AirLoc Application News…

AirLoc 900 series pads used in die inverting tile protective floor system

AirLoc pads have been used for die inverting floor systems where long life and rugged construction are needed to protect large press dies and the floor they sit on from being damaged. Dies for stamping presses and tandem press lines are generally maintained in an area close to the machines where they are installed, and existing floors where they sit are typically concrete or wood block construction. The use of AirLoc 900 series pads solves the problem of damaged tools and floors when heavy dies are moved and accidentally overturned or dropped.

As shown below, this AirLoc Die Inverting Tile System is an integrated, 65mm thick, shock isolation pad system consisting of one layer of 25mm thick, 90 durometer, fiber reinforced, neoprene pad with raised diamond shaped profile on both sides. The negative profile allows for easy cleaning and the pad can be flipped over, when worn, to expose a new surface. The top layer is supported on two sub-layers consisting of flat surface, 90 durometer pads of the same material, and utilizing stacked layers to match the existing floor thickness. This AirLoc Die Inverting Tile System can be adapted to any size and depth of in-floor die turnover area.

For more information regarding AirLoc Die Inverting Systems or other pad isolation systems of leveling mount, contact our headquarters in Franklin, MA or your regional AirLoc Representative