



Air Handling Systems Newsletter

INDUSTRIAL STRENGTH Ductwork Direct

MAY 2012

What do you find to be the biggest wood dust collection problem and how would you solve it?

Today's woodworking industry is comprised of thousands of small shops. The shop owners are hard pressed to find someone to properly design their dust collection system. It seems the professional dust collector manufacturers do not want to spend time designing and quoting 3 HP to 15 HP systems. In addition, most of them are married to mechanical contractors that want to quote a turn key project. Some dust collector manufacturers supply up to 30 HP units without any design assistance! How do they know it's the right collector? A system must be designed first in order to pin point horse power and collector type.

The dust collection budget for small shops are usually quite limited, but would cover the purchase of a collector and the ducting. With the proper layout in hand, nearly 100% of the shops are capable of the install themselves, saving thousands of dollars.

The problem is, where do they go? If a collector is purchased mail order, they are left on their own. Most likely, the system will be installed incorrectly. The professional dust collector manufacturer typically will not work directly with the small shop or in some cases are selling the dust collector without providing the duct design! Professional engineers versed in wood shop dust collection systems do not seem to advertise in any woodworking publications. For a fee, the PE is able to provide the non-biased

Serving Customers Worldwide

Serving customers throughout the world, Air Handling Systems sales department works with customers worldwide. This month alone brought a larger hose order from a customer in the UAE needing product shipped to one of their facilities in India. Our knowledgeable shipping department ensured the hose was packaged in the most efficient manner possible to ensure damage free and cost effective shipping half way across the world.

Please forward your list of material and location of freight forwarder in the United States. We will quickly provide a quotation including the freight cost to US forwarder.

If we can ship to India, we can easily ship to Indiana.

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Flexible hose shipped in carton - 25' 10U30-C, 15' 08U30-C15, 15' 06U30-C15 15' 04U30-C15 Shipping carton 36" X 42" X 60" HT Total shipping weight (including pallet) 150 lbs

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specifications with a blue print that includes duct design. Some companies offer a "do it yourself design guide", but many shop owners are fearful and don't want to attempt the exercise.

My solution is two fold. First, I would not allow a dust collector manufacturer or distributor to sell a dust collector over 3 HP without providing a proper duct design. Second, I would like to see one of the woodworking associations create a listing of PE's that are experienced and interested designing systems for wood shops that are out of the realm of a turn key project. This will obviously require a national search, but I believe it is feasible. Small shop systems can be designed without a site visit as long as the shop owner provides the PE with all of the necessary data.

A dust collection system provides for the health, safety, and productivity of a shop. Lets make the pursuit of this objective easier for the small shop owner.

Curt Corum, Sales Manager

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