

Air Conditioner Condenser Top Panel Tool

The project consisted of an innovative style change for air conditioning condenser units. DTE designed, fabricated, and proved the dies and additionally created specifications for the customer's new press and transfer line. DTE has the ability to design, fabricate, and prove one die or an entire flexible manufacturing system.



System Overview

- The overall program consisted of thirty transfer dies.
- There were six different top panels with five dies to fabricate each part.
- The seven month program was delivered on schedule.



System Values & Benefits

- Cost Savings based on automatic transfer
- Large scale project all completed simultaneously

System Highlights

- Dies included part sensing.
- Dies included automatic clamping.
- Dies were designed for ease of maintenance and employed common details.
- Utilizing the automated transfer system, versus a manual hand transfer line, represents significant customer cost savings.