

Winpak Vari-Fill® Machines

The most reliable and flexible fill/seal packaging machines for single serve and portion control packaging applications.



WVF VARI-FILL® IN-LINE FILLING MACHINES

Winpak WVF In-Line Fill/Seal Cup Machines

Winpak WVF Vari-Fill® horizontal in-line fill/seal packaging machines are innovative cup machines designed to run preformed round cups for a wide variety of applications. Winpak offers a selection of models available with maximum outputs from 240 to 1,200 packages per minute. With the capability to run a wide selection of products and packaging sizes, Vari-Fill® machines are the perfect choice for nearly any product or application.

- ✓ **Many base configurations available**
- ✓ **Customized configurations available for special applications**
- ✓ **Variety of options available**
- ✓ **Outputs to match user needs**
- ✓ **Product flexibility**
- ✓ **Packaging flexibility**
- ✓ **Ease of operation**
- ✓ **Improved efficiencies**
- ✓ **Reliability**



Vari-Fill® Means Flexibility

The Vari-Fill® line of packaging machines are designed to run a wide range of product applications.

Applications include condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, margarine, butter, spreads, and many other liquid and semi-viscous products.

Winpak Means Total Packaging Solutions

Winpak is a recognized leader in creating packaging solutions for the food, dairy, beverage, healthcare, and industrial markets. Winpak provides total packaging solutions with innovative packaging machinery and high-quality packaging materials. Winpak also has a full support network of engineering and technical service professionals. Winpak has been providing complete packaging systems to companies worldwide for over 30 years.

- ✓ **Innovative packaging machines**
- ✓ **High-quality packaging materials**
- ✓ **Expert engineering and technical support**



WVF VARI-FILL® IN-LINE FILLING MACHINES

BASIC CONFIGURATIONS SELECTION GUIDE

	WVF-6-S	WVF-12-S	WVF-4-C	WVF-8-C	WVF-4-LD	WVF-8-LD	WVF-6-B	WVF-6-D
Cup Rim Diameters:	37 mm or 41 mm	37 mm or 41 mm	51 mm	51 mm	60 mm	60 mm	70 mm	75 mm
Nominal Fill Volume (Min.):	0.29 fl. oz. (8 ml)	0.29 fl. oz. (8 ml)	0.375 fl. oz. (11 ml)	0.375 fl. oz. (11 ml)	1.0 fl. oz. (29 ml)	1.0 fl. oz. (29 ml)	1.25 fl. oz. (37 ml)	1.0 fl. oz. (29 ml)
Nominal Fill Volume (Max.):	0.48 fl. oz. (14 ml)	0.48 fl. oz. (14 ml)	1.50 fl. oz. (44 ml)	1.50 fl. oz. (44 ml)	2.0 fl. oz. (59 ml)	2.0 fl. oz. (59 ml)	4.0 fl. oz. (118 ml)	6.0 fl. oz. (177 ml)
Normal Lid Style:	Daisy Chain Flexible Lidding	Daisy Chain Flexible Lidding	Daisy Chain Flexible Lidding	Daisy Chain Flexible Lidding	Daisy Chain Flexible Lidding	Daisy Chain Flexible Lidding	Die-cut Flexible Lidding	Die-cut Flexible Lidding
Typical Product Applications:	Margarine, butter, and various other whipped and non-whipped spreads	Margarine, butter, and various other whipped and non-whipped spreads	Margarine, butter, and various other whipped and non-whipped spreads Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	Margarine, butter, and various other whipped and non-whipped spreads Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	Condiments, Dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products
Packages Per Cycle	6	12	4	8	4	8	6	6
Max. Cycles Per Minute	100	100	75 60	75 60	60	60	55	50
Max. Packages Per Minute:	600	1,200	300 240	600 480	240	480	330	300

All sales are subject to Winpak's general terms and conditions.

Basic configurations are shown. Contact Winpak to discuss customization and/or special application requirements.

Actual cycles per minute and actual packages per minute will vary depending upon product, fill conditions, product packaging, and application.

All specifications are approximate and may vary slightly with options. Refer to the system drawings.

WVF-6-S VARI-FILL® IN-LINE FILLING MACHINE

<u>MACHINE SPECIFICATIONS</u>		<u>MACHINE FEATURES</u>
Cup Rim Diameters:	37 mm, 41 mm	<ul style="list-style-type: none"> ✓ 6 lanes wide ✓ Stainless steel construction ✓ Accurate time pressure depositor or volumetric slug depositor (butter) ✓ PLC automated with advanced alarm monitoring ✓ Individual PID temperature controls ✓ Resilient heat sealing ✓ Encoder positioning ✓ AC variable speed drive ✓ Color touchscreen operator interface ✓ Low maintenance single line shaft drive ✓ NEMA 4X industrial controls and enclosures ✓ Automatic chain lubrication ✓ Interlocked perimeter guarding ✓ Single operator ✓ High volume output ✓ Small footprint ✓ Torque overload
Packaging Format:	Round preformed cups with daisy chain lidding	
Nominal Capacity:	Minimum = 0.29 fl. oz. (8 ml) Maximum = 0.48 fl. oz. (14 ml)	
Cup Material:	Polystyrene	
Lid Materials:	Variety of daisy chain lidding materials	
Product Applications:	Margarine, butter, and various other whipped and non-whipped spreads	
Machine Format:	In-line	
Production Speed:	Variable up to 600 packages/minute (Dependent upon product application)	
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Required for heated drip tray) ½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	
Dimensions:	125" length x 58" width x 117" height (3.2 m x 1.5 m x 3.0 m)	<p style="text-align: center;"><u>OPTIONS</u></p> <ul style="list-style-type: none"> ✓ Automated pack-off equipment ✓ No cup and no lid sensors ✓ HEPA hood (included on butter systems)
Uncrated Weight:	2,500 lbs. (1,134 kg)	

Nominal container capacity is from the fill line.

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WVF-12-S VARI-FILL® IN-LINE FILLING MACHINE

<u>MACHINE SPECIFICATIONS</u>		<u>MACHINE FEATURES</u>
Cup Rim Diameters:	37 mm, 41 mm	✓ 12 lanes wide
Packaging Format:	Round preformed cups with daisy chain lidding	✓ Stainless steel construction
Nominal Capacity:	Minimum = 0.29 fl. oz. (8 ml) Maximum = 0.48 fl. oz. (14 ml)	✓ Accurate time pressure depositor or volumetric slug depositor (butter)
Cup Material:	Polystyrene	✓ PLC automated with advanced alarm monitoring
Lid Materials:	Variety of daisy chain lidding materials	✓ Individual PID temperature controls
Product Applications:	Margarine, butter, and various other whipped and non-whipped spreads	✓ Resilient heat sealing
Machine Format:	In-line	✓ Encoder positioning
Production Speed:	Variable up to 1,200 packages/minute (Dependent upon product application)	✓ AC variable speed drive
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Required for heated drip tray) ½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	131" length x 79" width x 118" height (3.3 m x 2.0 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	3,200 lbs. (1,452 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ High volume output
		✓ Small footprint
		✓ Torque overload
		<u>OPTIONS</u>
		✓ Automated pack-off equipment
		✓ No cup and no lid sensors
		✓ HEPA hood (included on butter systems)

Nominal container capacity is from the fill line.

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WVF-4-C VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	51 mm	✓ 4 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil or daisy chain lidding	✓ Stainless steel construction
Nominal Capacity:	Minimum = 0.375 fl. oz. (11 ml) Maximum = 1.5 fl. oz. (44 ml)	✓ Simple and flexible filling pump adjustment
Cup Materials:	Polystyrene, Polystyrene Barrier, Polypropylene, Polypropylene Barrier	✓ CIP capability standard
Lid Materials:	Variety of daisy chain or die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, margarine, butter, spreads, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 300 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	125" length x 58" width x 117" height (3.2 m x 1.5 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	2,500 lbs. (1,134 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Pack-off conveyors
		✓ Date coding
		✓ HEPA hood
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

Nominal container capacity is from the fill line.

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WVF-8-C VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	51 mm	✓ 8 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil or daisy chain lidding	✓ Stainless steel construction
Nominal Capacity:	Minimum = 0.375 fl. oz. (11 ml) Maximum = 1.5 fl. oz. (44 ml)	✓ Simple and flexible filling pump adjustment
Cup Materials:	Polystyrene, Polystyrene Barrier, Polypropylene, Polypropylene Barrier	✓ CIP capability standard
Lid Materials:	Variety of daisy chain or die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, margarine, butter, spreads, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 600 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	131" length x 79" width x 118" height (3.3 m x 2.0 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	3,200 lbs. (1,452 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Automatic case packers pack-off conveyors
		✓ Date coding
		✓ HEPA hood
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

Nominal container capacity is from the fill line.

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WVF-4-LD VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	60 mm Lil' Dippers®	✓ 4 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil or daisy chain lidding	✓ Stainless steel construction
Nominal Capacity:	Minimum = 1.0 fl. oz. (29 ml) Maximum = 2.0 fl. oz. (59 ml)	✓ Simple and flexible filling pump adjustment
Cup Materials:	Polypropylene, Polypropylene Barrier, Polystyrene	✓ CIP capability standard
Lid Materials:	Variety of daisy chain or die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 240 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	125" length x 58" width x 117" height (3.2 m x 1.5 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	2,500 lbs. (1,134 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Pack-off conveyors
		✓ Date coding
		✓ HEPA hood
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

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WVF-8-LD VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	60 mm Lil' Dippers®	✓ 8 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil or daisy chain lidding	✓ Stainless steel construction
Nominal Capacity:	Minimum = 1.0 fl. oz. (29 ml) Maximum = 2.0 fl. oz. (59 ml)	✓ Simple and flexible filling pump adjustment
Cup Materials:	Polypropylene, Polypropylene Barrier, Polystyrene	✓ CIP capability standard
Lid Materials:	Variety of daisy chain or die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 480 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	131" length x 79" width x 118" height (3.3 m x 2.0 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	3,200 lbs. (1,452 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Automatic case packers
		✓ Manual pack-off conveyors
		✓ Date coding
		✓ HEPA hood
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

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WVF-6-B VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	70 mm	✓ 6 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil	✓ Stainless steel construction
Nominal Capacity:	Minimum = 1.25 fl. oz. (37 ml) Maximum = 4.0 fl. oz. (118 ml)	✓ Simple and flexible filling pump adjustment
Cup Material:	Polystyrene	✓ CIP capability standard
Lid Materials:	Variety of die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, ketchup, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 330 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	131" length x 79" width x 118" height (3.3 m x 2.0 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	3,200 lbs. (1,452 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Pack-off conveyors
		✓ Date coding
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

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WVF-6-D VARI-FILL® IN-LINE FILLING MACHINE

MACHINE SPECIFICATIONS		MACHINE FEATURES
Cup Rim Diameter:	75 mm Big Dippers®	✓ 6 lanes wide
Packaging Format:	Round preformed cups with individually die-cut foil lids	✓ Stainless steel construction
Nominal Capacity:	Minimum = 1.0 fl. oz. (29 ml) Maximum = 6.0 fl. oz. (177 ml)	✓ Simple and flexible filling pump adjustment
Cup Materials:	Polystyrene, Polypropylene, Polypropylene Barrier	✓ CIP capability standard
Lid Materials:	Variety of die-cut foil lidding materials	✓ PLC automated with advanced alarm monitoring
Product Applications:	Condiments, dips, sauces, salad dressings, cream cheese, sour cream, syrups, and many other liquid and semi-viscous products	✓ Individual PID temperature controls
Machine Format:	In-line	✓ Resilient heat sealing
Production Speed:	Variable up to 300 packages/minute (Dependent upon product application)	✓ Encoder positioning
Electrical Power:	208/230 VAC, 3 Phase, 30 Amps (Alternative electrical power available)	✓ Color touchscreen operator interface
Air:	Nominal = 8 scfm (3,776 cm ³ /sec) @ 90 psi (620 kPa) Minimum Pressure = 80 psi (551 kPa)	✓ Low maintenance single line shaft drive
Water:	½ gpm (2 liter/min) @ 100 - 120°F (38 - 49°C) (Optional for plate spray)	✓ NEMA 4X industrial controls and enclosures
Dimensions:	131" length x 79" width x 118" height (3.3 m x 2.0 m x 3.0 m)	✓ Automatic chain lubrication
Uncrated Weight:	3,200 lbs. (1,452 kg)	✓ Interlocked perimeter guarding
		✓ Single operator
		✓ Small footprint
		✓ Torque overload
		OPTIONS
		✓ Pack-off conveyors
		✓ Date coding
		✓ Product supply, fill, and level control options
		✓ Modified atmosphere packaging (MAP)

Nominal container capacity is from the fill line.

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