AGI Fabricators Showcases Custom Duct Fabrication Capabilities

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AGI Fabricators, a Milwaukee-based full service metal fabrication company, is highlighting its custom duct fabrication capabilities for industrial, commercial, and specialty ventilation applications. The fabricator produces made-to-specification ductwork in a range of materials and gauges, supporting HVAC contractors, plant engineers, and OEM customers that require precise fit, durable construction, and dependable lead times on custom sheet metal components.

The company's duct fabrication services cover round, rectangular, oval, and spiral configurations, with capacity for projects that range from single-run replacement sections to multi-stage industrial exhaust systems. Material options include galvanized steel, carbon steel, stainless steel, and aluminum, allowing the shop to match each project to the temperature, pressure, and corrosion conditions expected in the field.

In-house capabilities include shearing, plasma cutting, forming, rolling, and welding, paired with experienced fitters who interpret mechanical drawings and as-built site measurements. This combination supports tight-tolerance fabrication for transitions, elbows, reducers, plenums, hoods, and custom fittings that often cannot be sourced through standard ductwork catalogs.

AGI Fabricators duct fabrication serves a broad mix of industries, including food and beverage processing, manufacturing, power generation, woodworking, metalworking, and commercial construction. The team regularly produces dust collection ducting, fume extraction systems, kitchen exhaust components, and process ventilation runs tied to permitted air-handling equipment.

"Custom duct fabrication is one of those services where details on the print decide whether a system runs efficiently or causes problems for years," said Brad Landry, General Manager of AGI Fabricators. "Our shop is set up to handle the gauge, geometry, and connection requirements that contractors and plant engineers actually deal with on real installations, not just standard catalog pieces."

The fabricator works from engineered drawings, sketches, or field-verified measurements provided by the customer, and applies SMACNA-aligned construction practices for joints, seams, and reinforcements where appropriate. For higher-temperature or abrasive service, heavier-gauge plate and reinforced flange connections can be specified to extend service life in demanding environments.

Lead time is treated as a core part of the service, particularly for retrofit work, shutdown projects, and emergency replacement of damaged or corroded duct runs. By managing cutting, forming, welding, and finishing under one roof, the Milwaukee shop reduces handoffs that can stretch schedules when components are sourced from multiple suppliers.

The company also supports OEM customers that integrate ductwork into larger packaged systems, including air pollution control equipment, drying ovens, and modular process skids. In these projects, repeatable fabrication of identical assemblies is critical, and AGI Fabricators uses fixtures, templates, and documented quality checks to maintain dimensional consistency from one production run to the next.

Finishing services include grinding, deburring, and surface preparation suited to either field painting, shop priming, or installation in environments where bare metal is acceptable. Stainless steel ductwork can be cleaned and passivated to meet hygienic requirements in food and pharmaceutical-related processing areas.

"Most of our duct work comes in as a custom problem that needs to be solved, whether it's a tight ceiling, an odd transition, or a material upgrade after corrosion issues," Landry said. "Customers want a shop that can look at the conditions, talk through the options, and turn around accurate fabrication without a lot of back and forth."

Coordination with mechanical contractors and engineering firms is supported through digital file exchange, shop drawing review, and direct communication between estimators, fabricators, and field installers. This workflow helps reduce rework when site conditions differ from original design assumptions, a frequent issue

with renovation and tenant improvement projects.

AGI Fabricators also offers complementary metal fabrication services that often accompany ductwork scopes, including structural supports, equipment platforms, guarding, and miscellaneous metals tied to ventilation infrastructure. Bundling these scopes through a single supplier can simplify procurement for general contractors and facility managers.

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AGI Fabricators

AGI Fabricators, established in 1893 in Milwaukee, WI, is a leading provider of custom sheet metal and metal fabrications for commercial and industrial clients throughout North America.

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