

NEWS RELEASE

FOR IMMEDIATE RELEASE

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AIRAM PRESSES DELIVER PRODUCTION COST SAVINGS FOR MANUFACTURERS MAKING HIGHWAY PRODUCTS

Covington, Ohio—(December 3, 2013) AIRAM® Press Co. Ltd., a leading pneumatic press manufacturer, provides a low maintenance, high performance press solution for processing highway products. At half the capital equipment cost of mechanical and hydraulic presses, AIRAM's air-driven machines (3 to 300 tons) can be used to stamp traffic signs or as a cutoff for guardrails, rebar and wire mesh. The pneumatic press also is able to process used tires or different types of materials used as aggregates. Unlike conventional presses, AIRAM has equipped its air presses with technology features that make the machines suited to the highway market.

An indefinite stroke from .05 to 3 inches gives fabricators the flexibility to produce a wider range of parts and accommodate tooling changes for multiple products. Full tonnage on the pneumatic machine is available through the entire stroke. The stroke can be controlled so it cycles down to strike material as quickly or as slowly as the application requires. In addition, the press delivers a much faster response time with tonnage that is more equalized so that off-center loads can be effectively run. The result is clean, accurate parts. Several control options are available for AIRAM presses. They range from two hand-operated controls for hand-feeding sheets to PLC-based control systems equipped with an automated feed system or grouped to create a transfer line to streamline manufacturing processes.

While the air press doesn't sacrifice tonnage requirements, its small footprint means stampers can expect to use 40 percent less floor space than conventional press models. AIRAM has also developed a unique dampening system that absorbs energy during the press cycle. The dampening system eliminates steel-on-steel contact and reduces vibration by 80 percent since energy is no longer absorbed through steel.

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AIRAM's dampening material helps manufacturers create an operator friendly work environment since less vibration means less impact on workers' joints. Parts production is improved while tool and press wear is reduced. Using minimal air and power consumption, AIRAM presses are simple and require little maintenance. Technical assistance and spare parts are readily available, a customer service feature that helps reduce overall down time.

AIRAM's staff offers extensive experience, technical knowledge and in-depth application engineering expertise to assist customers with selecting the right production system. In addition to the press, AIRAM designs turnkey systems that can include tooling, feeding equipment, part handling automation, and other ancillary equipment. AIRAM stocks all standard spare parts and offers rebuild and preventative maintenance programs to provide customers with key support services. Committed to equipping customers with the tools they need to be competitive, AIRAM offers flexible production systems in tandem or stand-alone configurations with the capability to manufacture quality parts at low cost. AIRAM has manufactured and shipped more than 5,000 presses worldwide.

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