

Forming

Formax[®] NovaMax[®] 150 and NovaMax[®] 400

Increase Throughput with State-of-the-Art
Forming Technology





NovaMax® : Next Generation Forming Technology

Experience the pinnacle of versatility and performance with the NovaMax 150 and NovaMax 400 forming machines. For processors of any size, the NovaMax 150 and NovaMax 400 boost profits and productivity by assuring accurate filling and consistent weights, easy product changes and a low cost of ownership.

Featuring state-of-the-art electronic controls, the NovaMax 150 and NovaMax 400 deliver higher throughput and precisely controlled weight for a variety of products, including: meat; poultry; protein alternatives; pet food, treats and pharma; bakery products and much more.

Renowned for its solid, simple construction and reliability, NovaMax is backed by the most valuable support package in the industry, which includes operator's manual, initial machine training and worldwide technical support 24 hours a day, 365 days a year.

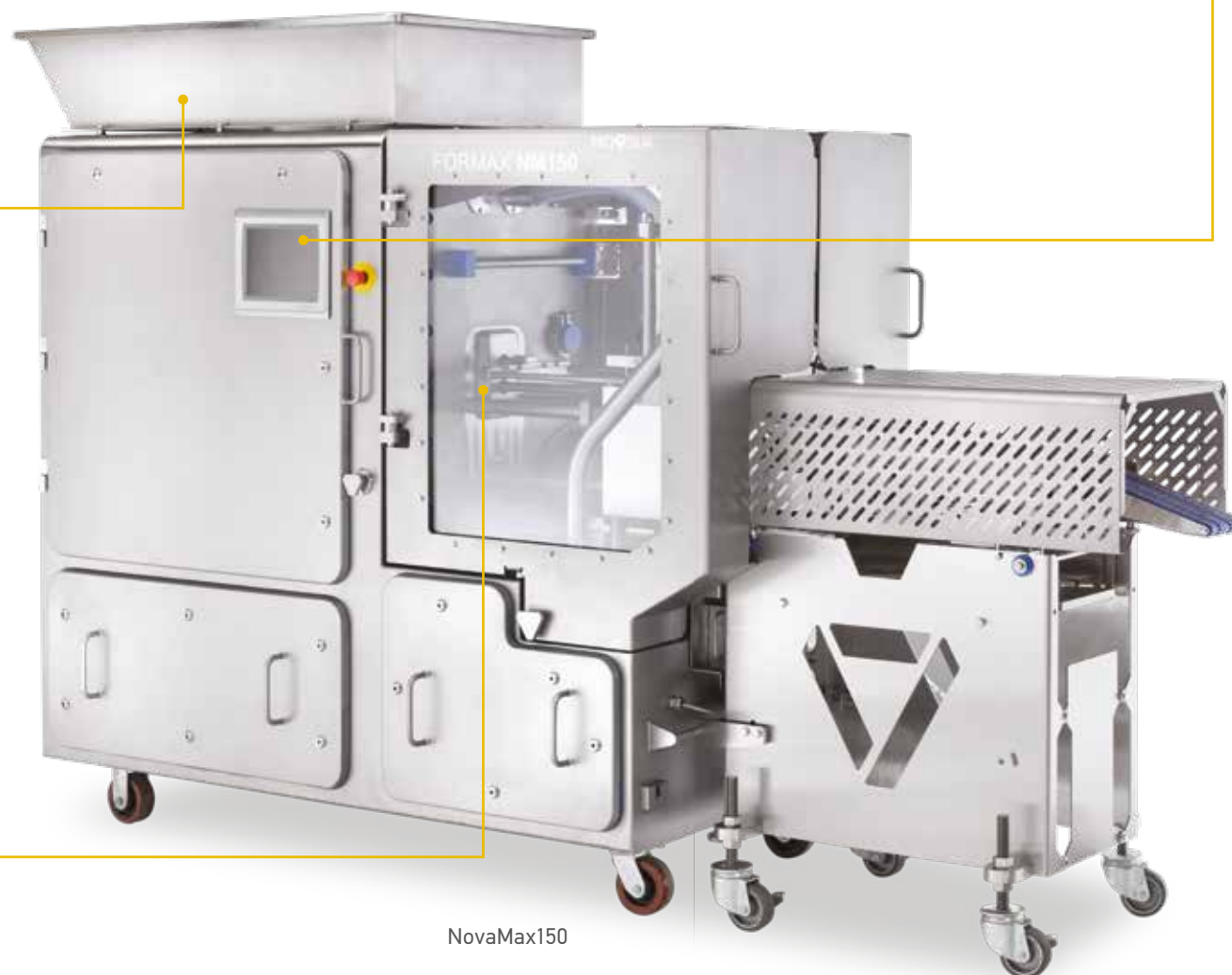
Positive Feed Hopper

The feed screw, timed alternately "on and off", eliminates tumbling or overworking and preserves texture. Accepts cold, highly extended or sticky formulations without bridging. The hopper has a 500-pound (227 kilo) capacity.



Forming System

The hydraulic compression system precisely controls the product flow of each filling cycle, assuring accurate fills and consistent weight control. A single vertical plunger operates one-on-one for large volume patties, or several fillings for smaller patties and nuggets. Conveniently located dial and pressure display make it easy to adjust forming pressure from 50-250 PSI (3.2-17.5 Bar) for accuracy.



NovaMax150

User-Friendly PLC and HMI

The PLC controlled NovaMax 150 and NovaMax 400 use 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 downtime.



Hygienic Design

Sealed stainless steel cabinets are equipped with a blower to reduce humidity and control temperature. The feed screw is removable for easy cleanup. A single person can easily remove parts and prepare for sanitation. CE compliant.



High-Speed Mold Plate Drive

The hydraulically driven mold plate drive powers the NovaMax 150 and NovaMax 400 to variable speeds of 15 to 75 strokes per minute, depending on the product. Mold plates from 1/8" x (3mm) thru 1" (25mm) thickness can be used.

Upgradeable Features

The NovaMax 150 can be easily upgraded to a NovaMax 400 with an in-field conversion process – providing additional capacity as your business grows.

Improve Your Bottom Line with NovaMax Innovations

LOWER COST OF OWNERSHIP	PRODUCT QUALITY	ADVANCED HYGIENE	SUSTAINABILITY
- Minimal moving and stationary parts - All hydraulic/pneumatic operation - High-speed mold plate drive	- Precision manufactured - OEM components - Quality manufacturing program - Solid, durable construction - Legendary Formax reliability	- One-piece pump box - Integrated frame and hopper - Removable feed screw - Stainless steel construction	- Lower energy costs - Fewer wear parts

Features & Specifications

FEATURE	SPECIFICATION	SPECIFICATION
	NovaMax 150	NovaMax 400
Typical Throughput*	2,250 lbs/hour	3,250 lbs/hour
Variable Mold Plate Drive Strokes Per Minute (SPM)	15–75	15–75
Hydraulic System	20 HP (14.9 KW)	20 HP (14.9 KW)
Hopper Capacity – Positive Feed	500 lbs (227 kilos and 227 liters)	500 lbs (227 kilos and 227 liters)
Usable Mold Plate Area	6" wide x 6" front to back (152mm x 152mm)	15.75" wide x 6" front to back (400mm x 152mm)
Mold Plate Thickness	1/8" thru 1" (3mm thru 25mm)	1/8" thru 1" (3mm thru 25mm)
CE Compliant	Yes	Yes
Optional Fill Types	Standard, Tender-Form®, Verti-Form®, Port-Fill®	Standard, Tender-Form®, Verti-Form®, Port-Fill®
Tooling Systems	Poultry-Plus®, Forma-Link®, True-Sculpt®	Poultry-Plus®, Forma-Link®, True-Sculpt®

Utilities & Safety

FEATURE	SPECIFICATION	SPECIFICATION
	NovaMax 150	NovaMax 400
KVA Rating	Base machine = 25 KVA All options = 29 KVA	Base machine = 25 KVA All options = 29 KVA
Electrical Configuration HMI Operator Control	380–460 Volts, 50–60 Hz, 3-Phase 45 Amp Breaker	380–460 Volts, 50–60 Hz, 3-Phase 45 Amp Breaker
Meets IP 65/NEMA 4	Yes	Yes
Cross Monitoring Safety Interlock System	Yes	Yes
Radiant-Type Heater for Knock-Out Cups with Adjustable Temperature Control and/or Water Mister	Yes	Yes

Paper Feed System

FEATURE	SPECIFICATION	SPECIFICATION
	NovaMax 150	NovaMax 400
Strokes Per Minute	15–75	15–75
Paper Interchangeability	Paper hopper and transfer bar are removable to change sizes	Paper hopper and transfer bar are removable 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, 152mm)	4.25, 4.5, 4.75, 5, 5.19, 5.5, 5.75, 6" (108, 114, 121, 127, 132, 140, 145, 152mm)
Cross Monitoring Safety Interlock System	Yes	Yes
Electronic Counter	1–16 portions per stack	1–16 portions per stack
Maximum Stack Height	5.5" (140mm)	5.5" (140mm)

*Actual throughput will depend on application specifications, production requirements and raw material.