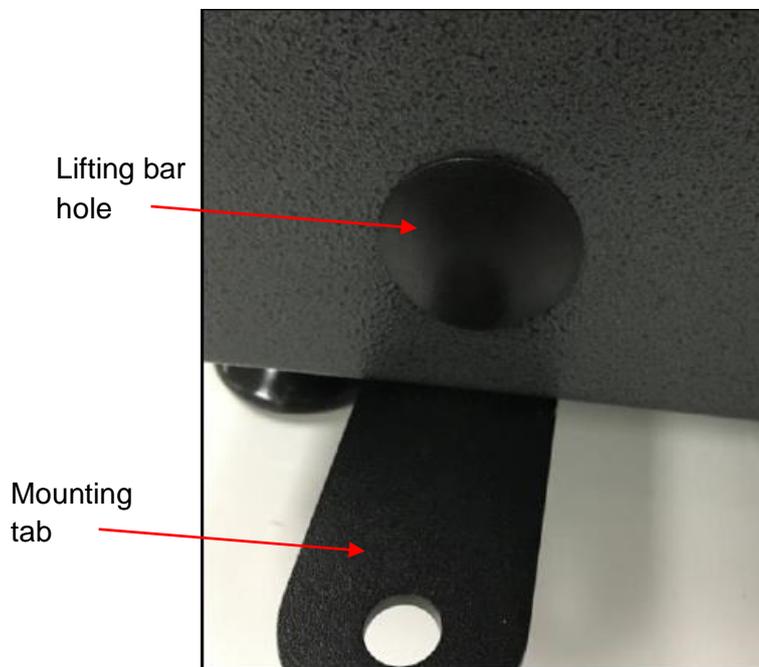


Figure 3. Hole for Lifting Bar and Mounting Tab

2. Removing the Stage Locks

Caution

Do not attempt to move the stages until the red shipping stage locks are removed.

To remove the stage locks, refer to the following figures and perform the following steps:

1. Locate the red stage lock that is installed on the front of the system (Y-axis). Refer to the following figure.

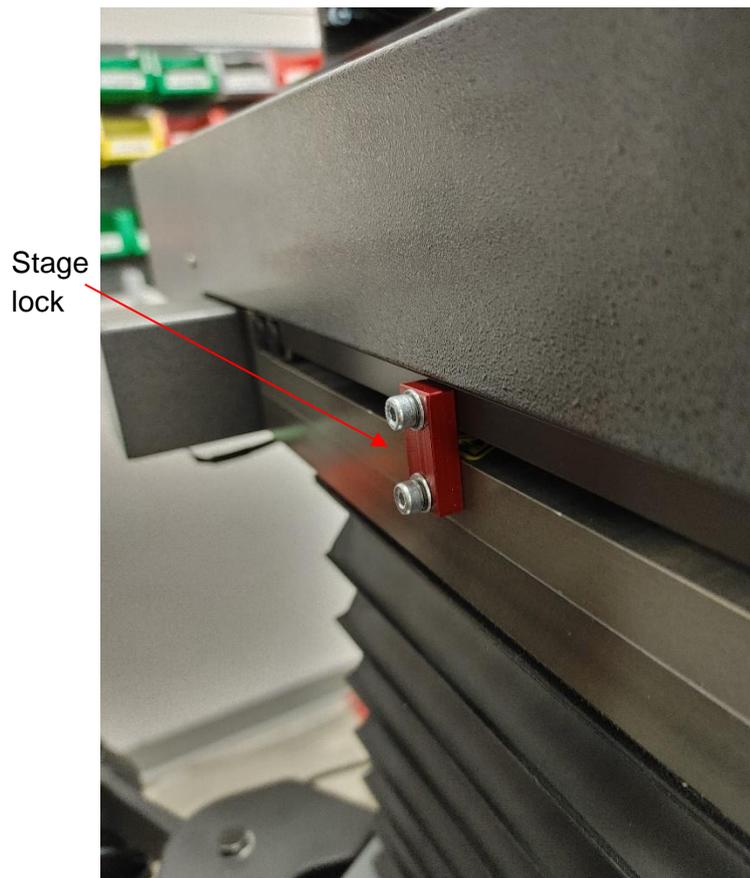


Figure 4. Y-Axis Stage Lock

2. Using a metric hex wrench, remove the two head cap screws that secure each tab.
3. Replace the head cap screws with the retaining screws provided. Refer to the following figure.



Figure 5. Stage Lock Replacement Screws

4. Locate the stage lock on the side of the system for the X-axis. Refer to the following figure.
5. Using a metric hex wrench, remove the two head cap screws that secure each tab.
6. Replace the head cap screws with the retaining screws provided. Refer to Figure 5.

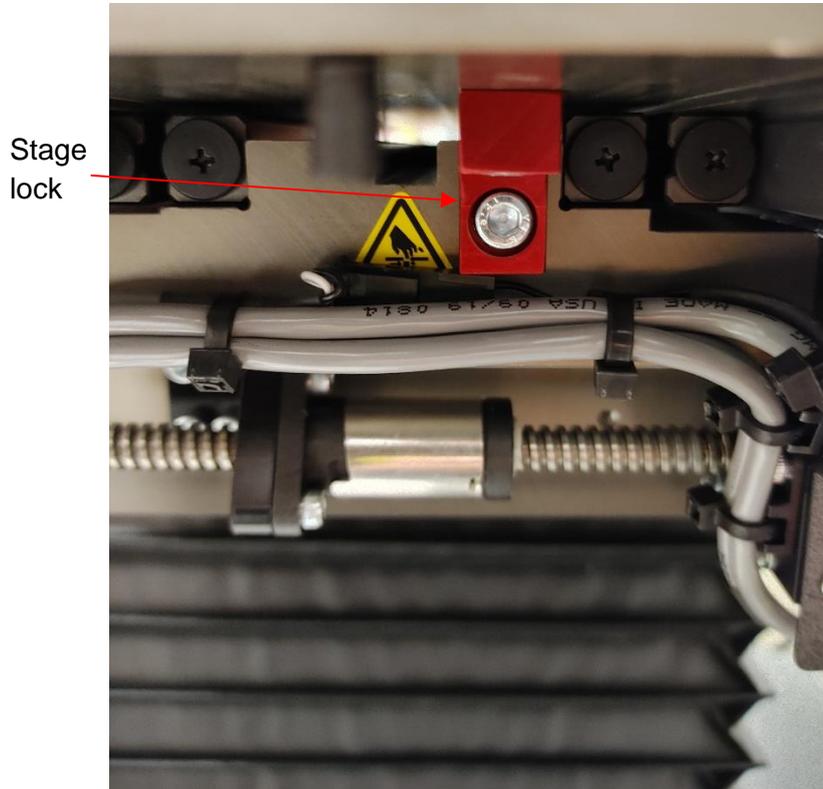


Figure 6. X-Axis Stage Lock