




# SMART Complete Line Bottling Packaging System for Pharmaceutical & Cosmetic Industries

Proudly Made In Malaysia 



# Bottle Unscrambling Machine

## HU60 / HU120 / HU180



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Bottle elevator for ergonomic loading .
- Purely mechanical motion without air supply.
- Discharge conveyor with bottle toppled rejection.
- Quick change over for different bottle diameter.
- 3 level user management.
- Recipes.
- Audit Trial.
- OEE Dashboard.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical speed	: 60bpm / 120bpm / 180bpm
Production speed	: up to 50bpm / 100bpm / 150bpm
Bottle range (plastic only)	: Round bottle $\phi$ 10~60mm
Electricity	: 220-240VAC, 1HP
Machine Dimension	: L1670mm x W1760mm x H1760mm

*Disclaimer : Photos are for illustration purpose only.  
Machine dimension excluding conveyor length.*

# Bottle Rinsing or Blowing Machine

## HR60 / HR120 / HR180



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Bottle will be inverted during rinsing or blowing process.
- Suitable for Air or Water rinse.
- Ionizer for air blowing.
- 3 level user management.
- Recipes.
- Quick change over for different bottle diameter.
- Audit Trial.
- OEE Dashboard.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

- Mechanical Speed : 60bpm / 120bpm / 180bpm
- Production Speed : up to 50bpm / 100bpm / 150bpm
- Bottle Range : Round bottle  $\phi$ 10~60mm
- Electricity : 2KW @ 380-415VAC.
- Air Supply : 50LPM @ 6bar
- Machine Dimension : L1360mm x W1160mm x H1870mm (HR60)
- : L1360mm x W1160mm x H1870mm (HR120)
- : L1680mm x W1180mm x H1870mm (HR180)

*Disclaimer : Photos are for illustration purpose only.  
Machine dimension excluding conveyor length.*

# Liquid Filling & Capping Machine

## HFC60 / HFC120 / HFC180



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Mechanical CAM Driven design for smooth and robust operation.
- No Bottle no fill.
- No Cap Detection & Rejection.
- 3 level user management.
- Recipes.
- 316L product contact parts with sanitary tri clamp joint.
- Servo Drive Piston Filling System.
- Cap Sorter by Elevator type.
- Servo Capping with adjustable torque control.
- Quick change over for different bottle diameter.
- Audit Trail.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

- Mechanical Speed : 60bpm / 120bpm / 180bpm
- Production Speed : up to 50bpm / 100bpm / 150bpm
- Filling Accuracy : +/-1%
- Filling range : 10ml ~150ml
- Suitable Caps : SOC, ROPP or POC
- Electricity : 3KW @ 380 - 415VAC.
- Air Supply : 60LPM @ 6bar
- Machine Dimension: L1560mm x W1260mm x H1870mm (HFC60)
- : L1800mm x W1450mm x H1870mm (HFC120)
- : L1900mm x W2000mm x H1870mm (HFC180)

*Note : Optional Buffer Tank, Turn Table, Inner plug, N2 flushing, Laminar flow can be add on.*

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Machine dimension excluding conveyor length.*

# Capping Inspection Machine

## HI 180



### FEATURES

- Bottle pitching module.
- Auto rejection without machine stop.
- 3 level user management.
- Recipes.
- Quick change over for different bottle diameter and cap type via Recipe.
- Quick change over for different bottle diameter.
- Audit Trail.
- OEE Dashboard.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical Speed : 180bpm  
Production Speed : up to 150bpm  
Type of Detection : Cap Missing, Cap slanted, Loosed Cap, Bulging, Ring Broken, Cap damaged.  
Electricity : 1KW @ 380-415VAC.  
Air Supply : 30LPM @ 6bar  
Machine Dimension : L680mm x W890mm x H1690mm

# Auto Cupping Machine

## HCU60 / HCU120 / HCU180



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Servo Drive Star-wheel for smooth operation.
- No Bottle no cup.
- Cup Sorter with cup Elevator for ergonomic loading.
- Cup Missing detection.
- 3 level user management.
- Recipes.
- Quick change over for different bottle diameter.
- Audit Trial.
- OEE Dashboard.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical Speed : 60bpm / 120bpm / 180bpm  
Production Speed : up to 50bpm / 100bpm / 150bpm  
Electricity : 1KW @ 380-415VAC.  
Air Supply : 30LPM @ 6bar  
Machine Dimension : L1090mm x W840mm x H1870mm

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Machine dimension excluding conveyor length.*

# Auto Labeling Machine - Wrap Around

## HS120R / HS180R



### FEATURES

- Synchronized running wrap around belt and Label Applicator for easy operation.
- Quick change over for different bottle diameter.
- Quick Set for label position and label length.
- 3 level user management.
- Recipes.
- Fully stainless steel structure.
- Audit Trial.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Production Speed : up to 30M/min  
Labeling Accuracy : +/-1mm  
Electricity : 1KW @ 220-240VAC  
Machine Dimension: L2133mm x W915mm x H1220mm

*Note : Optional Printing devices, batch number vision inspection, label missing detection, hologram applicator can be add on.*

# Auto Cartoning Machine

## HB 120



### FEATURES

- Both tuck end or seal end.
- Hard Embossing for batch number print.
- Leaflet Inserter.
- Intermittent motion subject to speed.
- Horizontal Carton magazine for ergonomic buffering.
- Mechanical adjustment with position indicator for quick set.
- Balcony Design with fully stainless steel structure.
- Fully enclosed with guard open detection.
- Audit Trial.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical Speed : 100bpm  
Production Speed : up to 80bpm  
Carton Size : (L)55-150mm (D)15-50mm (W)30-100mm  
Electricity : 3KW @ 380-415VAC.  
Air Supply : 60LPM @ 6bar  
Machine Dimension : L3000mm x W1050mm x H2900mm

*Note : Optional seal end gluing device can be add on.*



# Injectable Vial Filling & Stoppering Machine

## HFS60V / HFS120V



### FEATURES

- Servo drive Ceramic valve-less piston pump suitable for cold or hot filling.
- Easy cleaning and sterilization.
- Mechanical CAM Driven design for smooth and robust operation.
- No bottle no fill.
- No Stopper Detection and Rejection.
- Laminar flow environment for filling and stoppering.
- All contact parts by Ceramic or SUS316L with autoclave able.
- 3 level user management.
- Recipes.
- Stopper Sorter with mirror finishing.
- Quick change over for different bottle diameter.
- Audit Trial.
- OEE Dashboard.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

- Mechanical Speed : 60bpm / 120bpm
- Production Speed : up to 50bpm / 100bpm
- Filling Accuracy : +/-1%
- Filling range : 0.6ml to 150ml
- Suitable Stopper : Rubber bang
- Electricity : 2KW @ 380-415VAC.
- Air Supply : 60LPM @ 6bar
- Machine Dimension : L1560mm x W1260mm x H1870mm (HFS60V)  
: L1800mm x W1450mm x H1870mm (HFS120V)

*Note : Optional Buffer Tank, Turn Table, N2 flushing can be add on.*

# SMART Complete Line Packaging System (Small Volume)



## FEATURES

- Complete Bottling packaging line from Bottle Unscrambling, Rinsing, Filling, Capping, Capping Inspection, Cupping, Labeling and Cartoning.
- Filling Volume from 10ml to 150ml.
- Production Speed from 50 to 150bpm.
- With Auto downstream / upstream handshaking, Inspection and rejection for SMART production Line.
- Audit Trail.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

## PERFORMANCE

SERIES	60	120	180
PRODUCTION SPEED	3000 bottles / hour	6000 bottles / hour	9000 bottles / hour
FILLING RANGE	10ml - 500ml		
VISCOSITY	1 - 10000cps		
SUITABLE CAPS	Screw on cap, ROPP cap, Snap on cap		

*Note : Optional items are available upon request N2 Flush, laminar flow, etc.  
Machine dimension can be customize to the room layout.*

*Note : This machine contains several patents.*

# SMART Complete Line Packaging System (Large Volume)



## FEATURES

- Complete Bottling packaging line from Bottle blowing, Filling, Capping, Capping Inspection, Labeling and Case Packing.
- Filling Volume from 4L to 10L.
- Production Speed from 10 to 30bpm.
- With Auto downstream / upstream handshaking, Inspection and rejection for SMART production Line.
- Audit Trail.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

## PERFORMANCE

SERIES	60	120
PRODUCTION SPEED	600 bottles / hour	1000 bottles / hour
FILLING RANGE	5 - 10 liter	
SUITABLE CAPS	Screw on cap with inner plug	

Note : Machine dimension can be customize to the room layout.

# Ophthalmic / Nasal Spray Filling & Capping Machine

## HFS60E / HFS120E



### FEATURES

- Bottle Unscrambling, Filling, Plugging and Capping in Monoblock.
- Servo drive Ceramic valve-less piston pump suitable for cold or hot filling.
- Easy cleaning and sterilization.
- Mechanical CAM Driven design for smooth and robust operation.
- No bottle no fill.
- No Stopper Detection and Rejection.
- Missing Inner plug and missing cap rejection.
- Laminar flow environment for filling and stoppering.
- All contact parts by Ceramic or SUS316L with autoclave able.
- 3 level user management.
- Recipes.
- Vibrator inner plug and cap Sorter with mirror finishing.
- Quick change over for different bottle diameter.
- Audit Trial.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical Speed	: 60bpm / 120bpm
Production Speed	: up to 50bpm / 100bpm
Filling Accuracy	: +/-1%
Filling range	: 2ml to 15ml
Electricity	: 2KW @ 380-415VAC.
Air Supply	: 60LPM @ 6bar
Machine Dimension:	L1560mm x W1260mm x H1870mm (HFS60E)
	L1800mm x W1450mm x H1870mm (HFS120E)

**Note : Optional Buffer Tank, Turn Table,  
N2 flushing can be add on.**

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Machine dimension excluding conveyor length.*

# Enema Filling & Plugging Machine

## HFC60E



### FEATURES

- Servo drive Piston filling system.
- Easy cleaning.
- Servo drive star-wheel for smooth and robust operation.
- No Bottle no fill.
- No Plug Detection and Rejection.
- Missing cap detection.
- All contact parts by SUS316L with autoclave able.
- 3 level user management.
- Recipes.
- Vibrator plug with mirror finishing.
- Audit Trail.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

- Mechanical Speed : 60bpm
- Production Speed : up to 30bpm
- Filling range : 5ml to 30ml
- Electricity : 1KW @ 380-415VAC.
- Air Supply : 60LPM @ 6bar
- Machine Dimension : L1560mm x W1260mm x H1870mm

*Note : Optional Buffer Tank can be add on.*

*Disclaimer : Photos are for illustration purpose only.  
Machine dimension excluding conveyor length.*

# Auger Powder Filling & Capping Machine

## HFC60A / HFC120A



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Mechanical CAM Driven design for smooth and robust operation.
- Servo Drive star-wheel indexing fast and accurate.
- No Bottle no fill.
- Cap missing Detection and Rejection.
- 3 level user management.
- Recipes.
- 316L product contact parts.
- Servo Drive Auger Filling System.
- Cap Sorter by Elevator type.
- Servo Capping with adjustable torque control.
- Quick change over for different bottle diameter.
- Audit Trial.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

- Mechanical Speed : 60bpm / 120bpm
- Production Speed : up to 40bpm / 80bpm
- Filling Accuracy : +/-5%
- Filling range : 0.3gm – 50gm
- Suitable Caps : SOC or ROPP
- Electricity : 3KW @ 380-415VAC
- Air Supply : 60LPM @ 6bar
- Machine Dimension : L1560mm x W1260mm x H1870mm (HFC60A)
- : L1800mm x W1450mm x H1870mm (HFC120A)

*Note : Optional powder transfer system, Turn Table, Laminar flow can be add on.*

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Machine dimension excluding conveyor length.*

# Puck System Liquid Filling & Capping Machine

## HFC50C



### FEATURES

- Multiple types of bottle and caps in a single machine.
- Bottle handling by adjustable puck system.
- Mechanical CAM Driven design for smooth and robust operation.
- Instant adaptability to new bottles with no change part or star-wheel.
- No Bottle no fill.
- 3 level user management.
- Recipes.
- 316L product contact parts.
- Servo Drive Piston Filling System.
- Servo Capping with adjustable torque control.
- Quick change over for different type of bottle .
- Value for money.
- Audit Trial.
- OEE Dashboard.
- Cap Under Torque rejection system.
- Real time individual bottle closing torque graph.
- Equipped with WIP system.
- Industrial 4.0 features are optional upon request.

### PERFORMANCE

Mechanical Speed : 50bpm  
Production Speed : up to 40bpm  
Filling Accuracy : +/-1%  
Filling range : 10-250ml  
Suitable Caps : SOC , ROPP or pump cap or crimp caps  
Electricity : 3KW @ 380-415VAC  
Air Supply : 60LPM @ 6bar  
Machine Dimension : L1560mm x W1360mm x H1870mm

**Note : Optional Buffer Tank, Crimp cap system and Bottle Depucker system can be add on.**

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Machine dimension excluding conveyor length.*

# Auto Tube Filler Machine

## HT60



### FEATURES

- Fully Enclosed with guard open alarm detection.
- Mechanical CAM Driven design for smooth and robust operation.
- No tube no fill.
- Tube inverted detection.
- Tube blowing system before filling.
- Plastic tube Seal end by Hot air or metal tube fold end.

### PERFORMANCE

Mechanical Speed : 60tpm  
Production Speed : up to 40tpm  
Filling Accuracy : +/-1%  
Filling range : 5gm~250gm  
Suitable tube : PE or Metal tube  
Electricity : 3KW @ 380-415VAC  
Air Supply : 60LPM @ 6bar  
Water Supply : 2LPM (for PE tube)  
Machine Dimension : L2000mm x W1070mm x H2040mm

*Note : Optional cream transfer system, jacketed hopper ,  
Chiller for water supply can be add on.*



# MISSION

Optimize **SMART** Packaging System

# VISION

The Trusted Leader for Pharmaceutical & Cosmetic Industries Globally

# CORE VALUES

**I**ntegrity

**R**esponsibility

**T**rust & Respect

**I**nnovation

**P**assion





Headquarter and Manufacturing Plant

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We are presence in



Due to continues improvements policies, specifications are determined regionally and subject to upgrade without period notice.