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**

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**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

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**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

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

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