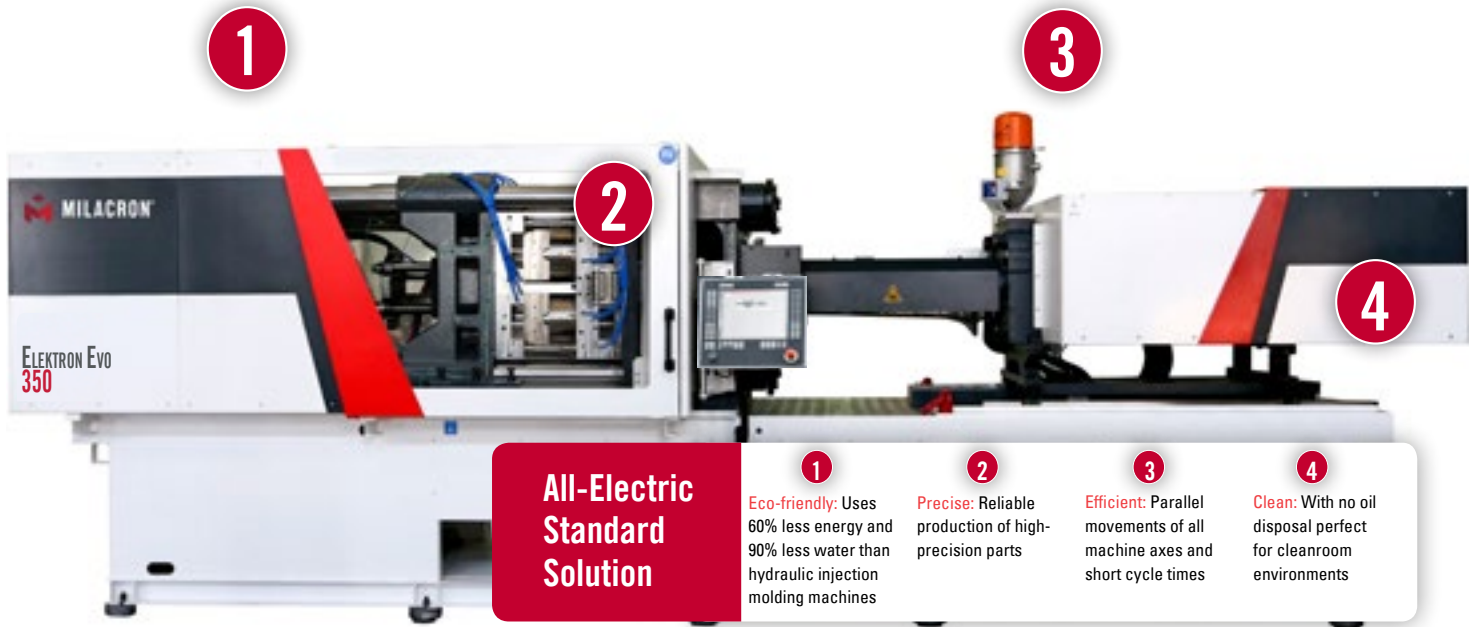


# ELEKTRON Evo

300 – 6500 kN



## ENERGY EFFICIENT, ALL-ELECTRIC TECHNOLOGY

**ELEKTRON EVO** is the product of Milacron's years of innovation in all-electric injection molding technology. Designed for a full range of applications, in a wide variety of sizes, it offers outstanding value to customers to help them achieve their plastics manufacturing goals.

**Sizes from 300 – 6500 kN • Medical • Electrical and telecommunications • Consumer Goods**

- Increased Economy
- Optimal Dynamics
- Providing **Outstanding Repeatability, Precision and Productivity**
- Ideal for clean room manufacturing

# ELEKTRON Evo

300 – 6500 kN



## Exceptional Standard Features

Engineered for Excellence

The **ELEKTRON EVO** offers an economical solution for plastics manufacturers, offering all of the advantages of all-electric injection molding:

### CLAMP

- ✓ Proven, robust, and compact 5-point toggle system
- ✓ Exact ejector positioning via electro-mechanical drive system with ball screw drive
- ✓ Precision parallel platen guides for high speed operation
- ✓ Smooth mold movement to reduce mold wear

### INJECTION

- ✓ A variety of screws for all standard applications
- ✓ Clean, precise linear guides for the injection unit
- ✓ Energy-saving servo motor for injection and plasticizing works perfectly together with belt drives and ball screw drives

### DRIVE SYSTEM

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



## Performance Advantages

#### Economic

Uses 60 % less energy and 90 % less water than hydraulic injection molding machines

#### Precise

Superior part quality with optimal mold protection thanks to precision within 1/100mm on all axes

#### Dynamic

Parallel movements for optimal cycle times

#### Productive

Minimal rejects with maximum repeatability and machine availability

#### Flexible

Suitable for all standard applications

#### Clean

Ideal for clean room operations since no oil is used

#### Quiet

Minimal noise – perfect for personnel-intensive operations and assembly areas



## MOSAIC Control

The new Elektron Evo is equipped with the latest, highly proven MOSAIC control system on swivel arm.

### MOSAIC CONTROL

- ✓ Provides smoother movements while operating at faster cycle times
- ✓ Includes control pages for automation/handling
- ✓ Machine status can be seen via webserver

Milacron c/o Ferromatik Milacron GmbH  
Riegeler Str. 4, D-79364 Malterdingen, +49 (0) 7644 78-0  
europe@milacron.com, www.milacron.com