## Formax® F•6® features & specifications

### Inches and Metric

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Variable Mold Plate Drive</td>
<td>20-65</td>
</tr>
<tr>
<td>Strokes Per Minute (SPM)</td>
<td>101 (6.5 RPM)</td>
</tr>
<tr>
<td>Hydraulic Compressors System</td>
<td>101 (6.5 RPM)</td>
</tr>
<tr>
<td>Product Pressure Control</td>
<td>20-250 PSI (0.14-1.75 Bar)</td>
</tr>
<tr>
<td>Hopper Capacity – Positive Feed</td>
<td>306 lbs (139 kg)</td>
</tr>
<tr>
<td>Gasoline Mold Plate Area</td>
<td>6&quot; wide x 6&quot; front to back (152 mm x 152 mm)</td>
</tr>
<tr>
<td>Mold Plate Thickness</td>
<td>1/8&quot; thru 1&quot; (3 mm thru 25 mm)</td>
</tr>
<tr>
<td>Centralized Lubrication System</td>
<td>No Lubrication Needed</td>
</tr>
<tr>
<td>CE Compliant</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### UTILITIES & SAFETY

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
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<tbody>
<tr>
<td>KVA Rating</td>
<td>13 KVA</td>
</tr>
<tr>
<td>Electrical Configuration</td>
<td>200/240/380/420/460/575 Volts, 50/60 Hz, 3-Phase 50/30 Amps</td>
</tr>
<tr>
<td>Push Button Panel with Circuit Breaker</td>
<td>Yes</td>
</tr>
<tr>
<td>Meets IP 65/NEMA 4</td>
<td>Yes</td>
</tr>
<tr>
<td>Cross Monitoring Safety Interlock System</td>
<td>Yes</td>
</tr>
<tr>
<td>Radiant Type Heater for Knock-Out Cups with Adjustable Temperature Control and/or Water Spray</td>
<td>Yes</td>
</tr>
<tr>
<td>Strokes Per Minute</td>
<td>20-65</td>
</tr>
<tr>
<td>Paper Interchangeability</td>
<td>Paper hopper and transfer bar are easily removable to change sizes</td>
</tr>
<tr>
<td>Standard Paper Sizes</td>
<td>4.25, 4.5, 4.75, 5, 5.19, 5.5, 5.75, 6&quot; (108, 114, 121, 127, 132, 140, 145, 152 mm)</td>
</tr>
<tr>
<td>Electronic Counter</td>
<td>1-16 portions per stack</td>
</tr>
<tr>
<td>Maximum Stack Height</td>
<td>5.5&quot; (140 mm)</td>
</tr>
</tbody>
</table>

### PAPER FEED SYSTEM

- **Features and Specifications**:
  - **Features**:
    - Variable Mold Plate Drive
    - Strokes Per Minute (SPM)
    - Hydraulic Compressors System
    - Product Pressure Control
    - Hopper Capacity – Positive Feed
    - Gasoline Mold Plate Area
    - Mold Plate Thickness
    - Centralized Lubrication System
    - CE Compliant
  - **Specifications**:
    - 20-65 strokes per minute
    - 101 PSI (6.5 RPM)
    - 20-250 PSI (0.14-1.75 Bar)
    - 306 lbs (139 kg)
    - 6" wide x 6" front to back (152 mm x 152 mm)
    - 1/8" thru 1" (3 mm thru 25 mm)
    - No Lubrication Needed
    - Yes
  - **Utilities & Safety**:
    - 13 KVA
    - 200/240/380/420/460/575 Volts, 50/60 Hz, 3-Phase 50/30 Amps
    - Yes
    - Yes
    - Yes
    - Yes
    - Yes
    - 20-65 strokes per minute
    - Easy removable to change sizes
  - **Paper Sizes**:
    - 4.25, 4.5, 4.75, 5, 5.19, 5.5, 5.75, 6" (108, 114, 121, 127, 132, 140, 145, 152 mm)
    - 1-16 portions per stack
    - 5.5" (140 mm)
The Formax® F•6™ installation dimensions

Inches and Metric

Gross Weight = 2,000 lbs (907 Kgs)

PLC Controlled

The PLC controlled F•6™ uses the latest technology to bring you options you’ve never had before. No matter which product you produce, you can increase production with higher yields, consistent weight control and less down time.

Forming System

The hydraulic compression system precisely controls product flow of each filling cycle, assuring accurate fills and consistent weight control. Single horizontal plungers cover entire mold plate, and operate one-on-one for large volume patties, or several fillings for smaller patties and nuggets. Conveniently located dial and pressure gauge make it easy to adjust forming pressure from 30-250 PSI (2-17.5 Bar) for accuracy.

Quick and Easy Changeovers

A lift system raises the mold cover allowing the mold plate and knock-out cup assemblies to be changed quickly and easily.

Product Flexibility

Can be easily changed from "stack and count" to IQF production for use with flat belt and spiral "in-line" freezers.

Optional Paper Feed System papers fresh product and stacks uniformly in tight formations on the conveyor. Paper product at 20-65 strokes per minute and electronically counts and stacks them from 1-16 portions per stack up to 3 1/2" (89 mm) high. Paper hoppers can be refilled without interrupting production; paper hopper, suction bar and vacuum cups are easily removed to change sizes. Eight standard paper sizes up to 4" (102 mm).

Hygienically-Friendly Design

Sealed stainless steel cabinets are equipped with a blower to reduce humidity and control temperature. Feed screws are removable for easy clean-up. A single person can easily remove parts and prepare for sanitation.

High Speed Mold Plate Drive

The hydraulic mold plate drive powers the F•6™ to variable speeds of 20 to 65 strokes per minute. Mold plates from 1/8" (3 mm) to 1" (25 mm) thickness can be used.

Product Feed Hopper

Product is fed to the pump box. Feed screws, timed alternately "on and off", eliminate tumbling or overworking and preserve texture. Accepts cold, highly extended or sticky formations without bridging. The Positive Feed Hopper has a 300 pound (136 kg) capacity.

As the world leader, you can count on Formax® technology and the full service company behind it from anywhere on the globe. Equipment with the Formax® brand has a reputation for solid, simple construction and rugged reliability. It can be used with the tooling and filling systems we developed to give our customers the competitive edge and add unlimited new product opportunities.

The F•6™ is backed by the most valuable support package in the industry, which includes multi-lingual training and international technical support 24 hours a day, 365 days a year.

FormaScul®

Precise, flexible components that use the F•6™ to produce custom formed products.

Tender-Form®

Low-cost, custom forming technology that uses the F•6™ to form patrons and products.

Verti-Form®

Conveniently located dial and pressure gauge make it easy to adjust forming pressure from 30-250 PSI (2-17.5 Bar) for accuracy.

Product Feeder

High Speed Mold Plate Drive

Quick and Easy Changeovers

Forming System

Product Flexibility

Hygienically-Friendly Design

Positive Feed Hopper

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Quick and Easy Changeovers

A lift system raises the mold cover allowing the mold plate and knock-out cup assemblies to be changed quickly and easily.

Product Flexibility

Can be easily changed from "stack and count" to IQF production for use with flat belt and spiral "in-line" freezers.

Optional Paper Feed System papers fresh product and stacks uniformly in tight formations on the conveyor. Paper product at 20-65 strokes per minute and electronically counts and stacks them from 1-16 portions per stack up to 3 1/2" (89 mm) high. Paper hoppers can be refilled without interrupting production; paper hopper, suction bar and vacuum cups are easily removed to change sizes. Eight standard paper sizes up to 4" (102 mm).

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High Speed Mold Plate Drive

The hydraulic mold plate drive powers the F•6™ to variable speeds of 20 to 65 strokes per minute. Mold plates from 1/8" (3 mm) to 1" (25 mm) thickness can be used.

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Forming System

The hydraulic compression system precisely controls product flow of each filling cycle, assuring accurate fills and consistent weight control. Single horizontal plungers cover entire mold plate, and operate one-on-one for large volume patties, or several fillings for smaller patties and nuggets. Conveniently located dial and pressure gauge make it easy to adjust forming pressure from 30-250 PSI (2-17.5 Bar) for accuracy.

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Sealed stainless steel cabinets are equipped with a blower to reduce humidity and control temperature. Feed screws are removable for easy clean-up. A single person can easily remove parts and prepare for sanitation.

High Speed Mold Plate Drive

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Forming System
The hydraulic compression system precisely controls product flow of each filling cycle, ensuring accurate fills and consistent weight control. Single horizontal plunger covers entire mold plate, and operates one-on-one for large volume patties, or several fillings for smaller patties and nuggets. Conveniently located dial and pressure gauge make it easy to adjust forming pressure from 30-250 PSI (2-17.5 Bar) for accuracy.

Quick and Easy Changeovers
A lift system raises the mold cover allowing the mold plate and knockout cup assemblies to be changed quickly and easily.

Formax® F•6™ installation dimensions

- Tender-Form®
- Poultry-Plus®
- Verti-Form®
- Port-Fill®
- True-Sculpt™
- Positive Feed Hopper
- Product fed to the pump box
- Feed screws, timed alternately “on and off”, eliminate handling or overworking and preserve texture. Accepts cold, highly extended or sticky formations without bridging.
- The Positive Feed Hopper has a 300 pound (136 kg) capacity.

Product Flexibility
Can be easily changed from “stack and count” to IQF production for use with flat belt and spiral “in-line” freezers.

Optional Paper Feed System papers fresh product and stacks uniformly in tight formations on the conveyor. Paper product at 20-65 strokes per minute and electronically counts and stacks them from 1-16 portions per stack up to 5 1/2” (140 mm) high. Paper hoppers can be refillable without interrupting production; paper hopper, vacuum bar and vacuum cups are easily removed to change sizes. Eight standard paper sizes up to 6” (152 mm).

Hygienically-Friendly Design
Sealed stainless steel cabinets are equipped with a blower to reduce humidity and control temperature. Feed screws are removable for easy clean-up. A single person can easily remove parts and prepare for sanitation.

High Speed Mold Plate Drive
The hydraulic mold plate drive powers the F•6™ to variable speeds of 20 to 65 strokes per minute. Mold plates from 1/8” (3 mm) to 1” (25 mm) thickness can be used.

Tender-Form®

Poultry-Plus®

Verti-Form®

Port-Fill®

True-Sculpt™

High Speed Mold Plate Drive

Positive Feed Hopper

Product fed to the pump box

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High Speed Mold Plate Drive

The hydraulic mold plate drive powers the F•6™ to variable speeds of 20 to 65 strokes per minute. Mold plates from 1/8” (3 mm) to 1” (25 mm) thickness can be used.
Formax® F•6® features & specifications

**FEATURE** | **SPECIFICATION**
--- | ---
Variable Mold Plate Drive | Strokes Per Minute (SPM)
>> Hydraulic Compressors System | 100 HP (7.5 kW)
>> Product Pressure Control | 30-250 PSI (2-17.5 Bar)
>> Hopper Capacity – Positive Feed | 300 lbs (136 Kilos)
>> Guide Mold Plate Area | 6" wide x 6" front to back (152 mm x 152 mm)
>> Mold Plate Thickness | 1/8" thru 1" (3 mm thru 25 mm)
>> Centralized Lubrication System | No Lubrication Needed
>> CE-Compliant | Yes

**UTILITIES & SAFETY**

- KVA Rating | 13 KVA
- Electrical Configuration | 208/240/380/420/575 Volts, 50-60 Hz, 3-Phase 50/30 Amps
- Push Button Panel with Circuit Breaker | Yes
- Meets IP 65/NEMA 4
- Cross Monitoring Safety Interlock System | Yes
- Radiant-Type Heater for Knock-Out Cups with Adjustable Temperature Control and/or Water Spray | Yes

**PAPER FEED SYSTEM**

- Strokes Per Minute | 20-65
- Paper Interchangeability | Paper hopper and transfer bar are easily removable to change sizes
- Standard Paper Sizes | 4.25, 4.5, 4.75, 5, 5.5, 6, 6.5, 7.5, 8, 9, 10, 11
- **Electronic Counter** | 1-16 portions per stack
- Maximum Stock Height | 5.5" (140 mm)

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Formax® technology gives you more versatility

For Smaller to Larger Processors

- Available in user-friendly PLC control
- Assures accurate filling and consistent weights
- Hygienically-friendly design helps promote food safety
- Quick and easy changeovers
- Legendary Formax® reliability
- Industry’s best service, parts and training program

Options Include:

- Exclusive Formax® tooling and filling systems: Tender-Form®, Verti-Form®, Forma-Link®, Port-Fill®, Poultry-Plus®, True-Sculpt™ and Sea-Sculpt™
- IQF Production
- Paper Feed System
- Mist Water Spray System
- Shuttle Conveyor
- Swing Conveyor
- Cube-Perforator
- Meatball Roller

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<tr>
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<tr>
<td>Variable Mold Plate Drive</td>
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<td>Strokes Per Minute (SPM)</td>
<td>10 / 50 (7.5 / 3.5 HP)</td>
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<tr>
<td>Hydraulic Compressors System</td>
<td>30-250 PSI (2-17.5 Bar)</td>
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<td>Hopper Capacity – Positive Feed</td>
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<td>Gauged Mold Plate Area</td>
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<td>Mold Plate Thickness</td>
<td>1/8&quot; thru 1&quot; (3 mm thru 25 mm)</td>
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<tr>
<td>Centralized Lubrication System</td>
<td>No Lubrication Needed</td>
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<td>CE-Compliant</td>
<td>Yes</td>
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**Utilities & Safety**

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<td>Electrical Configuration</td>
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<tr>
<td>Push Button Panel with Circuit Breaker</td>
<td>Yes</td>
</tr>
<tr>
<td>Cross Monitoring Safety</td>
<td>Yes</td>
</tr>
<tr>
<td>Photocell Type Heater for Knock-Out Cups with Adjustable Temperature Control and/or Water Spray</td>
<td>Yes</td>
</tr>
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</table>

**Paper Feed System**

<table>
<thead>
<tr>
<th>FEATURE</th>
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<td>Paper Interchangeability</td>
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<td>Standard Paper Sizes</td>
<td>4.25, 4.5, 4.75, 5.3, 5.5, 5.75, 6&quot; (108, 114, 121, 127, 132, 140, 145, 152 mm)</td>
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<tr>
<td>Electronic Counter</td>
<td>1-16 portions per stack</td>
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<tr>
<td>Maximum Stack Height</td>
<td>5.3&quot; (140 mm)</td>
</tr>
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**Formax® F•6® Forming > versatility**

For Smaller to Larger Processors
- Available in user-friendly PLC control
- Assures accurate filling and consistent weights
- Hygienically-friendly design helps promote food safety
- Quick and easy changeovers
- Legendary Formax® reliability
- Industry’s best service, parts and training program

Options Include:
- Exclusive Formax® tooling and filling systems: Tender-Form®, Verti-Form®, Forma-Link®, Port-Fill®, Poultry-Plus®, True-Sculpt™ and Sea-Sculpt®
- IQF Production
- Paper Feed System
- Mist Water Spray System
- Shuttle Conveyor
- Swing Conveyor
- Cube-Perforator
- Meatball Roller