HUSKY®

CASE STUDY
IML THINWALL FOOD CONTAINER AND LID

Challenge:
Limited by their current equipment's cycle time, one producer wanted to reach new levels of productivity and quality in production of their food containers and lids with in-mold label. Improvements to part cost and cycle time were vital.

Husky Solution: High Performance/High Output System

Hylectric H300 and H225 for 200ml and 300ml containers and common lid:

- Reflex platens with equal clamp force distribution delivered better part quality, reduced scrap and extended tooling life
- High performance injection created a wider process window
- Tailored machine configuration optimized performance and efficiency

Added Values

- 10% cycle time reduction
- 2.4 million more parts/year
- Improved part quality
- Increased mold longevity

Husky Machine Technology	Area of Improvement	Added Values
Reflex platens	Uniform clamp force distribution Reduced tonnage requirements	Better part quality Longer mold life
High performing clamp	Cycle time reduction	Higher production volumes Lower part costs
Generous tie-bar spacing & daylight	More space for big multi-cavity tooling	Compact production cell Ease of mold installation and better access for automation
Robust clamp base	Higher mold carrying capacity Excellent platens parallelism	Longer mold life Better part quality
High performing injection unit	Fast injection and recovery Optimal process window High throughput capability	Operational flexibility Better part quality