HUSKY®

CASE STUDY

THINWALL SOUP BOWL AND LID

Challenge:
A leading manufacturer of plastics food packaging, located in Asia Pacific, turned to Husky to develop food grade, certified and recyclable food packaging containers. With goals of improving cycle time, reducing energy consumption and stabilizing production runs, achieving high product quality was a priority. The high level of performance and energy efficiency of Husky's HyperSync machines provided the confidence this customer was looking for.

Husky Solution: High Performance and Energy Efficient Molding Platform

Husky HyperSync HN500 & HN600

- High performance clamp featuring Reflex Platens achieve high part quality and lower part cost.
- Robust clamp base with generous tie-bar spacing and large daylight enable higher mold weight carrying capability for multi-cavity and stack tooling.
- Electric mold stroke, electric clamp lock and speed variable servo pump significantly decrease energy consumption without compromising performance.

Added Values

- 30% reduced energy consumption totaling $25,000 savings/year
- Part cost reduction
- 6% increase in productivity
- Local Service Support

Husky Machine Technology	Area of Improvement	Added Values
Reflex platens	Uniform clamp force distribution	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 Less scrap
High injection performance	Optimum process window Faster injection and recovery rates High injection pressure for Thinwall parts	Higher part quality Operational flexibility Optimized light-weighting
Energy efficiency enhancements	Reduced Energy Consumption	Lower parts cost Energy costs savings