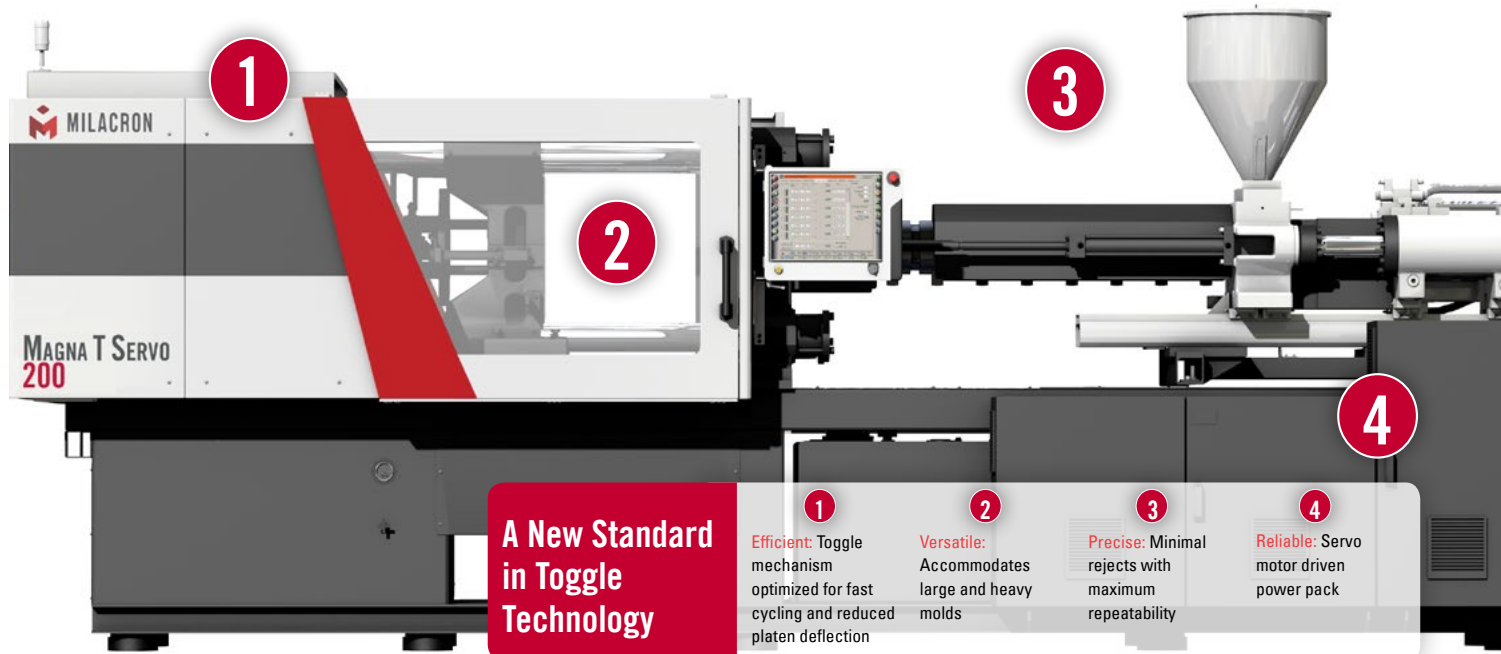


Magna T Servo

500 – 5500 kN



COMBINING THE ADVANTAGE OF A PRECISE AND ACCURATE

toggle mechanism with advanced user-friendly controls, the **MAGNA T SERVO** is a high-value injection molding machine utilizing energy efficient servo motors. Reduced heat generation results in longer life for the hydraulic components and enhanced oil life, while the heat load on the factory floor and cooling water consumption is reduced.

Sizes from 500 – 5500 kN • Medical • Packaging • Automotive • Consumer

Increase Energy Efficiency While Providing **Outstanding Repeatability, Accuracy and Precision**

Magna T Servo

500 – 5500 kN



Exceptional Standard Features

Engineered for Excellence

The **MAGNA T SERVO** offers an energy efficient servo power pack. The result is excellent machine dynamics:

- ✓ Improved cycle precision and repeatability
- ✓ Reduced energy consumption
- ✓ High response, reduced system inertia
- ✓ Substantial noise reduction, quiet gear pump

Robust and Rugged Toggle Mechanism

Its toggle mechanism makes the **MAGNA T SERVO** ideal for the reliable production of high-precision parts

- ✓ Optimized for fast cycling and reduced platen deflection

CLAMP

- ✓ Large tie bar distance
- ✓ Long clamp strokes

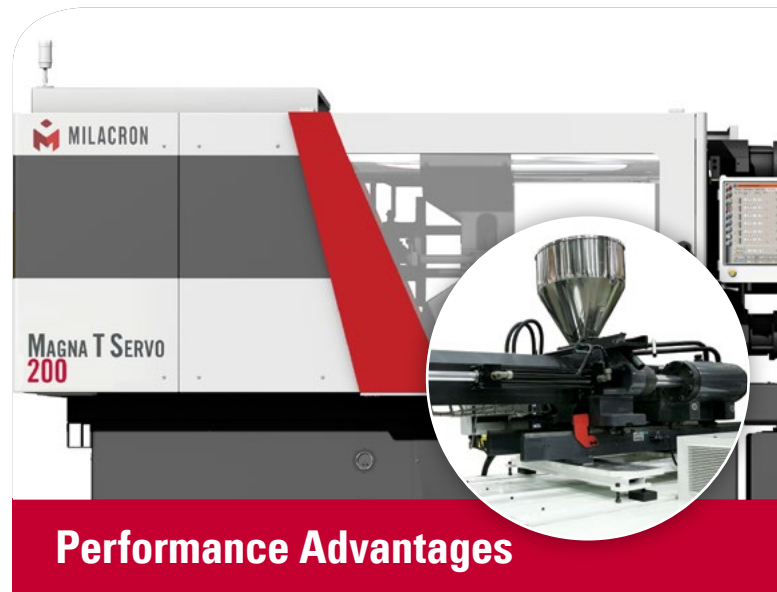
INJECTION

- ✓ Distributes the load equally across screw centerline
- ✓ Injection unit swivel for easy screw removal

DRIVE SYSTEM

- ✓ Improved repeatability
- ✓ Reduced energy consumption
- ✓ Increased accuracy and precision
- ✓ High response

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Performance Advantages

Reduced footprint

A double toggle clamp (1100kN upwards) contributes to better floor space utilization

Double toggle clamp

Provides a faster lock over time to achieve a shorter cycle time

Precise control

Hydraulic valves positioned near actuators for fast response

Even force distribution

Fully guided knock out bar using EUROMAP pattern and multi-point ejection

Automatic grease lubrication

For clamping unit, standard on 1250-5500 kN machines

Energy savings

Servo-controlled motor with an internal gear pump

Clean molding

Graphite infused platen bushing self lubricates increasing toggle mechanism life



ENDURA Touch Control

The new ENDURA touch controls were developed to meet the requirements of the MAGNA T series.

Simple

No page more than 2 clicks away via 15" (~38 cm) touch screen interface

Insightful

Track efficiency with the real-time energy monitor

Comprehensive

With storage of data for up to 80 molds, plus included software for core pulls, robotics, pneumatic valve gates & more