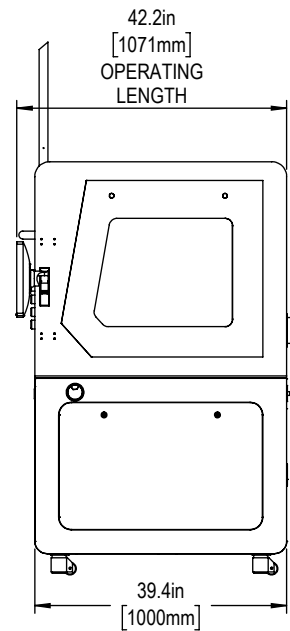
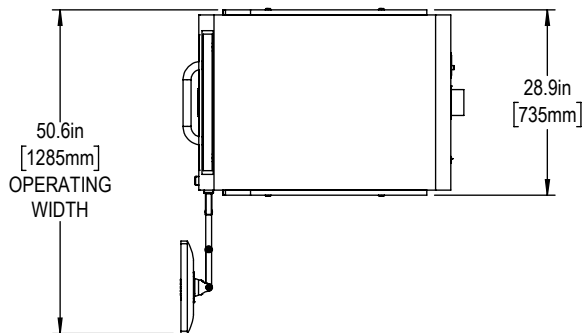
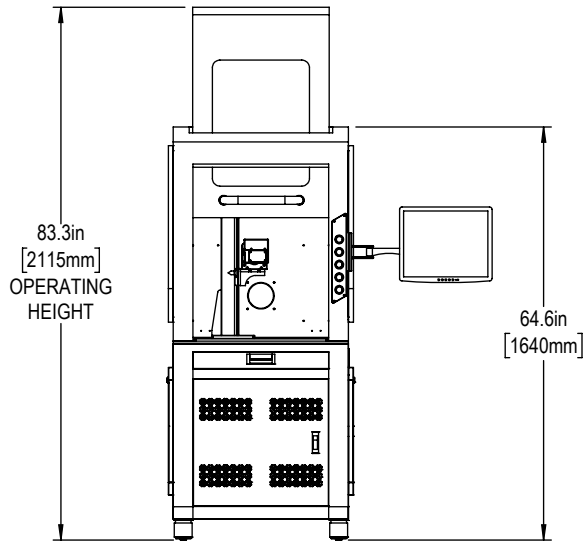


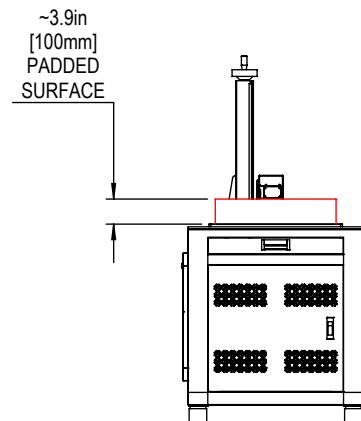
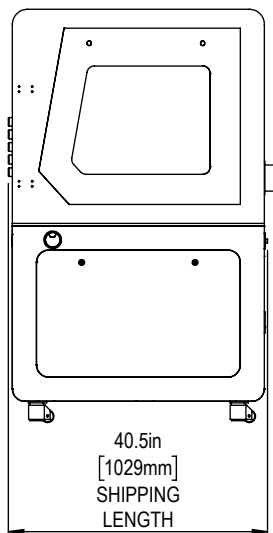
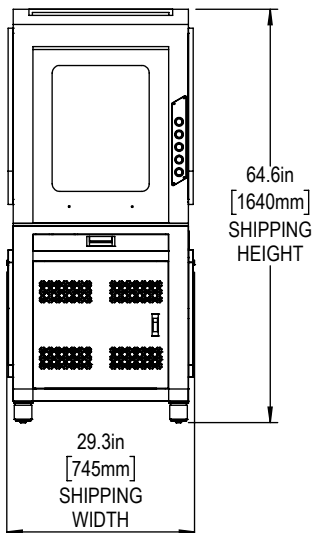


Installed Dimensions

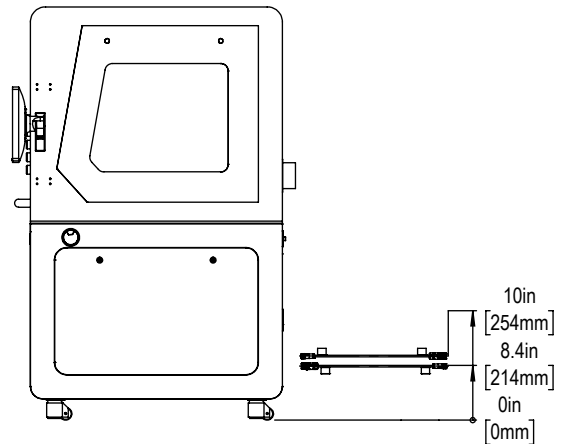
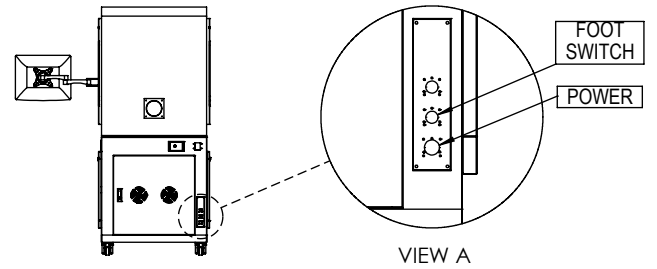
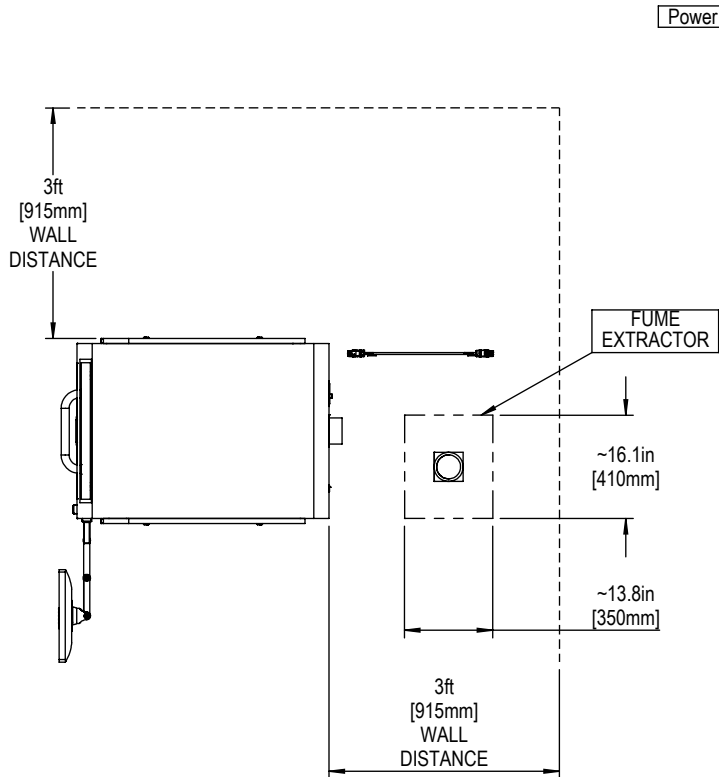


Machine must be placed on a continuous, flat surface. This unit is not anchored and rolls on (4) caster wheels.

Shipping Dimensions

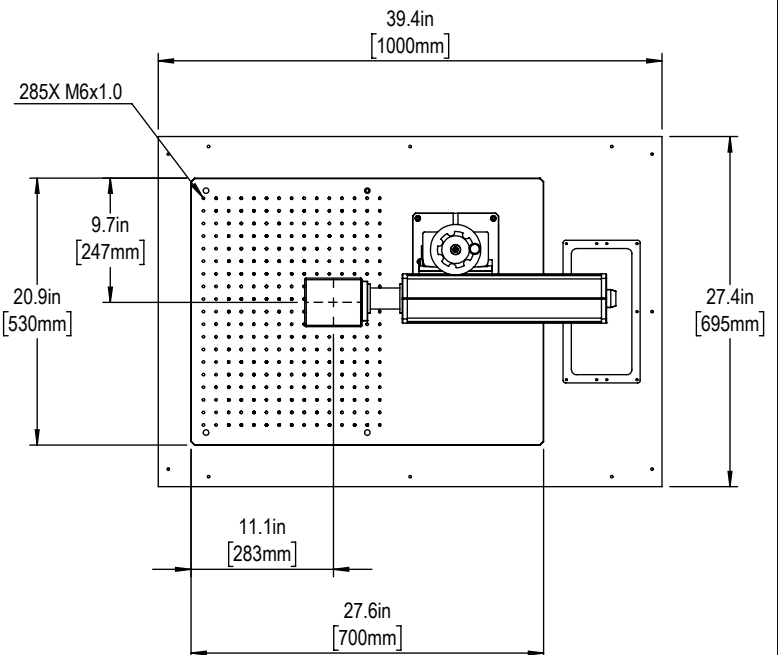
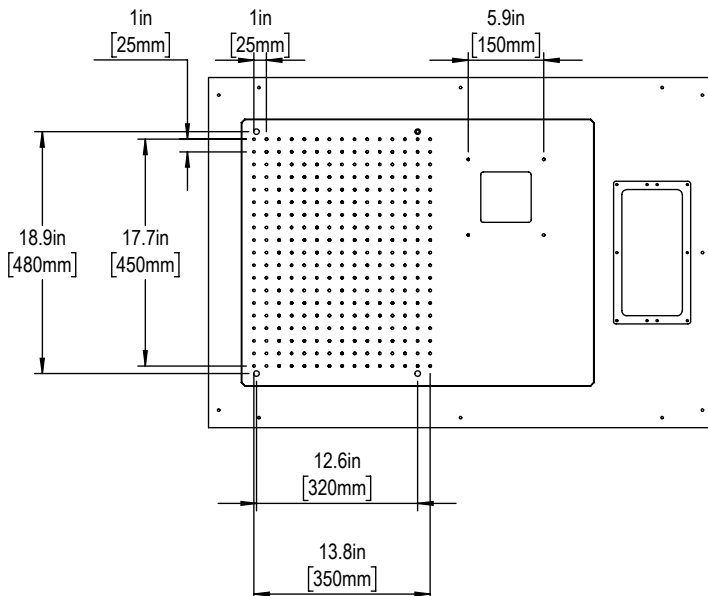


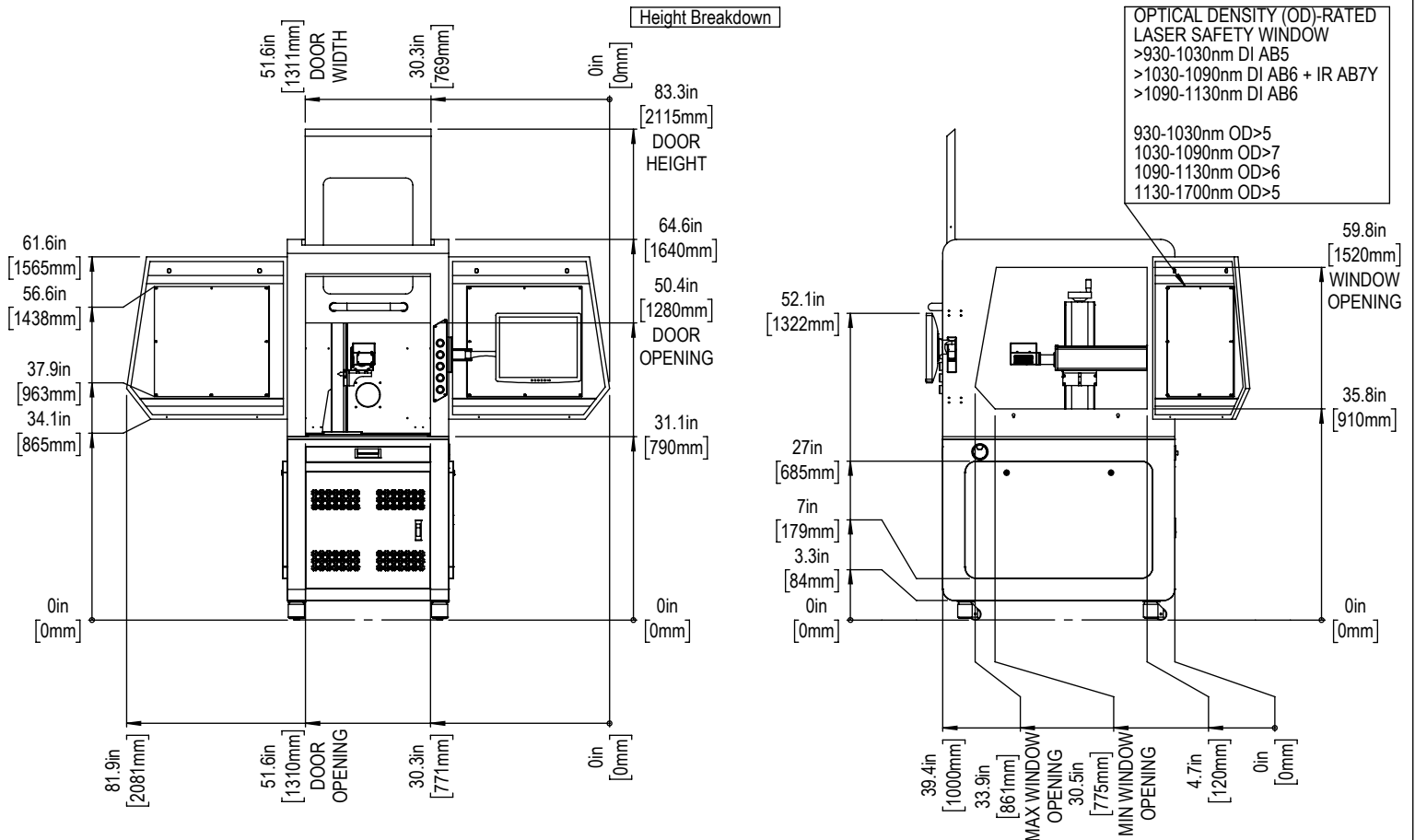
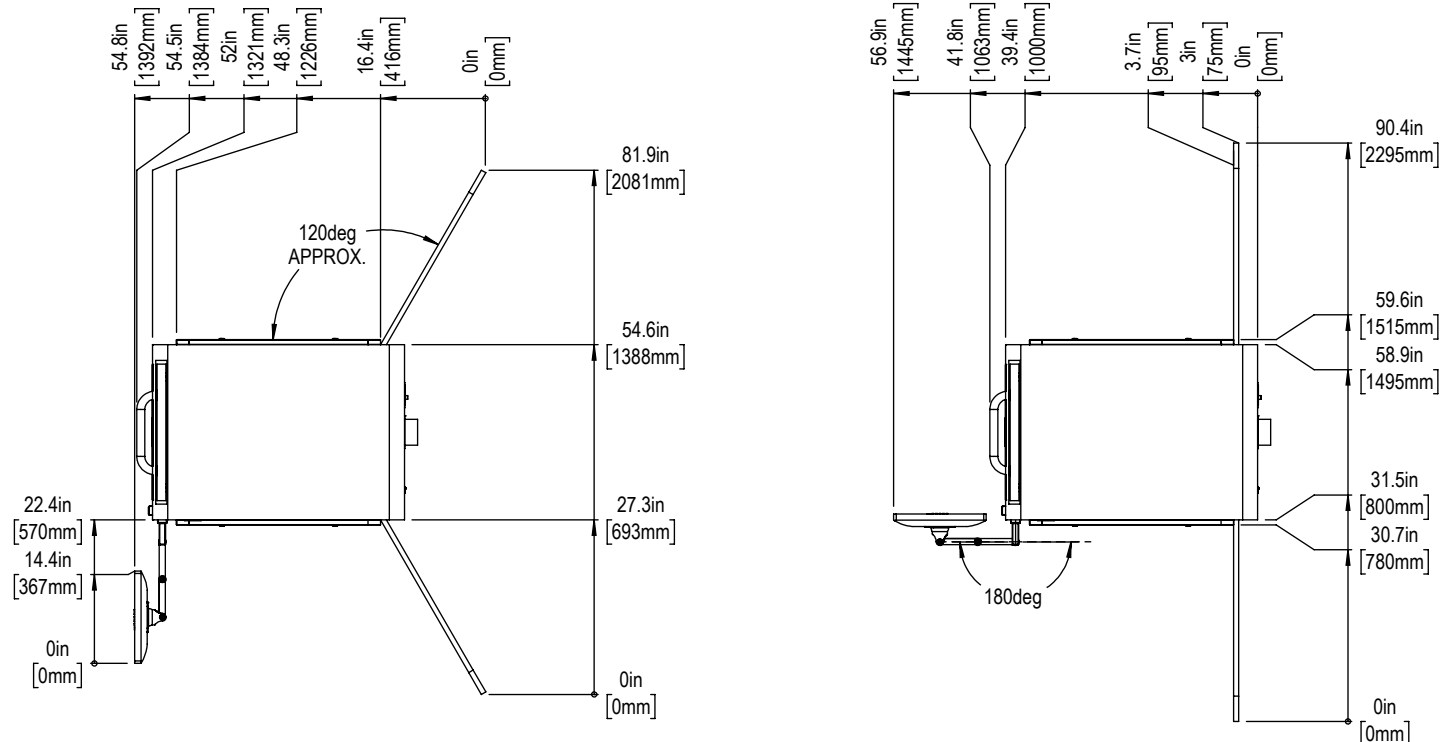
We recommend lowering the laser head to a padded surface during shipping and transport, to minimize movement and damage. Ensure the F-theta lens protective cap is properly fitted before lowering the laser head.



Maintain 3 feet [915mm] clearance to the nearest obstruction around all sides of machine perimeter for maintenance access

Fixture Plate

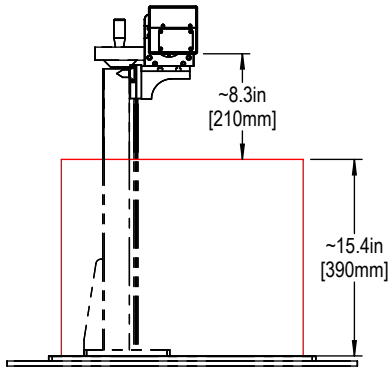


**Width Breakdown**

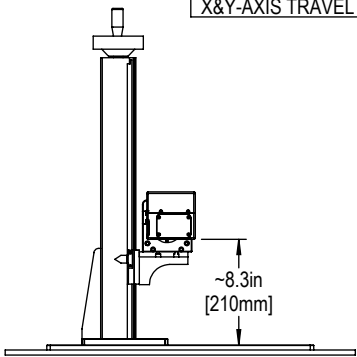
When using the side access windows to facilitate larger parts, the openings must be adequately covered to absorb all reflected light and protect operator eyesight. The windows are not equipped with a safety sensor. Lasers produce dangerous and invisible electromagnetic radiation. Radiation emissions during operation poses the risk of burns to the user's eyes and skin. Scattered and reflected radiation is equally as hazardous.



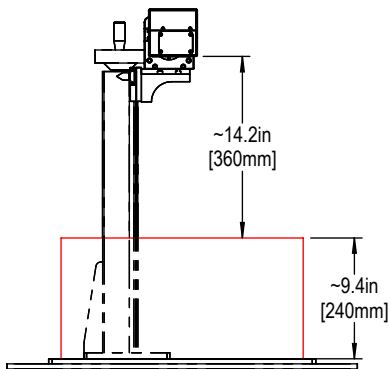
X&Y-AXIS TRAVEL & CLEARANCE



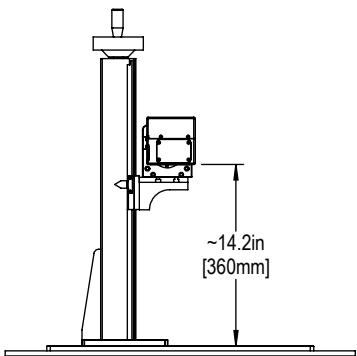
F160 F-THETA LENS MAX PART HEIGHT



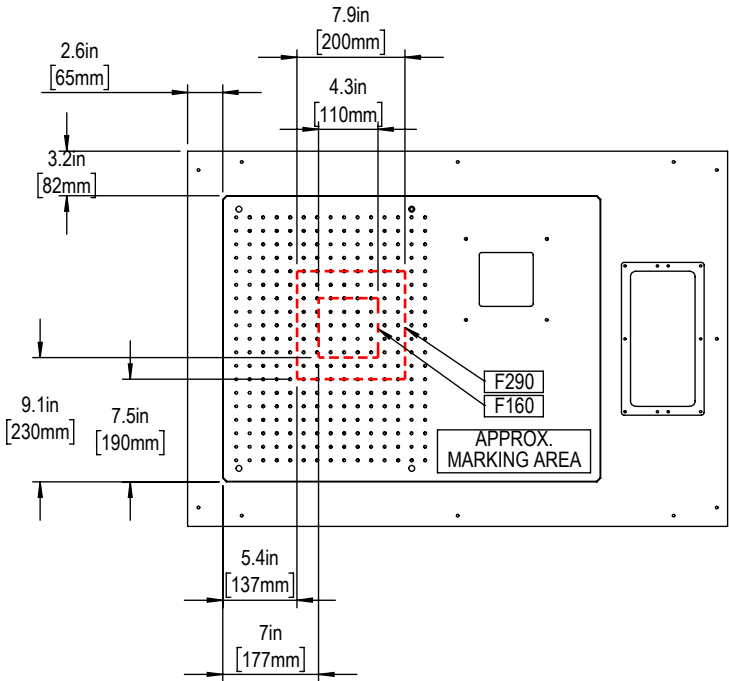
F160 F-THETA LENS HEIGHT



F290 F-THETA LENS MAX PART HEIGHT



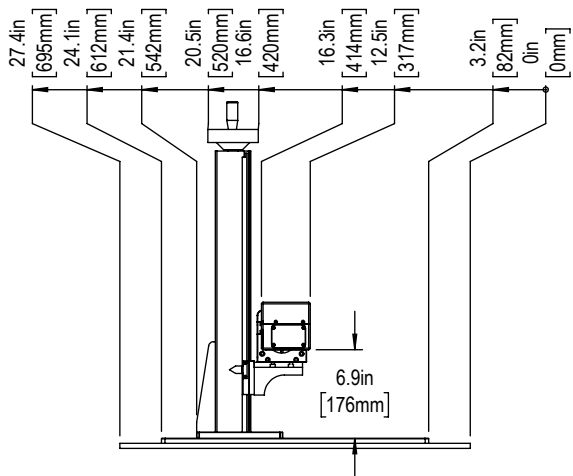
F290 F-THETA LENS HEIGHT



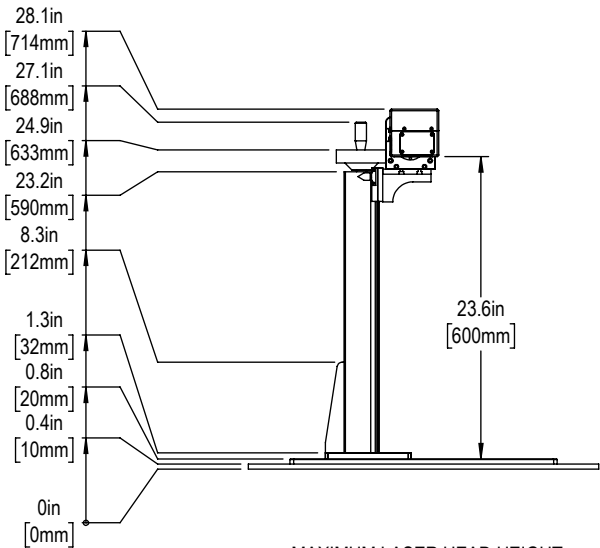
The lens heights specified above are approximations. Small differences (<0.04") in lens height can largely affect your marking and engraving quality, depending on material. Differences in workpiece height must be considered to maintain the correct F-theta lens distance.

This unit's laser head does not move in X or Y. Your effective marking area is dependent on the machine's equipped F-theta lens. Be sure to specify the marking area in your preferred laser control software (LightBurn, EZCad).

Z-AXIS TRAVEL & CLEARANCE



MINIMUM LASER HEAD HEIGHT



MAXIMUM LASER HEAD HEIGHT

Do not exceed the minimum and maximum laser head heights specified above. Doing so may damage your machine.