

We have expanded our product line to include

# TM-1000 Formers

Listen. Improve. Serve.

CALL  
TODAY

920-458-8008



## Why use two when one will do ?

With Tomahawk's 40" (1M) wide forming platform, productivity is greatly increased over narrower machines. Plus, Tomahawk designers have incorporated exciting technology improvements that allow you to EXPECT MORE from your forming machine investment and operation.

### Efficient Changeover

#### Program Pause Technology

Patented Program Pause technology, with constant fill cycle design, eliminates product waste during setup and speed changes. No need to spend time changing electro-mechanical switches and generating product waste. The TM-1000 adjusts to the speed you want with the same stroke speed each time! Simply dial a number into the operator control panel.

### Recipe Recall

Recipe Recall allows fast recovery of setup conditions for previous orders, saving up to 15 minutes each changeover. Enter a recipe for a previous job that you will be running again, and the machine restores the exact settings. It's that simple and fast!

### Clean Up Friendly

Access for clean up is easy. Each and every wash down can be accomplished quickly and efficiently, saving time every changeover

### Reduced Costs

#### Fewer Moving Parts

Tomahawk machines have fewer moving parts to wear out or need replacement. The efficient design of the TM-1000 servo mold plate drive mechanism contains none of the chains, pulleys, switches, and shafts you'd find in a traditional former. Realize dramatic annualized cost savings (parts & labor) from not having the machine down to replace worn parts!

### Text Diagnostics

When a problem develops in the machine, a message appears on the operator panel describing the problem. This is a text message, not some code that operators may not understand, or may have to look up.

### Shutter Technology

Maintenance and operational costs are reduced by replacing the tube valve with a flat shutter plate. Tomahawk's Shutter Technology (patent pending) provides an efficient design that also optimizes product formation quality.

**TOMAHAWK**  
MANUFACTURING INC.  
1204 Pilgrim Road, Plymouth WI 53073

920-458-8008  
[www.tomahawkmfg.com](http://www.tomahawkmfg.com)  
1204 Pilgrim Rd.  
Plymouth, WI 53073

# TM-1000 Formers

Listen. Improve. Serve.

CALL  
TODAY

920-458-8008

## Higher Productivity

The TM-1000 operates consistently and reliably up to 90 strokes per minute. Plus, when you adjust speeds, the machine moves to the new setting without the delay or waste that occurs in traditional formers.

## TECHNICAL DATA

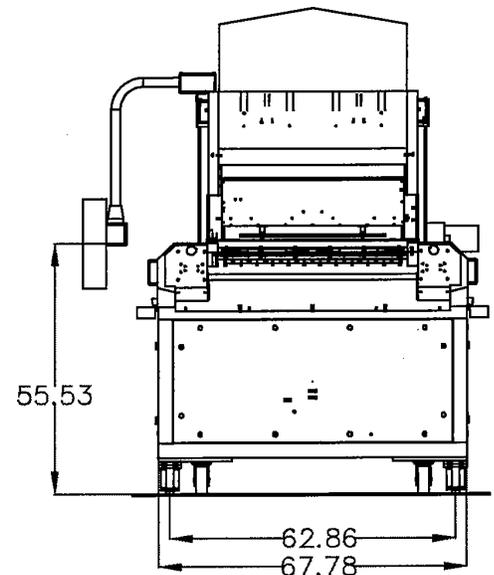
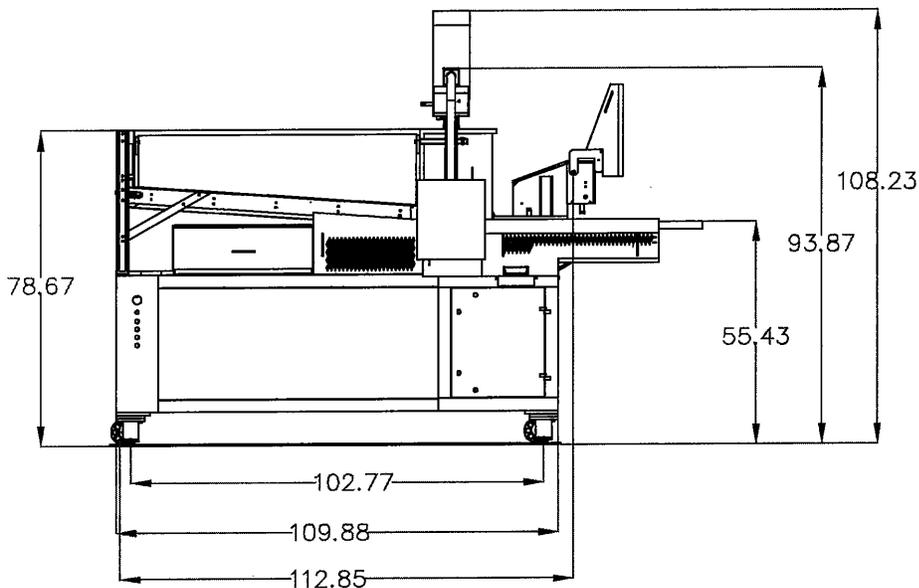
### Utilities Required:

- Electrical– 480VAC 3– phase, 100 amp service
- Compressed air - 90lbs psi @ 2 SCFM
- Water– plant or city water

### Standard Machine Features:

- Clean up friendly design for washing down and sanitizing inside and outside
- Stainless steel frame, externals, guard panels, and much of the machine components for optimum corrosion resistance
- Reversing product conveyor drive to assist with shut down and clean up
- Tomahawk ventilation plate controls and captures breather air and material during mold plate retraction

- Stainless steel manifold with 65–70Rc hard chrome for superior wear resistance
- Servo operated mold plate drive mechanism with closed loop positioning control
- Patented infinitely variable stroke adjustment– 6”- 9” via touch screen input for formation optimization
- Pneumatic knockout tooling support mechanism is electronically timed for up/down movement with machine cycles
- 1500-watt knockout heater
- Eight nozzle knockout water spray with variable orifice control
- Automatic lube system for mold plate drive reduces maintenance
- Industrial duty operator pendant with wash down protective window mounted on swing arm– allows 160 degree movement
- Operator touch screen control panel– English or Spanish text
- Electronic shear pin for quick recovery of knockout plate obstruction



**TOMAHAWK**  
MANUFACTURING INC  
1204 Pilgrim Road, Plymouth WI 53073

920-458-8008  
[www.tomahawkmfg.com](http://www.tomahawkmfg.com)  
1204 Pilgrim Rd.  
Plymouth, WI 53073