310, 450, 550, 580, 725, 950, 1125, 1300, 1500, 1800, 2000, 2300, 2600, 3000, 3300, 4000 & 4400

DRIVING EFFICIENCY & REPEATABILITY LIKE NEVER BEFORE

The right technology. The right time. The right company.

CINCINNATI MILACRON
 INDUSTRY’S BROADEST RANGE OF SERVO HYBRID TECHNOLOGY

- Energy efficiency of an all-electric
- Energy efficient servo motor
- Up to 60% energy savings
- Low operating noise
- Low heat load on factory
- 2-platen center tonnage technology
- MOSAIC 2.0 Control
- Precision shot control
- Low system maintenance
- Compact footprint
ENERGY SAVING FROM SERVO HYBRID TECHNOLOGY
Servo motor technology combined with an efficient internal gear pump reaches the operating efficiency of an all-electric machine. The energy savings reduces molding costs, heat load on factory and operational costs.

CONSISTENCY & RELIABILITY
The closed loop control considerably improves the cycle consistency and repeatability compared to a conventional hydraulic injection molding machines.

MINIMIZES MACHINE OIL TEMPERATURE
The servo system only delivers flow as it is needed. This prevents unnecessary generation of heat and significantly reduces oil cooling requirements. The life of seals and hydraulic components are increased, oil life is enhanced and radiated heat load on factory is reduced.

CORE TECHNOLOGY
The Maxima Servo utilizes advanced drive technology. The drives incorporate fast logic control functions and communicate to the MOSAIC Control by high speed data bus. Drives operate in a slave or independent mode to match machine performance requirements.

CHECKED IN CLAMP TONNAGE
Single zero leak clamp cylinder design allows clamp tonnage to be checked in. The overall efficiency of the machine is significantly improved since zero energy is used to maintain clamp tonnage during machine operation.

SIMPLE FRIENDLY OPERATION
MOSAIC 2.0 Control provides an intuitive touchscreen interface. The energy monitor makes it simple to optimize the efficiency of the process. Overall operating efficiency is displayed on a real-time basis along with a reference cycle.
All specifications reflect average values based upon typical machine layouts. Actual figures will vary depending on final machine configuration. If you require more specific data, consult a certified installation print for your particular machine. Performance specifications are based upon theoretical data. Due to continual improvements, specifications are subject to change without notice.

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A COMPREHENSIVE LINE OF PLASTICS TECHNOLOGY SOLUTIONS

### All-Electric

- **Roboshot S2000i-B**
  - High Speed, High-Precision
  - 17 to 385 ton

- **PowerPAK**
  - High Value, Energy Efficient
  - 440 to 1125 ton

### High Performance

- **Vitesse**
  - High Performance
  - 200 to 500 metric ton

- **F-Series**
  - High Performance Hybrid
  - 50 to 650 ton

### Hydraulic

- **K-Tec**
  - 40 to 450 metric ton

- **Magna Vertical Insert**
  - Stationary, Shuttle & Rotary
  - 30 to 280 ton

- **Maxima Mid-Size 2-Platen**
  - 310 to 950 ton

- **Maxima Large 2-Platen**
  - 1100 to 6600 ton

### Servo Hybrid

- **Maxima Servo**
  - Energy Efficient 2-Platen
  - 310 to 4400 ton

- **Magna T Servo**
  - Energy Efficient Toggle
  - 55 to 500 ton

### Auxiliary Equipment

Full line of auxiliaries from pellet & part handling, including dryers, robots, hot runners & much more

### Rebuild & Retrofit Services

Milacron rebuilds & retrofits all injection molding machine brands in any size & any condition. Energy saving options available.

### Extrusion Systems

Twin Counter Rotating Conical, Twin Counter Rotating Parallel, Single Screw Grooved Feed GPAK Series, & Single Screw PAK Extruders