

Formax® technology gives you more innovation F•400



FORMAX
There's more in it for you.

BEEHIVE®

CASHIN®

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WEILER®

THE PROVISUR® FAMILY OF PROVEN BRANDS

PROVISUR
TECHNOLOGIES

The Formax® F•400™ > big system innovation in a mid-sized machine

As the world leader, you can count on Formax® equipment 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•400™ combines the latest technology with a full 15 3/4" (400mm) of usable product width to increase productivity. It's backed by the most valuable support package in the industry, which includes multi-lingual training and worldwide technical support 24 hours a day, 365 days a year.

In User-Friendly PLC

The PLC controlled F•400™ 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 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 20-230 PSI (1.4-15.8 Bar) for accuracy.



Positive 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 formulations without bridging. The hopper has a 500 pound (226 kilo) capacity.

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.

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. CE compliant.



Product Flexibility

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

Optional PLC controlled Paper Feed System papers fresh product and stacks uniformly in tight formation on the conveyor. Papers product at 15-70 strokes per minute and electronically counts and stacks them from 1-20 portions per stack up to 5 1/2" (140mm) high. Paper hoppers can be refilled without interrupting production; paper hopper, vacuum bar and vacuum cups are easily removed to change sizes. Eight standard paper sizes up to 6" (152mm).

High Speed Mold Plate Drive

Independent of the hydraulic forming systems, the mold plate drive's 7.5 HP (5.5 KW) motor powers the F•400™ to variable speeds of 15 to 70 strokes per minute. Mold plates from 1/8" x (3mm) thru 1" (25mm) thickness can be used.



Tender-Form®



Poultry-Plus®



Verti-Form®

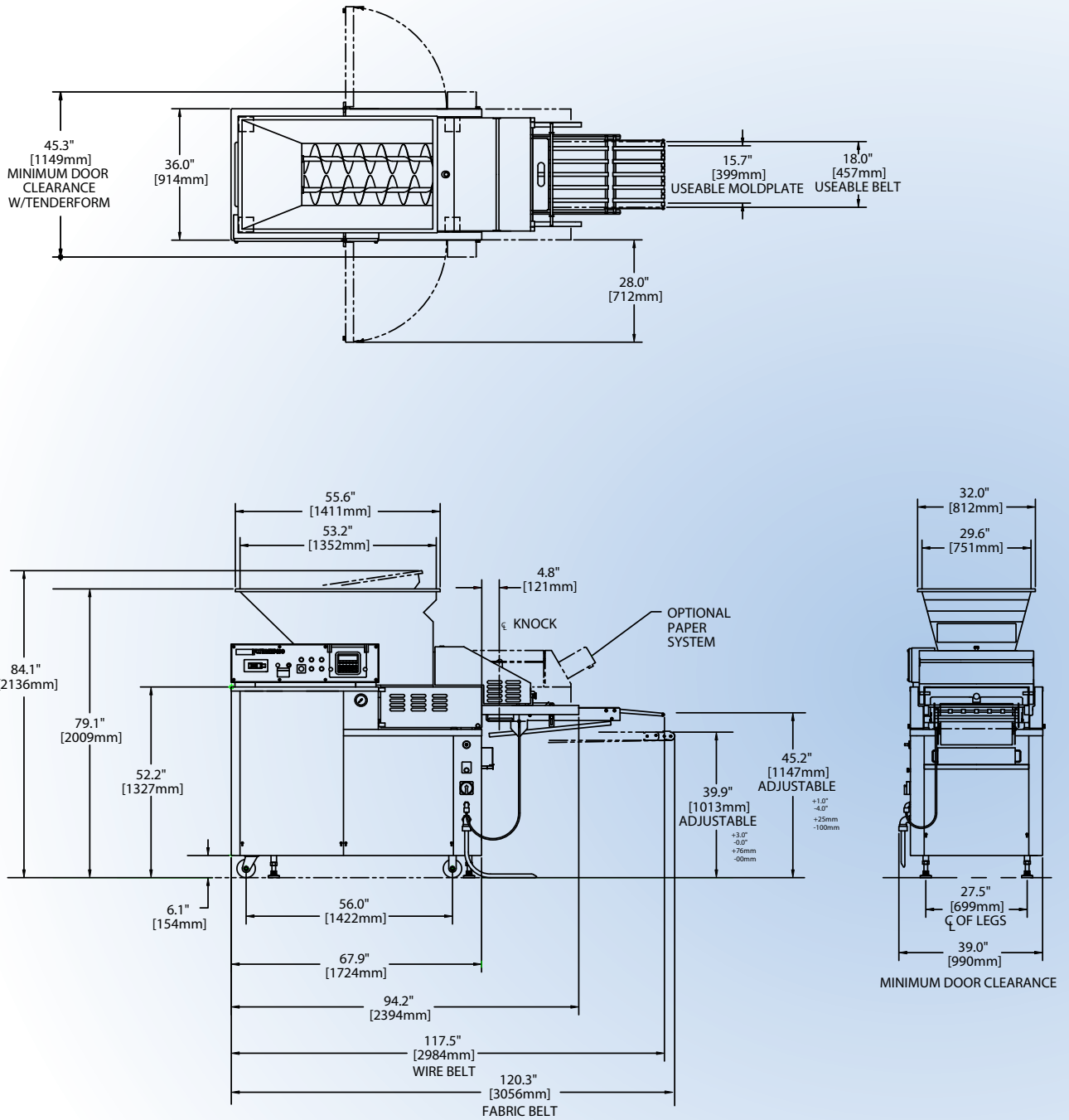


Port-Fill®



True-Sculpi™

Formax® F•400™ > installation dimensions Inches and Metric



Gross Weight = 3,850 lbs (1,750 Kgs)



Formax® F•400™ > features & specifications Inches and Metric

FEATURE	SPECIFICATION
› Variable Mold Plate Drive Strokes Per Minute (SPM)	15-70
› Hydraulic Compression System	10 HP (7.5 KW)
› Product Pressure Control	20-230 PSI (1.4-15.8 Bar)
› Hopper Capacity – Positive Feed	500 lb (226 Kilos)
› Usable Mold Plate Area	15 3/4" wide x 6" front to back (400 mm x 152 mm)
› Mold Plate Thickness	1/8" thru 1" (3 mm thru 25 mm)
› Centralized Lubrication System	Yes
› CE Compliant	Yes
UTILITIES & SAFETY	
› KVA Rating	28 KVA
› Electrical Configuration	200/240/380/420/460/575 Volts, 50-60 Hz, 3-Phase 70/40 Amps
› Push Button Panel with Circuit Breaker Meets IP 65/NEMA 4	Yes
› 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	15-70
› Paper Interchangeability	Paper hopper, vacuum bar and vacuum cups are easily removed to change sizes
› Standard Paper Sizes (consult factory for custom 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)
› Electronic Counter	1-20 portions per stack
› Maximum Stack Height	5.5" (140 mm)

Formax® F•400™ Forming › innovation



Usable mold plate area
15 3/4" (400mm) wide by
6" (152mm) front to back

For Medium Plus Size 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
- › Servo Shuttle Conveyor
- › Cuber-Perforator
- › Bucket Lift

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Provisur® Technologies, Inc.