

## ***NEWS RELEASE***

### **FOR IMMEDIATE RELEASE**

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### **AIRAM PNEUMATIC PRESS OFFERS VERSATILE, COST EFFECTIVE STAMPING SYSTEM FOR JOB SHOP NEEDS**

Covington, Ohio—(March 16, 2010) AIRAM® Press Co. Ltd. is helping job shops compete in the new business landscape with pneumatic press technology that reduces waste and costs while meeting industry demand for rapid response parts. The air-driven press (3 to 210 tons) has a production uptime of 98 percent yet is nearly half the capital equipment cost of a hydraulic or mechanical press. Adjustable stroke length and speed gives operators the versatility to stamp a range of components. The air press is also easy to automate and group to create a transfer line or manufacturing cell.

Stroke cycles can be varied with stroke length and speed offering speeds up to 400 strokes per minute (SPM). Unlike a mechanical press which only develops full tonnage about 1/8 inch off the bottom, 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 and can be held with full tonnage at the bottom of the stroke for various applications, similar to a servo press. 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.

Low deflection characteristics comparable to that of a crankshaft-driven press support part accuracy. Long feed lengths are easily accommodated on the pneumatic press due to its ability to run in continuous mode. Since the press does not cycle until the feed function is complete, an operator could run a part 10 feet long then just as easily switch to production of a three-inch part. Because of the structure and basic design of the air press, stampers can expect to use 40 percent less floor space than conventional press models.

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Maintenance is minimal. With fewer moving parts and no recirculating lubrication, the only components requiring grease are the guideposts. Air offers the same characteristics as oil, but eliminates the potential problem of leaks. Power and air consumption are cost effective. Technical assistance and spare parts are readily available, a customer service feature that helps reduce overall down time.

AIRAM's leadership and technical staff offer extensive experience, technical knowledge and in-depth application engineering expertise to help customers select the right production system. In addition to the press, AIRAM stamping solutions include the die, feeding equipment, part handling automation and other ancillary equipment. Stock presses, including special press sizes, the capability to economically custom engineer press models, a comprehensive spare parts inventory, rebuild and preventative maintenance programs provide key customer 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. With more than 40 years of innovation, AIRAM has produced and exported more than 5,000 presses worldwide.

For more information about pneumatic presses:

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