



Air Handling Systems Newsletter

INDUSTRIAL STRENGTH Ductwork Direct

JUNE 2012



In just two months the woodworking community will gather for the largest woodworking event in the western hemisphere. IWF the International Woodworking Fair 2012 will be held in Atlanta, GA at the Georgia World Congress Center, August 22-25 with new show hours 8:30-5:00 (Wednesday-Friday) and 8:30-4:00 (Saturday).

[Registration](#) and [Housing](#) is now open!

Air Handling System will be exhibiting, as we have since 1982. Please plan to stop by and see us prominently located next to the "Men's Room" in Building B, **Booth 5800**.

June - National Safety Month

[Woodworking Network](#) as well as fellow manufacturer [Mereen-Johnson](#) cover combustible dust as part of National Safety Month.

Click on latest piece [Absence of ComDust Rule Doesn't Stop OSHA Enforcement](#) on the Woodworking Network by Jamison Scott, Air Handling Systems.



Combustible Wood Dust Explosion

[Click here for more information on combustible dust.](#)

Benefits of Spiral Pipe



Air Handling Systems has two spiral pipe machines set up to run 18 gauge - 24 gauge in 3 inch to 42 inch diameter. Do you know the benefits of spiral pipe?

SNIPS Magazine, has a great article this month on why spiral duct is cheaper to

Die-Stamped Elbow

Die formed elbows are stamped in halves and welded on the throat and heel. A blank of metal is actually placed over a hollowed out block of steel and pressed. Diameters 3" - 12" have been manufactured since the early seventies. The 14" diameter was not perfected until the late nineties. Initially, when the 14" diameter half was stamped, the sides crinkled terribly. The crinkles could not be avoided on the sides of the 16" diameter and the pursuit of manufacturing has thus been discontinued.

install and cheaper to use.

[Click here to read SNIPS article on the benefits of spiral pipe.](#)

[Click here for more information on Air Handling Systems spiral pipe.](#)

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The dies for the stamping process are extremely costly, therefore, there are no dies for 13" diameter as the request is very minimal. A gored elbow is provided for all sizes other than die stamped. Die formed elbows larger than 14" diameter are definitely not manufactured anywhere in the United States. However, there are larger elbows manufactured in tubing but are heavy gauge and used for high velocity abrasive material transfer.

Conclusively, Air Handling Systems only provides die stamped elbows up to the maximum diameter available. Gored elbows are provided for diameters larger than 14".

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