HUSKY®

CASE STUDY

THINWALL TUB WITH IN-MOLD LABEL

Challenge:
In a highly competitive retail environment, a long-time customer needed to improve productivity and profitability while reducing energy consumption and without compromising their existing premium food containers with in-mold label graphics.

Husky Solution: High Performance and Energy Efficient molding platform

High Performance IMM HyperSync HNP600:

- Electric mold stroke, electric clamp lock and speed variable servo pump contributed to a 35% decrease in energy consumption
- High performance clamp featuring Reflex platens achieved high part quality and low part costs with quick return on initial investment
- High repeatability of moving Platen positioning decreased scrap rate by adding consistent in-mold label placement accuracy

Added Values

- 35% reduced energy consumption
- Annual savings of $30,000
- Decreased scrap rate
- Increased profitability

Husky Machine Technology	Area of Improvement	Added Values
High performance clamping unit	Cycle time reduction Reduce mold cavity & machine size	Higher production volumes Lower part costs
Reflex platens	Equal clamp force distribution Lower tonnage requirements	Better part quality Longer mold life
Robust clamp base and linear bearings	Higher mold weight carrying capability Excellent platens parallelism Minimum core shift	Low reject rate Longer mold life
Generous tie-bar spacing & daylight	More space for big multi-cavity tooling	Better automation and maintenance access
High injection performance	Optimum process window Faster injection and recovery rates High throughput capability	Higher part quality Operational flexibility Optimized lightweighting