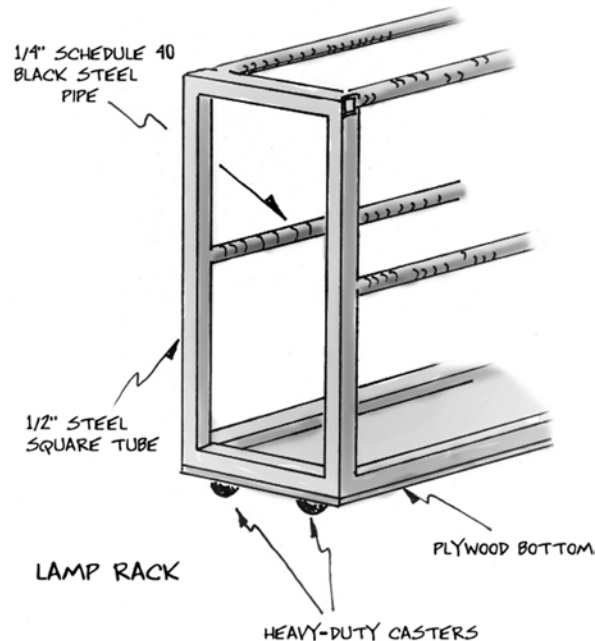


How Do You MAKE ...

LAMP RACKS

In a resident theatre or a university, *lamp racks* are used to hold single instruments, each of which has a C-clamp on it that is used to connect the light to a batten. The racks take the place of a pipe batten and make a handy place to store lights between shows. The overall size may be dictated by what will fit in an elevator or through a door, and you should investigate these parameters for your particular venue. I have found that a rack 72" long, 60" tall (excluding casters), and 18" wide will hold most kinds of fixtures and will fit almost anywhere. That size is great for ETC or Altman fixtures.



Lighting C-clamps are intended to fit on a round pipe. Pipe is somewhat difficult to weld together at an angle and is very heavy. Square tube is much easier to work with, but C-clamps will not fit on it, so a compromise is in order. An excellent rack can be made by using square tubing for the end frames and black steel pipe for the connecting pipes. Either 1/4" or 1/2" pipe will work. If you select the same size used in your theatre for the electric hanging positions, it will make it easier to run the C-clamp bolt when moving the lights back and forth.



It is a good idea to provide a plywood bottom to the rack for gel frames and barn doors and the like. You may wish to use two swivel and two rigid casters if the racks must travel long distances with one person pushing them. If they must be maneuvered through tight spaces, four swivel casters will probably work better.

THIS PARTICULAR RACK HAS THREE HANGING PIPES
BECAUSE SOURCE FOUR PARS ARE SMALLER THAN
MOST OTHER TYPES OF LIGHTS