



Customer

Major Appliance Manufacturer

Part

Side Tables

Manufacturing Issues

The customer required a highly cosmetic side table for their new product line. The part was made of stainless steel and had a complex shape with multiple holes and a chamfered edge. The customer was concerned about the ability to achieve the required cosmetic standards in a stamping press.



Customer's Outcome

Side tables are being delivered defect-free for assembly at their manufacturing facility

Significant time and money is being utilized with Ultra as their all-inclusive supplier providing die design and building service, metal stamping, packaging and die maintenance services

Customer's Goals

Select a tool shop that could design and build a die of this magnitude.

Select a stamping manufacturer with the capability and capacity to produce highly cosmetic side tables.

Design and Manufacturing Process

The customer selected a tool shop that could design and build a die equipped with in-die sensors to detect and compensate for material variations. The customer also selected a stamping manufacturer with the capability and capacity to produce highly cosmetic side tables.

The customer selected a steel supplier that could provide plastic coating on one-side of the part. The customer also selected a stamping manufacturer that could provide the required cosmetic standards.

One component to maintaining the cosmetic standards was locating a steel supplier that could provide plastic coating on one-side of the part.

The customer selected a stamping manufacturer that could provide the required cosmetic standards. The customer also selected a tool shop that could design and build a die equipped with in-die sensors to detect and compensate for material variations.