

ROBOSHOT: PACKAGING

Caps, Closures, Dispensers, and Containers



Roboshot offers solutions for maximum productivity in the packaging market. The standard pre-injection function allows for faster injection times without vent burning and decompression of clamp force while in the cooling phase. This can reduce cycle time without compromising part quality. Demanding process capabilities include in-mold-labeling, servo unscrewing for caps, or multi-component technology. With the high acceleration injection, instantaneous transition and the high response servo-motor control, Roboshot maintains superior shot weight control.

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Increased production output

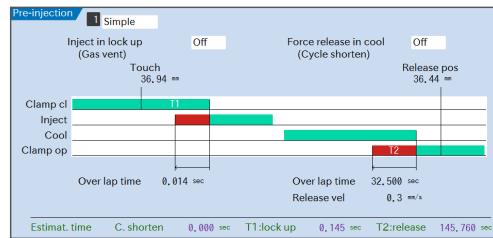
Technology, features and outputs for higher output and up-time operation

- High injection rates
- High injection pressure capability
- High extruder RPM's
- Valve gate interface
- Simultaneous clamp/eject/extruder operation
- Pre-injection
- Clamp force release
- Wide rear gate*
- Shut off nozzle*
- 25:1 L/D*
- Barrier screw*
- High speed clamp*
- High pressure filling mode*
- Integrated hot runner solutions*

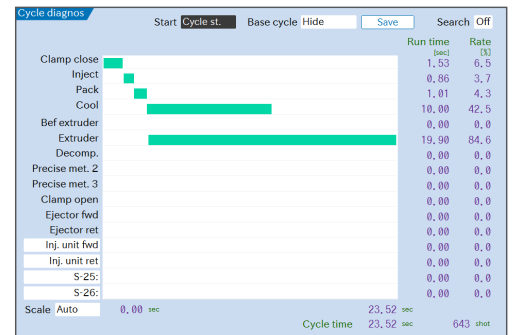
Integrated water systems

High flow water systems are critical for cycle time reduction. Milacron offers many solutions for your most demanding needs. Water Flow can be interlocked to the Roboshot for preventing scrap.

*Optional



Pre-injection function cycle reduction



Cycle diagnosis identifies potential reduction

COMPLETE SYSTEMS DESIGN AND INSTALLATION

- Robotic part handling
- Bulk storage silos
- Water or air cooled chillers
- Blenders
- Conveying
- Hot runner controllers
- Drying
- Press side & central granulators
- Conveyors
- Conveyor systems
- Magnetic mold clamps & mold changing systems
- Central water processing
- Mold temperature controllers