Subject: Re: Straight 8
Posted by FredT on Sat, 14 Aug 2004 13:16:43 GMT
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As I understand it from things I have read on the Bottlehead forum, some of the Straight 8 design objectives, in addtion to sounding good, were high sensitivity, reasonable price, and relatively easy enclosure construction. At the time of its introduction the only high sensitivity alternatives were vintage speakers, expensive and large horn speakers, or smaller bass-shy ported designs. The enclosure's volume is determined largely by the type and number of midwoofers, and the actual HWD dimensions, especially the height, were influenced by the size of a 4X8 sheet of mdf. The 4' height would place a mid-array tweeter about 2' off the floor, and the treble would be attenuated for standing listeners. The top-placement permits a more reasonable compromise for seated listeners, or with the enclosures tilted back slightly, for standing listeners. Ideally the Straight 8 could be built with the same internal volume in a 5'+ high enclosure with mid placement of the tweeter, and a slightly narrower width.