



Dixon Automatic Tool

AO-700 Press Series AO-712 Inline Track and Cross Shuttle



Combines the placing and pressing operation into one motion. This model is equipped with a heavy steel "C"-shaped frame construction with an air-oil intensifier cylinder, vibratory feed system, an off-set horizontal vibratory feed track with cross-shuttle, interlocking controls, and a two-position parts escapement. The transfer escapement inserts one piecepart at a time into the pressing head's placement jaws. When the piecepart is properly placed into the workpiece, the high pressure hydraulic stroke is actuated to complete the pressing cycle. A built-in sensor indicates the proper insertion of the piecepart. The baseplate size is determined by the size of the bowl feeder.

Product Specifications

Strokes	up to 6 in.
Pressing Forces	up to 9 tons
Features	Rapid Air Advance and Hydraulic Power Strokes
	Tooling Options and Feed Systems for a Wide Range of Pieceparts
	Positive Targeting of the Piecepart in the Workpiece
	Places and Presses Simultaneously in one Stroke
	Built-in Sensing to Verify Assembly Requirements
	Throat Depth can be Modified to Suit Application
	Heavy-Duty "C"-frame for Minimum Deflection
	Optional Workholding Fixtures
Call for Additional specifications regarding piecepart and design questions.	