

## CASE STUDY

### HEAVY-WEIGHT PAIL WITH IN-MOLD LABEL



#### Challenge:

A tier one brand was looking to produce a heavy-weight 17-liter pail with in-mold label, and desired a high productivity and profitable system to replace an existing two-cavity system. The finished goods were required to pass stringent drop and lid fit testing.



#### Husky Solution: High Performance three-cavity production cell

##### High performance IMM Hylectric 1200:

- Reflex Platens provide equal clamp force distribution enabling optimum clamp size for multi-cavity molds
- Robust clamp base and linear bearings enable higher mold weight carrying capability
- Dual injection unit solution for unmatched throughput capabilities and high output

#### Added Values

- 46% productivity increase
- 3% part weight reduction
- ~1.5 million additional output/year
- \$120K resin savings/year

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
Robust clamp base	Higher mold carrying capacity Excellent platens parallelism	Longer mold life Better part quality
High performing injection units	Fast injection and recovery Optimal process window High throughput capability	Operational flexibility Better part quality
Unique dual injection unit design	Additional throughput capabilities	High Output molding system

