

CASE STUDY

TAKEAWAY FOOD CONTAINER WITH LID



Challenge:

An existing Husky customer who manufactures rigid plastic products for food and retail packaging was looking to increase the productivity and lower parts costs for takeaway food containers and lid. The clear lid needed to be easy to remove yet have a secure connection to the base to prevent leakage.



Husky Solution: High Performance/ High Output Stack Molding System

Increased productivity and reduced production costs:

- Melt-delivery system consisting of high performance **Hylectric H600** molding machines
- System featured Reflex platens, stack mold carrier and highly capable injection unit to support application and tooling requirements
- Coupled with Ultra Packaging 4+4 drop Hot Runner system for stack molds

Added Values



7% cycle time reduction



2.5 million more parts



2% part weight reduction



\$51K resin savings/year

Husky Machine Technology	Area of Improvement	Added Values
High Performance clamping unit	Cycle time reduction	Higher production volumes
Reflex Platens	Equal clamp force distribution Lower tonnage requirements	Higher part quality Optimum clamp size for multi-cavity molds
Robust clamp base & linear bearings	Higher mold weight carrying capability Excellent platens parallelism Minimum core shift	Low reject rate Longer mold lifetime
Generous tie-bar spacing & daylight	Max mold cavitation increase	Compact & high productive molding cell
High injection performance	Optimum process window Faster injection & recovery rates High throughput capability	Higher part quality Operational flexibility

