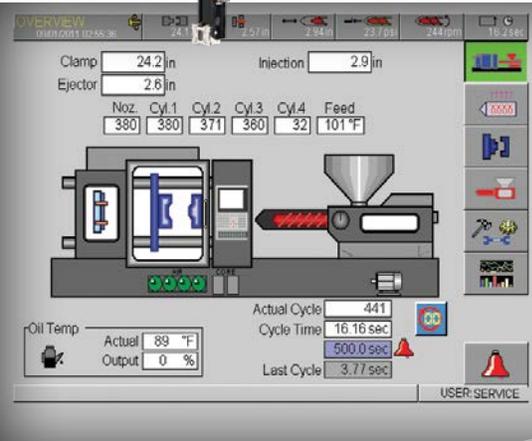




CINCINNATI PROCESS TECHNOLOGIES

# Precision Solutions. Measurable Results.



Reducing costs, improving quality and increasing overall efficiencies for the plastics processing industry

# From cost reduction to process improvement

CPT provides single source solutions for all your technical needs.

To compete in today's global markets, plastics processors need to drive costs down, drive productivity up and improve product quality. To achieve these goals, you need a dedicated solutions partner with plastics industry expertise, a thorough knowledge of your machinery and value-oriented solutions.

**You need Cincinnati Process Technologies.**



## OUR SERVICES



### CONTROL RETROFITS FOR VIRTUALLY ANY MACHINE

Our modern, computerized process controls reduce downtime and maintenance costs while providing better quality control, increased productivity and energy savings. The pros at CPT will identify improvement opportunities and then calculate an optimal return-on-investment strategy. We'll then implement a control system solution that meets your

specific operational needs, stays within your budget and minimizes costly down time. We've overhauled most makes and models of machines.

### HYDRAULIC SYSTEMS UPGRADES

CPT's technicians specialize in plastics processing machinery. We'll analyze your hydraulic system and recommend improvements to optimize machine performance by reducing cycle time, improving repeatability and accuracy, and replacing obsolete components.

### CALIBRATION AND VERIFICATION

CPT will perform a comprehensive machine validation and calibration which will re-establish your machine's capability per the original OEM standards. This process can provide cycle time reductions, improved repeatability and energy savings. It also meets machine validation requirements required by many end user markets and provides a means of calibration verification traceable to the National Institute of Standards and Technology (NIST).

### TECHNICAL SERVICE

With more than a century of plastics machinery experience, CPT's technical staff will solve your most difficult machine problems in a timely, affordable and professional manner. Our service engineers can also develop scheduled preventative maintenance, in-depth training and troubleshooting procedures, so your maintenance staff can efficiently resolve problems without a service call.



**CININNATI PROCESS TECHNOLOGIES**



ASIAN PLASTIC  
Supermaster  
SM150EV2

## OUR PRODUCTS

### SERVO HYBRID INJECTION MOLDING MACHINES

CPT is the North American distributor for new value-priced Asian Plastic injection molding machines, from 30 to 7,000 ton, featuring energy and cost-efficient servo motor pump drive systems. Product offerings include toggle, hydraulic clamp, two-platen and multi-component machines. Start-up, training, service and parts are handled locally by CPT service techs. All AP machines use the latest in computerized control and monitoring systems.

### REPLACEMENT PARTS, BARRELS AND SCREWS

CPT addresses the challenge of sustaining older existing machines by offering affordable parts solutions including new, remanufactured, exchanged or part retrofits. We have new, rebuilt or repaired barrels, feed screws and screw tips for virtually every make and model. Their special designs and metallurgy enable molders to cut cycle time, improve product quality and solve wear issues, all at affordable costs.



### ROBOTICS AND AUTOMATION

CPT is the North American sales and service representative for WE-Technology Automation Co.

Established in 1986, WETEC is a global producer of leading robotics and control systems for the injection molding industry. Our product line includes part extracting, insert loading and material handling robots, sprue pickers, PET cooling, and in-mold labeling systems designed to improve efficiency and reduce labor by precisely performing repetitive tasks.



### AUXILIARY EQUIPMENT

CPT sells, installs and services a full line of auxiliary equipment from leading manufacturers such as Temptek and Thoresen McCosh.

They include chillers, dryers, material handling, loaders and blenders. With top equipment and CPT's expert technicians, you'll be quickly on your way to more efficient and reliable operations.

### VARIABLE FREQUENCY DRIVE APPLICATIONS

The variable speed drive adjusts water pump speed to changing flow and pressure for mold and system cooling and can reduce energy demand by up to 50 percent compared to conventional pump systems. Similar drive systems can optimize machine motor speeds to match actual process demand, realizing up to 70 percent in energy savings.

## OUR PRODUCTS

### NOZZLE LEAK DETECTION

Plastic leaks at the nozzle tip can waste material and energy. CPT's nozzle leak detectors alert plant personnel to leaks, that not only prove costly, but can pose a fire risk as well. Our nozzle leak detectors operate in high-temperature environments (up to 700°F), eliminate costly heater band and thermocouple replacement. They are ideal for unattended operation and large machines with an obstructed view of the nozzle area.



### HYDRAULIC OIL MAINTENANCE

Estat is a highly reliable, industrial electrostatic liquid cleaner for varnish and other industrial fluids. Using time-tested technologies, Estat removes hard particles down to nanometer sizes from most non-detergent lubricants.



### PUMP MD

This is the only device on the market that monitors the health of hydraulic axial piston pumps. You'll avoid costly downtime and be able to plan for maintenance.



### HEAT LOSS PREVENTION

CPT offers several heat loss solutions for injection molding, blow molding and structural foam molding machines. Reducing heat loss into the ambient air of the plant and using less energy for heater bands usually nets a positive ROI within one year.

**CPT is your single-source solution for optimizing processing efficiencies, reducing cost-to-manufacture, maximizing profitability and increasing competitiveness. Call us today for more information.**



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