

# Formax® technology gives you superior line performance

# ULTRA26



**FORMAX**  
*There's more in it for you.*

BEEHIVE®

CASHIN®

FORMAX®

WEILER®

THE PROVISUR® FAMILY OF PROVEN BRANDS

**PROVISUR**  
TECHNOLOGIES

# The Formax® ULTRA26® > reduces maintenance and lowers cost of ownership

The new ULTRA26® offers high volume processors a new path to optimum line performance, reduced maintenance and enhanced portion control. As the new standard of performance, the ULTRA26® fits in the same footprint as the F-26™, uses all existing tooling and features a reengineered frame and cabinet for improved hygiene. Higher productivity and output are available at rates up to 100 strokes per minute and 6,600 pounds (3000 kilograms) per hour. Built for reliability, the ULTRA26® delivers precise weight control while forming products with a natural texture and excellent appearance that today's consumers demand.



## Product Feed Conveyor

Simplified mechanical systems reduce the number of components, ultimately lowering your cost of ownership. An integrated drive roller for the product feed conveyor eliminates chains, sprockets and a separate motor, driving maintenance costs down.

## Servo Mold Plate Drive

Built to perform, the state-of-the-art servo drive system is powered by a direct-coupled servomotor that further reduces mechanical components and enhances system control. The water cooled double enveloping main reducer includes a temperature sensor to monitor its condition. Heavy duty mold plate drive arms and bearings ensure reliable operation.



## Maintenance Friendly, Hygienic Cabinet Design

Double sealed access doors combined with the elimination of seven major frame penetrations ensure a clean and dry cabinet interior. Removable access doors and swing-out electrical panels afford clear access to the cabinet interior for maintenance or inspection.

## Modular Feed Screw Assembly

Each feed screw assembly can be serviced off the machine and independent of the other two assemblies, thereby simplifying maintenance while minimizing machine down time. Heavy duty feed screws with 1/4" (6mm) thick flytes provide reliable performance even with the most demanding products.

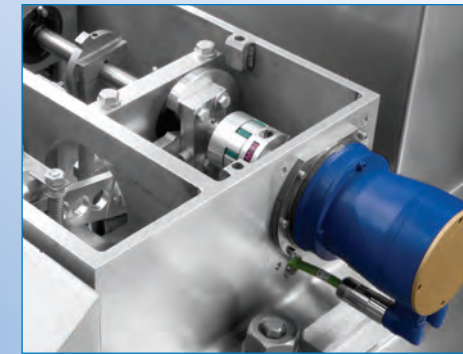
## Production Flexibility

Can be easily changed from "stack-and-count" to IQF production for use with flat belt and spiral "in-line" freezers. The optional Paper Feed System papers fresh product and stacks uniformly in tight formation on the conveyor. Paper hoppers can be refilled without interrupting production.



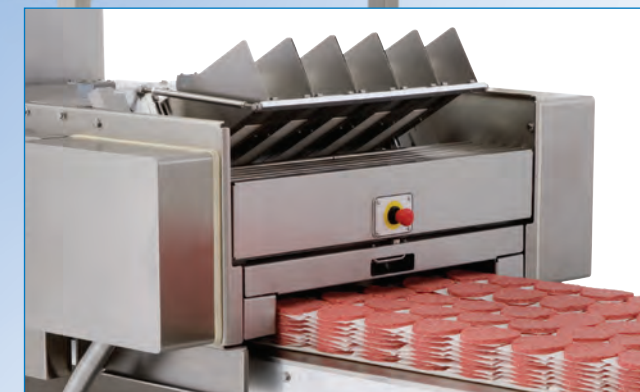
## Mechanically Independent Servo Knock-Out Drive

Using servo technology, Formax® engineers have been able to optimize machine performance and ensure minimal maintenance. The independent servo knock-out drive reduces the number of moving parts and eliminates the drive assembly penetration in the machine cabinet for enhanced hygiene. Heavy duty knock-out cams and arms add to the Formax® advantage.



## Touch Screen Control

The ULTRA26® was designed to simplify operation and reduce maintenance for a more profitable future. A large 15" (380 mm) color touch screen offers a full range of screens displayed in multiple languages to facilitate machine operation, maintenance and trouble shooting. For added convenience, schematics and parts illustrations can be accessed. The system also allows access to machine data for remote machine monitoring.



Tender-Form®



Poultry-Plus®



Verti-Form®

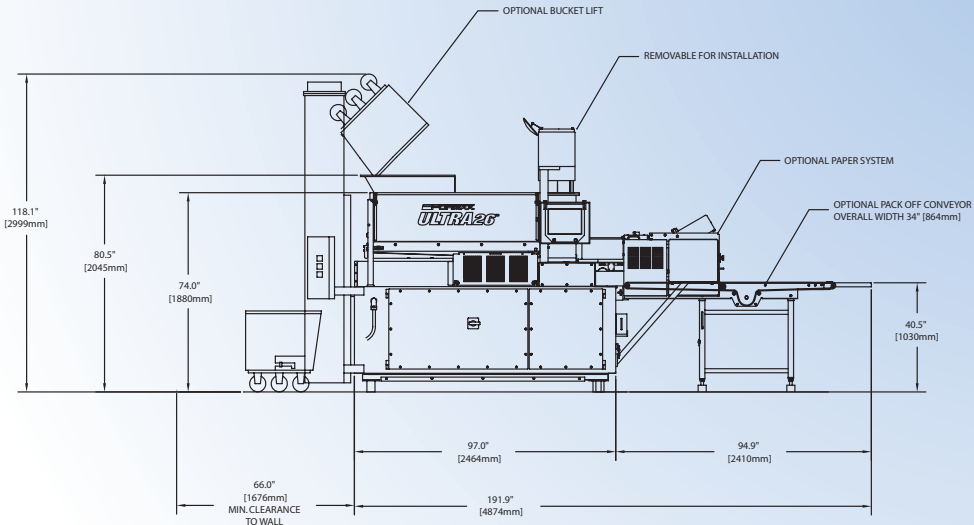
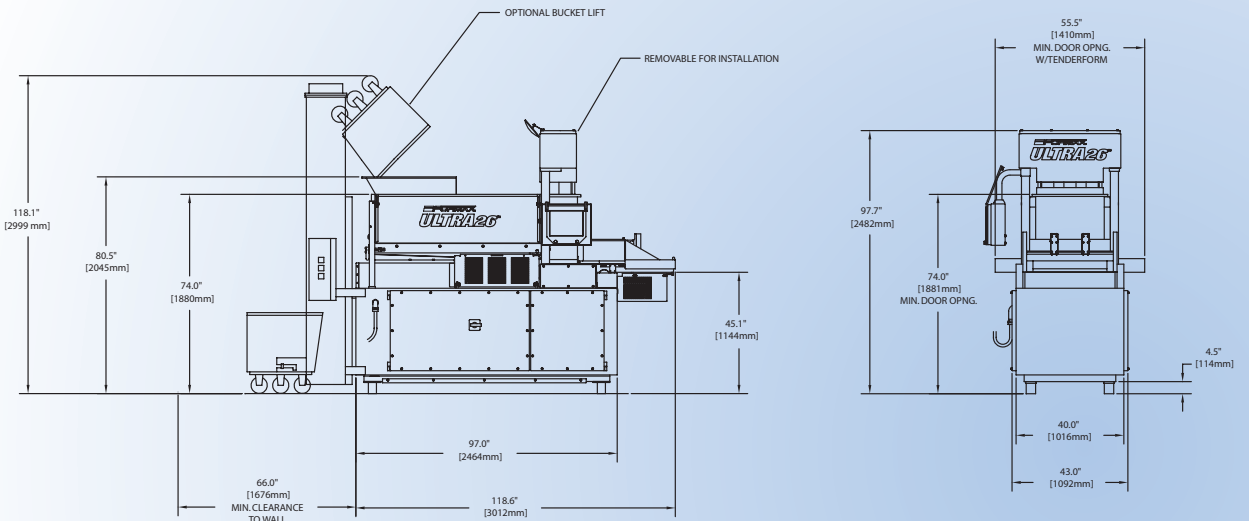
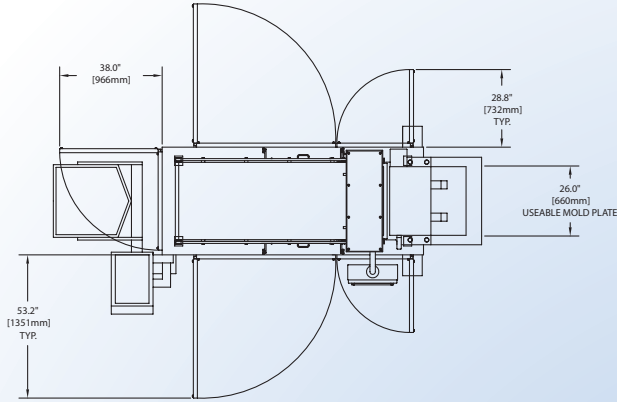


Port-Fill®



True-Sculpt®

**Formax® ULTRA26®** > installation dimensions Inches and Metric



Product Hopper and Touch Screen can be mounted on right or left side.

Gross Weight = 8,030 lbs (3650 Kg)

Gross Weight w/Paper System = 8,530 lbs (3877 Kg)

# Formax® ULTRA26® > features & specifications Inches and Metric

FEATURE	SPECIFICATION
› Touch Screen Control	15" (380 mm)
› Variable Mold Plate Drive Strokes Per Minute (SPM)	25-100 at 9" (228 mm) stroke length
› Available Mold Plate Stroke Length	9, 10" (228, 254 mm)
› Hydraulic Compression System	15 HP (11.2 KW)
› Product Pressure Control	75-250 PSI (5.2-17.2 Bar)
› Hopper Capacity	1000 lb (455 KG)
› Usable Mold Plate Area	26" wide x 6" front to back (660 mm x 152 mm)
› Mold Plate Thickness	3/16" thru 2 5/8" (4.7 mm thru 66 mm)
› Wireless Ethernet Connection	Included
› CE Compliant	Yes

## UTILITIES & SAFETY

› KVA Rating (includes optional bucket lift, knock-out heater and paperfeed system)	38/43 KVA (400/460 Volts)
› Electrical Configuration	400/460 Volts, 50-60 Hz, 3 Phase 56/55 Amps
› Water Requirements (machine / add atomizing water spray)	30 PSI min., 1 GPM at 50F / 30 PSI min., 2 GPM at 50F (2 Bar min., 3.8 LPM, 10C / 2 Bar min., 7.6 LPM, 10C)
› Air Requirements (non-paperfeed / paperfeed)	10 CFM at 80 PSI / 15 CFM at 80 PSI (283.2 LPM at 5.5 Bar / 424.8 LPM at 5.5 Bar)
› Cross Monitoring Safety Interlock System	Category 4 components
› Radiant-Type Heater for Knock-Out Cups with Adjustable Temperature Control and/or Water Spray	Available by application

## PAPER FEED SYSTEM

› Strokes Per Minute	25-100 at 9" (228 mm) stroke length
› 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	1-31 portions per stack
› Maximum Stack Height	6" (152 mm)

## Formax® ULTRA26® > benefits your bottom line

FEATURE	BENEFIT
› Reengineered frame and cabinet with double sealed doors.	Reduced number of cabinet penetrations and improved sealing prevents water and product intrusion into the cabinet and enhances hygiene.
› Stainless steel hydraulic tank.	Eliminates the potential for tank corrosion.
› Modular feed screw and bearing assembly.	Feed screws can be serviced independently, simplifying maintenance.
› Heavy duty feed screws with double sealed, stainless steel enclosure.	Minimizes the potential for feed screw damage when running stiff product while preventing water intrusion into the enclosure.
› Direct mounted servo driven mold plate drive system with heavy duty arms and bearings.	Reduces the maintenance required, even at elevated speeds.
› Water-cooled, double enveloping mold plate drive reducer with temperature sensor.	Designed to run at 100 strokes per minute with extended life.
› Servo driven knock-out drive system with heavy duty cams and arms.	Reduces the number of parts and required maintenance.
› Integrated drive roller for product feed conveyor.	No chains, sprockets, or cabinet penetrations are required, reducing maintenance and associated costs.
› Large touch screen with a full range of operating and maintenance screens.	Facilitates easy operation, maintenance and troubleshooting while providing remote machine monitoring capabilities.
› Integral plunger displacement sensors.	Improves product feed control, reduces parts and maintenance costs and enhances hygiene.

### Options Include:

- › Exclusive Formax® tooling and filling systems:  
Tender-Form®, Verti-Form®, Port-Fill®, Forma-Link®, Poultry-Plus®, True-Sculpt® and Sea-Sculpt®
- › IQF Production and/or Paper Stack and Count
- › Mist Water Spray System
- › Free standing Transfer Conveyor
- › Free standing Cuber-Perforator
- › Product loading Bucket Lift
- › HomeStyle™ Patty System



Provisur® Technologies, Inc.