

# Patented Multi-Flow® System

**OUR PATENTED MULTI-FLOW® SYSTEM PROVIDES HIGHER PRODUCTION IN EVERY FORMER CONVERSION**

## Features and Benefits:

### Productivity

The Multi-Flow System® provides a larger area of the mold plate to be used for product cavities. This usable space provides up to 100% more product per stroke. For example, 4 to 1 beef patties increase from 5 to 10 patties per stroke. Nuggets increase from 18-27 nuggets per stroke. Multi-Flow® creates more product pieces per stroke; thus increasing productivity within the same or less operational costs.

### Maintenance

Using the Multi-Flow System®, our customers benefit from both increased production and a concurrent decrease in maintenance parts due to machines running at optimal strokes per minute. With each mold plate producing more pieces, less duplicated tooling is needed and less overall space is needed to store tooling. Thus reducing tooling replacement costs, maintenance costs, and associated costs of space to store mold plates, spacers etc...

### ROI

Although results can vary between location-to-location and/or machine-to-machine, we believe a return on investment (ROI) of 1 month or less is not unreasonable, but the norm.

### Connecting rod available for retrofit on all 19" formers

On 19" formers, Multi-Flow® technology utilizes the Tomahawk Connecting Rod. This technology yields the following advantages:

- The Tomahawk Connecting Rod creates a 12% to 20% increase in cycle speed providing increased



Multi-Flow® plate

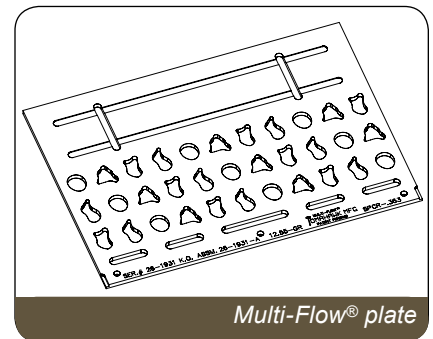
product pieces with the same or better quality.

- Because the connecting rod is hydraulic, shock to the machine is reduced due to the cushioning effects of the hydraulics.
- Due to the design of this technology if replacement or repair is needed, down time is reduced by 70%.

*If Tomahawk Manufacturing can be of any other assistance with your forming needs for tooling, parts and machines be sure to contact your representative.*

### Value

- Multi-Flow® retrofit kit
- TM-1 alloy material
- 4 to 5 day delivery
- Emergency 2-day delivery
- 3-D tooling
- Custom mold plate design
- Meets highest quality standards



Multi-Flow® plate

*See reverse side for a few of our many Multi-Flow® success stories*

## Multi-Flow® System

### Success Stories

#### Advance Brands

##### **26-1089 Strip Shape: Multi-Flow® Conversion**

- They were producing 14 strips/stroke. With the Multi-Flow® conversion they now produce 28 strips/stroke.
- An increase of 50,400 more strips per hour based on 60 strokes per minute.

##### **26-1187 Nugget Shape: Multi-Flow® Conversion**

- They were producing 26 nuggets with each stroke.
- With the addition of a Multi-Flow® conversion, Advanced increased their production from 26 nuggets/stroke to 46 nuggets/stroke; an increase of 72,000 more nuggets per hour based on 60 strokes per minute.

##### **Advanced Brands Conclusion:**

- The Advance Brands Multi-Flow® conversions enabled them to fill their fryer and freezer to capacity.
- They slowed down their F-26 machine and yet increased their production numbers and concurrently stated they have seen a decrease in costs of maintenance parts for this F-26.

#### Tyson-Sedalia

##### **26-1595 KFC Nugget: Mold Plate Assembly designed for Tyson-Sedalia**

- With the Multi-Flow® conversion they could obtain an increase of 7 nuggets per stroke or 36%.
- Would result in an increase of 25,200 more nuggets per hour based on a conservative 60 strokes per minute.

#### - SERVICES OFFERED -

- 24/7 Service
- Spare Parts Department
  - Application Support
  - Technical Support
  - Line Audits

#### - TOMAHAWK WARRANTY POLICY -

*Tomahawk Manufacturing will repair or replace any Tomahawk rebuilt part that fails due to defect in material or workmanship within 12 months from shipment.*

*All OEM parts covered by individual warranties*

**MP** EQUIPMENT  
COMPANY

*Your Best Value for Processing Solutions*



*Specifications subject to change*

main: 770.614.5355 fax: 770.614.5303 [www.mpequipment.com](http://www.mpequipment.com)