

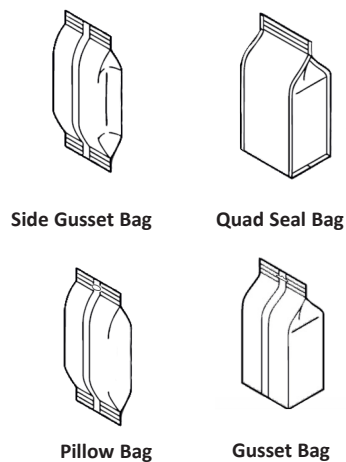
Continuous Motion Vertical Form, Fill & Seal Baggers

The nVenia Lumina Series Continuous Motion Vertical Form, Fill & Seal (VFFS) Machines deliver high-speed pillow, side-gusset, and quattro bags at up to 160 bags per minute in a single-tube configuration. A twin-tube option boosts capacity and provides redundancy in a smaller footprint than two separate machines.

Ideal for food items including coffee, nuts, chips, frozen foods, as well as industrial and specialty products like hardware, pet food, and chemicals — the Lumina operates at lower film speeds to reduce wear and gently handle fragile products. Continuous Motion also creates a controlled downward airflow, containing dust and improving seals when running powders such as coffee or milk powder.

Constructed with 304 stainless steel contact surfaces and servo-driven “D” motion seal jaws, the Lumina ensures smooth, reliable operation at high speeds. When paired with a nVenia dosing system, it centralizes line control through a single 15-inch, icon-based HMI.

Standard features include advanced film tracking, motorized film unwind, automatic stop on film runout, and rapid 5-minute changeovers. Optional features include vacuum film drive belts, reclosable systems, carry handles, nitrogen flushing, thermal transfer printing, label application, valve insertion, and more.

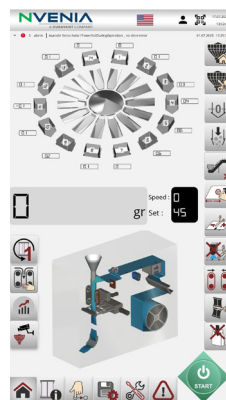


Single Tube Model

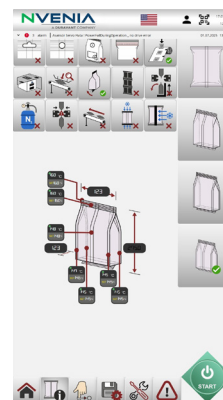


Twin Tube Model

Intuitive Icon Based HMI Interface

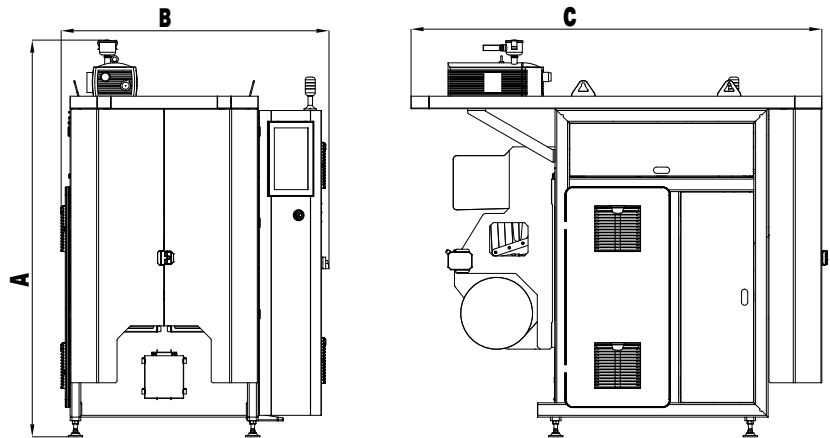


Operational Settings



Bag Settings

DIM.:	A	B	C
CMSS47S	70	50	91
CMSS48S	71	51	91
CMSS49S	75	58	91
CMSS413S	94	67	91
CMSS417S	98	70	91
CMSS421S	102	73	103
CMST47S	70	77	91
CMST48S	71	81	91
CMST49S	75	97	91
CMST413S	94	112	91
CMQS47S	100	62	91
CMQS48S	120	70	91
CMQS412S	126	73	91
CMQT47S	120	101	91
CMQT48S	126	115	91



Final layout may vary.

FEATURES





- Intuitive 15" icon-based HMI with centralized line control when paired with a nVenia dosing system
- Speeds up to 160 bags per minute in single-tube configuration
- Continuous motion with slow film speed cushions product drop and reduces dust
- Servo-driven "D" motion seal jaws for longer dwell time and consistent seals

- Tool-less changeover for film rolls, forming tubes, and seal jaws

SPECIFICATIONS

- 480 VAC 3-Phase 60Hz
- 10 CFM 90PSI Clean Dry Air

TECHNICAL DATA

	Operation	Seal	Tube	Min Bag Width	Max Bag Width	Min Bag Length	Max Bag Length	Fold & Seal	Max Operational Speed (bags/min)	Pillow Bag 	Side Gusset Bag 	Flat Bottom Gusset Bag 	Quad / Quattro Bag 
CMSS47S	CM	S	S	3.25	7	5	9.75	S	160	Y	Y	Y	
CMSS48S	CM	S	S	3.25	8.5	5	11.75	S	160	Y	Y	Y	
CMSS49S	CM	S	S	3.25	9.25	5	15.5	S	120	Y	Y	Y	
CMSS413S	CM	S	S	3.25	13.25	5	23.5	S	90	Y	Y	Y	
CMSS417S	CM	S	S	3.25	17.25	5	27.5	S	60	Y	Y	Y	
CMSS421S	CM	S	S	3.25	21.25	5	35.25	S	40	Y	Y	Y	
CMST47S	CM	S	T	3.25	7	5	9.75	S	300	Y	Y	Y	
CMST48S	CM	S	T	3.25	8.5	5	11.75	S	300	Y	Y	Y	
CMST49S	CM	S	T	3.25	9.25	5	19.5	S	240	Y	Y	Y	
CMST413S	CM	S	T	3.25	13.25	5	27.5	S	160	Y	Y	Y	
CMQS47S	CM	Q	S	4	7	5	15.5	S	80				Y
CMQS48S	CM	Q	S	4	8.5	5	25.5	S	60				Y
CMQS412S	CM	Q	S	4	12.5	5	31.25	S	40				Y
CMQT47S	CM	Q	T	4	7	5	15.5	S	160				Y
CMQT48S	CM	Q	T	4	8.5	5	23.5	S	120				Y