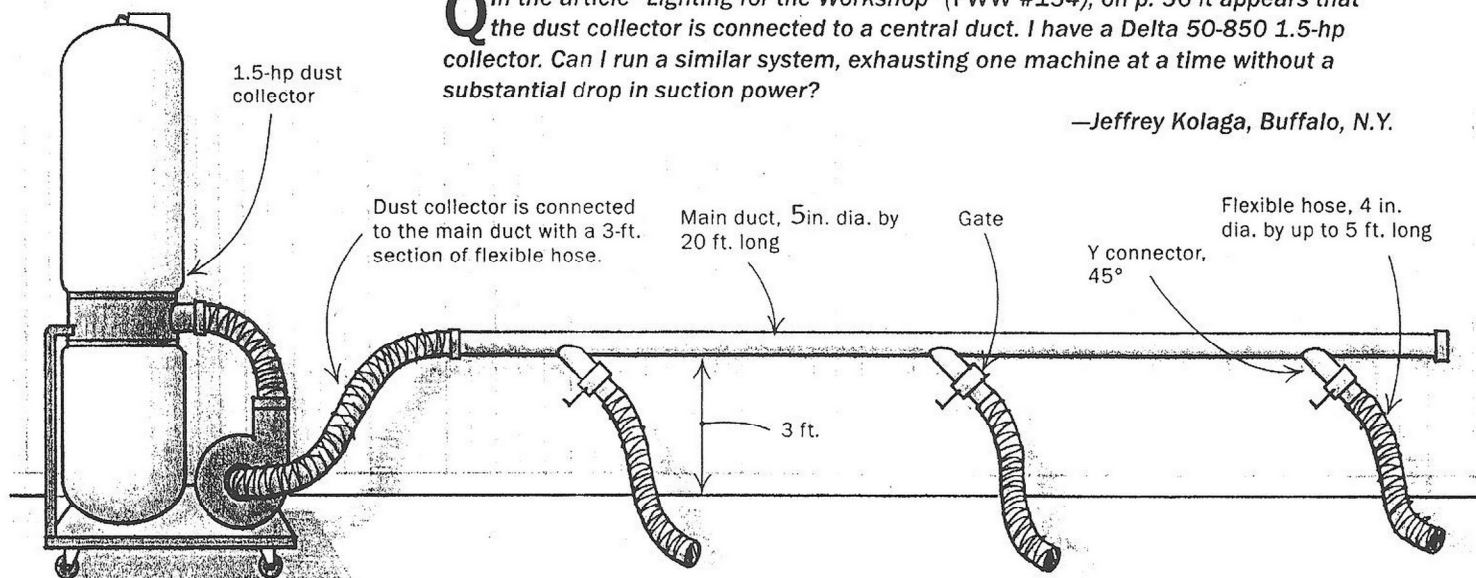


Q & A

Making the most of a 1.5-hp dust collector

Q In the article "Lighting for the Workshop" (FWW #154), on p. 56 it appears that the dust collector is connected to a central duct. I have a Delta 50-850 1.5-hp collector. Can I run a similar system, exhausting one machine at a time without a substantial drop in suction power?

—Jeffrey Kolaga, Buffalo, N.Y.



A Curt Corum replies: Portable dust collectors generally lack the power for a central duct system. They are designed to provide optimum air volume at the end of a 5-ft. length of flexible hose, not a 25-ft. duct run. Woodworkers who have tried to use a 1.5-hp collector in an overhead system have not been all that successful (too much duct). However, they have been successful with

running a 20-ft. main duct along a wall, about 3 ft. off the floor, with several gated tap locations on the duct. The collector stays in one place, and the stationary power tools are connected with short lengths of 4-in.-dia. flexible hose.

[Curt Corum is sales manager at Air Handling Systems Manufacturers Service.]

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