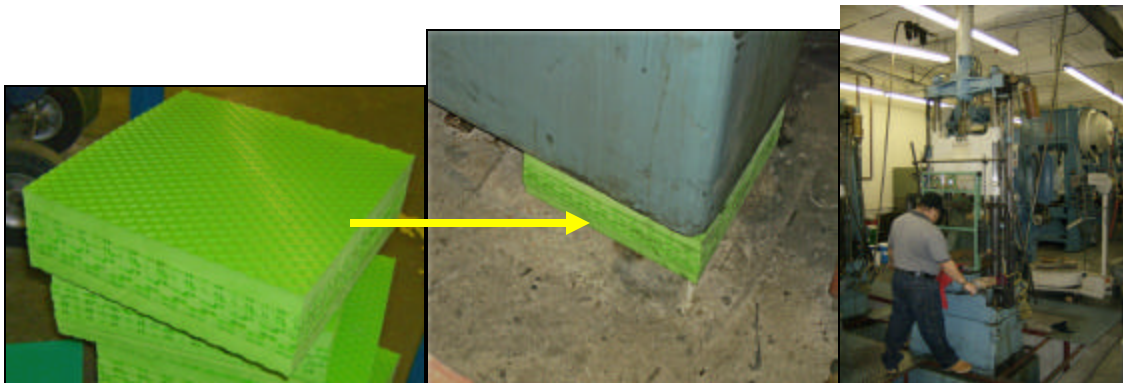


AirLoc Application News...

AirLoc high damp nitrile pads take the bounce out of pneumatic drop hammer presses!

AirLoc was contacted by John Saccoccio, production manager for Diversified Products of Providence, RI regarding the isolation of their pneumatic drop hammer presses. Diversified is a manufacturer of custom emblematic jewelry and quality metal products such as belt buckles and key tags. The presses are large stroke machines with 900 and 1200 pound hammers that impart a significant shock pulse into the foundation during the stamping process. A competitors low frequency pneumatic / elastomeric mounts had been installed under the machine feet and were effective in reducing the shock, but the resultant rebound and failure (air leaks) rate of these more expensive “air” mounts was cause for concern, according to John.

AirLoc engineering sized out a shock pad isolation system consisting of a bonded sandwich of two stiffness pads utilizing the superior damping properties of AirLoc 700 series nitrile elastomer. The combination of variable stiffness layers incorporates the stability of a solid top and bottom layer with the high deflection / damping of the profiled center segment. The results were dramatic, with greatly reduced rebound and shock levels as good or better than the low stiffness air mounts. All of Diversified Product’s drop hammer presses will be mounted on the cost effective, long lasting AirLoc high damp shock isolation pad system.



High Damp Bonded Pads Bonded Pads Under Press Drop Hammer Press

For more information regarding AirLoc Pads or leveling products, contact our headquarters in Franklin, MA or your regional AirLoc Representative