

# HARD CANDY PRODUCTION SOLUTION

*Revolutionize Your Hard Candy Game !*





SaintyCo is a leading hard candy production company active in design manufacture and supply of quality hard candy production equipment to the confectionary and related industries worldwide for the past 20 years.

We are committed and engaged in all areas of hard candy production of all shapes and sizes. With the success of our company built on long experience and excellent after-sales service, it is no wonder we have become a trusted name in the industry.

We set the bar in engineering and work with our clients from concept to completion. We are passionate about finding the perfect hard candy production solution for your business that delivers functionality, flexibility and maximum efficiencies.

# QUICK FACTS

- The first one shot depositing machine was developed and succeed in 1999
- We have delivered more than 1,000 machines to over 20 countries
- We are top 1 in producing high end large scale production line
- Support available in over 15 languages
- Over the past 5 years, 55% of our sales are repeat customers
- We employ QA and CI departments to ensure product quality
- We provide project management services
- We proudly create manufacturing jobs
- Our entire group employs more than 100 dedicated people
- **We work extremely hard**

**Design** Our design is unique, easy to operate, faster to clean and quicker to service

We collaborate with suppliers of high quality parts

**Build**

We place the upmost importance on clients' tailored needs

**People**

**oriented**

**Support** We have 24/7 service team to address various issues and needs.

# OUR PARTNER



Endress+Hauser



# WHY

## SaintyCo?

Customer focused service

Comprehensive project management

Integrated system with innovative solutions

Profession in hard candy machine industry

# MANUFACTURING FOR OVER 23 YEARS



# HOW WE WORK

## Understand

project and needs

## Education

and discussion

## Review

expectations

## Design

conceptual layout

## Finalize

project

## Designate

project manager & engineering team

## Engineer

automated production solution

## Fabrication

of machinery & parts

## Assembly

of system

## Integration

of all machines

## Testing

validation with product

## Delivery

start-up and training

always  
working  
to exceed  
expectations



# OUR DIVERSE RANGE

Herbal  
Lozenges



Mint  
Candy



Fruit-Flavored  
Hard Candy



Filled  
Hard Candy



Sugar-Free  
Hard Candy



# CATALOG

## ➤ 01 | HARD CANDY DEPOSITING PRODUCTION LINE

DM-20S  
DM-50X  
HC-150  
HC-300  
HC-600  
Lollipop Depositing Line

## ➤ 02 | HARD CANDY DIE-FORMING PRODUCTION LINE

HC-200  
DF Series  
DF-150  
DF-200  
DF-300  
DF-400  
Lollipop Die-forming Line  
Depositing vs Die-Forming

## ➤ 03 | HARD CANDY PACKING LINE

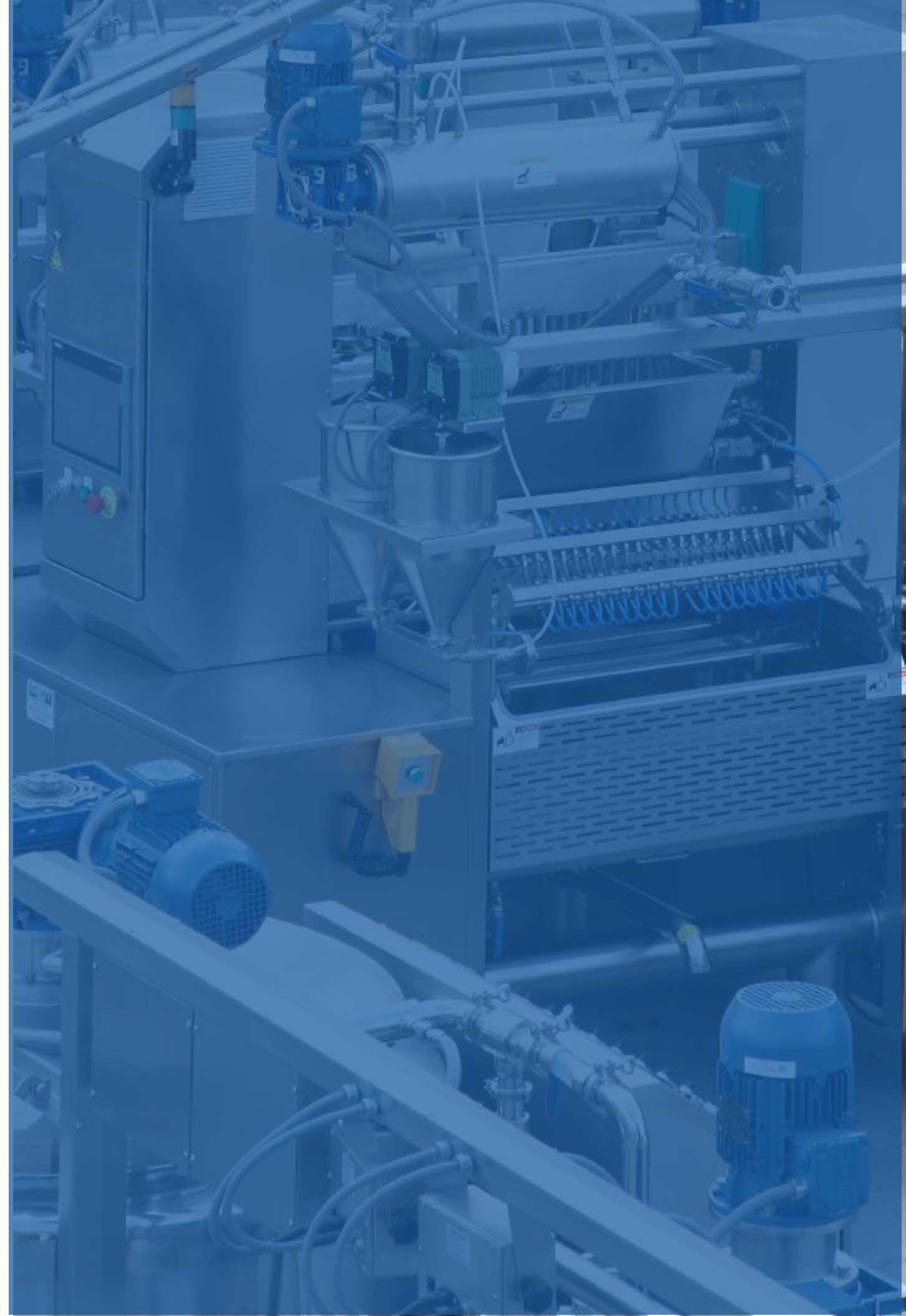
Single & Multi Candy Pillow Packing Machine  
Single Twist Packing Machine  
JH-Y650  
Double Twist Packing Machine  
JHD-800  
Lollipop Packaging Machine  
WBB-400  
DBJ-300  
SNB-300  
QDB-300  
BZ-I  
GYB-350

...

# 01

## HARD CANDY DEPOSITING PRODUCTION LINE

The Hard Candy Depositing Line is a continuous and automated candy processing system that uses a "vacuum thin-film sugar boiling + servo casting + cooling demolding" process to produce high-quality hard candies in single color, two color, filled, striped, sprayed, and three-dimensional shapes.



# HARD CANDY DEPOSITING PRODUCTION LINE

SYSTEM SERIES 01



MODEL	AUTOMATION	Output	Production size
DM-20S	SEMI-AUTO	20 kg/hr	Pilot or Smallest
DM-50X	SEMI-AUTO	50 kg/hr	Small Scale
HC-150	FULLY AUTO	150-200 kg/hr	Medium
HC-300	FULLY AUTO	300 kg/hr	Large
HC-600	FULLY AUTO	600 kg/hr	Large

\* Hard candy size: 2–8 g

\* Ultimate output per hour depends on several factors, such as hard candy size, formulations, tank size, cleaning time, and depositor speed.

# DM-20S SEMI-AUTO

Recommended for Start-up



**IN-HOUSE PRODUCTION**  
Only NEED 1-2 PERSONS  
ROOM SIZE 120 Sq. ft

Best for small pilot test with few staff and small space



**METAL OR SILICON MOLDS**

Flexible choice of molds that  
Can be used for fully auto machine  
in the future



*Semi-auto depositor*

- Mounted on wheels.
- Easy maintenance.
- There is typically less scrap produced.
- Equipped with de-molding machine.
- Food grade stainless steel material.

MODEL	DM-20S
Capacity	6,000-10,000 pcs/hr
Depositing speed	7-10 times/min
Power supply	220 V 60 HZ 1 pH 5 KW
Hopper size	25 L
Weight	270 kgs
Dimension	902X1200X1926 mm
Hard candy weight	2-8 g (Customize for other weight)

# DM-50X SEMI-AUTO

Recommended for Start-up



**IN-HOUSE PRODUCTION**  
Only NEED 1-2 PERSONS  
ROOM SIZE 150 Sq. ft

Best for small pilot test with few staff and small space



*Semi-auto depositor*

- Mounted on wheels.
- Easy maintenance.
- There is typically less scrap produced.
- Index conveyor.
- Sensor and servo to control deposit.
- Food grade stainless steel material.



**METAL OR Silicon MOLDS**

Variety of standard shapes and custom design

MODEL	DM-50X
Capacity	15,000 pcs/hr
Depositing speed	35 times/min
Power supply	220 V 60 HZ 3 pH 10 KW
Hopper Size	30 L
Weight	570 kgs
Dimension	1180X786X2019 mm
Hard candy weight	2-8 g (Customize for other weight)

# HC-150 Fully-AUTO



For sugar or sugar-free hard candy in various styles  
Output: **150-200 kg/hr.**

The HC-150 Hard Candy Production Line Produces 150–200 kg/h of various hard candies under strict sanitary conditions, in a compact system that delivers high quality while saving labor and floor space.

## Feature:

- Standard production capacity: 150 kg/h.
- PLC /computer process control available.
- LED touch panel for easy operating.
- Main parts is made of hygienic Stainless Steel.
- In-line injection, dosing & pre-mixing for proportional addition of liquid.
- Optional (mass) flowing controlled by Frequency inverters.
- Dosing pump for automatic injection of colors, flavours and acids.
- Use automatic steam control system instead of manual steam valve which controls a stable steam supply to the micrifim cooker.
- "two-color stripe depositing", "two-color double layers depositing", "central filling", "clear" hard candies and etc. can be made as option.

MODEL	HC-150
Capacity	150-200 kg/h
Rated depositing times	25~55 n/min
Electric power needed	30 kw
Steam consumption Steam pressure	250 kg/h
Compressed air consumption Compressed air pressure	0.2 m <sup>3</sup> /min 0.4~0.6 MPa
Conditions needed for the cooling system: 1.Room temperature 2.Humidity	25-30 °C 55%
Length of the whole line	15 m
Gross weight	3500 kg

# MIXING AND COOKING SYSTEM



## Feature:

- It can dissolve sugar and maltose rapidly, can reach full uniform effects of dissolving by add an uniform agitation,.
- No sediments & over burned.
- Steam heating.

SYSTEM	COOKING
Volume for cooker	200 L
Working temperature	0~160°C
Power	0.75 kw
Volume for storage tank	200 L
Working temperature	0-100 °C
Power	0.75 kw
Discharge pump	12 set
Total power	1.5 kw

# VACUUM COOKING SYSTEM



## Feature:

- Control cabinet and all components mounted on a single base.
- Continuous vacuum cooking lowers boiling point, reduces cooking time, and cuts energy use.
- Delivers syrup with stable solid content and uniform concentration for consistent forming.
- Prevents burning and discoloration, ensuring clear, transparent syrup quality.
- Automatically controls temperature and pressure to simplify operation and reduce operator error.

SYSTEM	Vacuum Micro-Film Syrup Cooking Unit
Capacity	600 kg/h
Steam Consumption	500 kg/h
Power	15 kw
Dimensions	2600×2000×2400 mm
Weight	1600 kg

# DEPOSITING AND COOLING SYSTEM

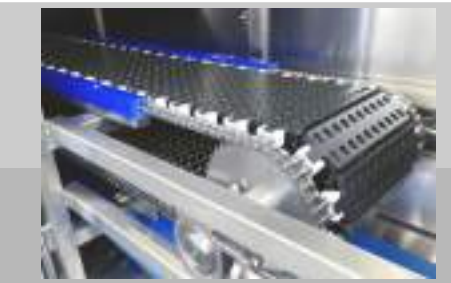


*Cooling tunnel*

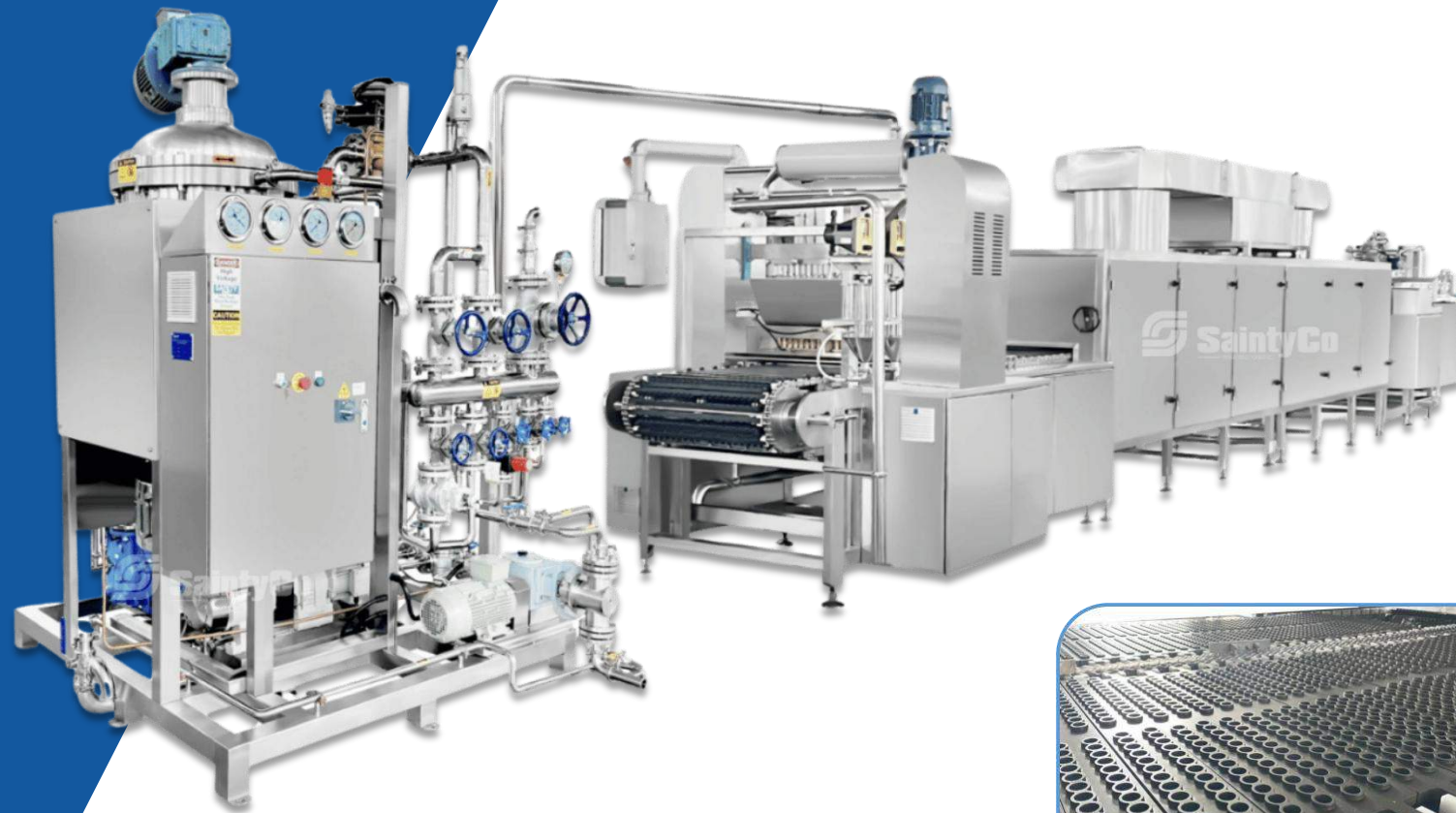


## *Feature:*

- High-volume air blowing for fast hard candy cooling.
- Polyurethane cooling belt (food grade).
- Dual brush removal system.
- All stainless steel side panels.



# HC-300 FULLY-AUTO



For sugar or sugar-free hard candy in various styles  
Output: **300 kg/hr.**

The HC-300 Hard Candy Production Line  
Is a compact continuous system with speeds up to 300 kg/h,  
producing various hard candies under strict sanitary conditions  
with high quality, labor, and space savings.

## Feature:

- Standard production capacity: 300 kg/h.
- PLC /computer process control available.
- LED touch panel for easy operating.
- Main parts is made of hygienic Stainless Steel.
- In-line injection, dosing & pre-mixing for proportional addition of liquid.
- Optional (mass) flowing controlled by Frequency inverters.
- Dosing pump for automatic injection of colors, flavours and acids.
- Use automatic steam control system instead of manual steam valve which controls a stable steam supply to the micrifim cooker.
- "two-color stripe depositing", "two-color double layers depositing", "central filling", "clear" hard candies and etc. can be made as option.

MODEL	HC-300
Capacity	300 kg/h
Rated depositing times	25~55 n/min
Electric power needed	40 kw (Steam heating) 260 kw (Electric heating)
Steam consumption Steam pressure	500 kg/h
Compressed air consumption Compressed air pressure	0.2 m <sup>3</sup> /min 0.4~0.6 MPa
Conditions needed for the cooling system: 1.Room temperature 2.Humidity	25-30 °C 55%
Length of the whole line	18 m
Gross weight	5500 kg

# HC-600 FULLY-AUTO



For sugar or sugar-free hard candy in various styles  
Output: **600 kg/hr.**

The HC-600 Hard Candy Production Line  
Is a compact continuous system with speeds up to 600 kg/h,  
producing various hard candies under strict sanitary conditions  
with high quality, labor, and space savings.

## Feature:

- Standard production capacity: 600 kg/h.
- PLC /computer process control available.
- LED touch panel for easy operating.
- Main parts is made of hygienic Stainless Steel.
- In-line injection, dosing & pre-mixing for proportional addition of liquid.
- Optional (mass) flowing controlled by Frequency inverters.
- Dosing pump for automatic injection of colors, flavours and acids.
- Use automatic steam control system instead of manual steam valve which controls a stable steam supply to the micrifim cooker.
- "two-color stripe depositing", "two-color double layers depositing", "central filling", "clear" hard candies and etc. can be made as option.

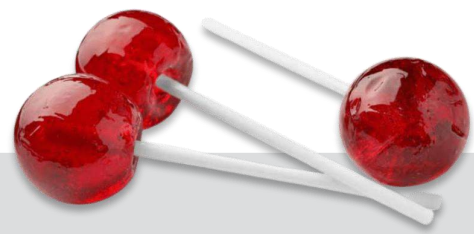
MODEL	HC-600
Capacity	600 kg/h
Rated depositing times	25~55 n/min
Electric power needed	40kw (Steam heating) 260kw (Electric heating)
Steam consumption Steam pressure	500 kg/h
Compressed air consumption Compressed air pressure	0.2 m <sup>3</sup> /min 0.4~0.6 MPa
Conditions needed for the cooling system: 1.Room temperature 2.Humidity	25-30 °C 55%
Length of the whole line	18 m
Gross weight	5500 kg

# LOLLIPOP DEPOSITING LINE

*Specially configured for lollipop production in various shapes and sizes, with or without center filling.*

Hard candy depositing systems share the same cooking and syrup handling principles. With a lollipop former and stick insertion unit, the line shifts seamlessly from candy to lollipop production while keeping the same transparency, taste, and efficiency.

This upgrade lets manufacturers expand product ranges, meet market demand for lollipops, and achieve higher returns — without buying a separate line. Quick changeover and reliable stick control keep production smooth and cost-effective.



# ALL-IN-ONE CANDY SOLUTION

*One System, Multiple Models — Flexible for Gummies & Hard Candies*

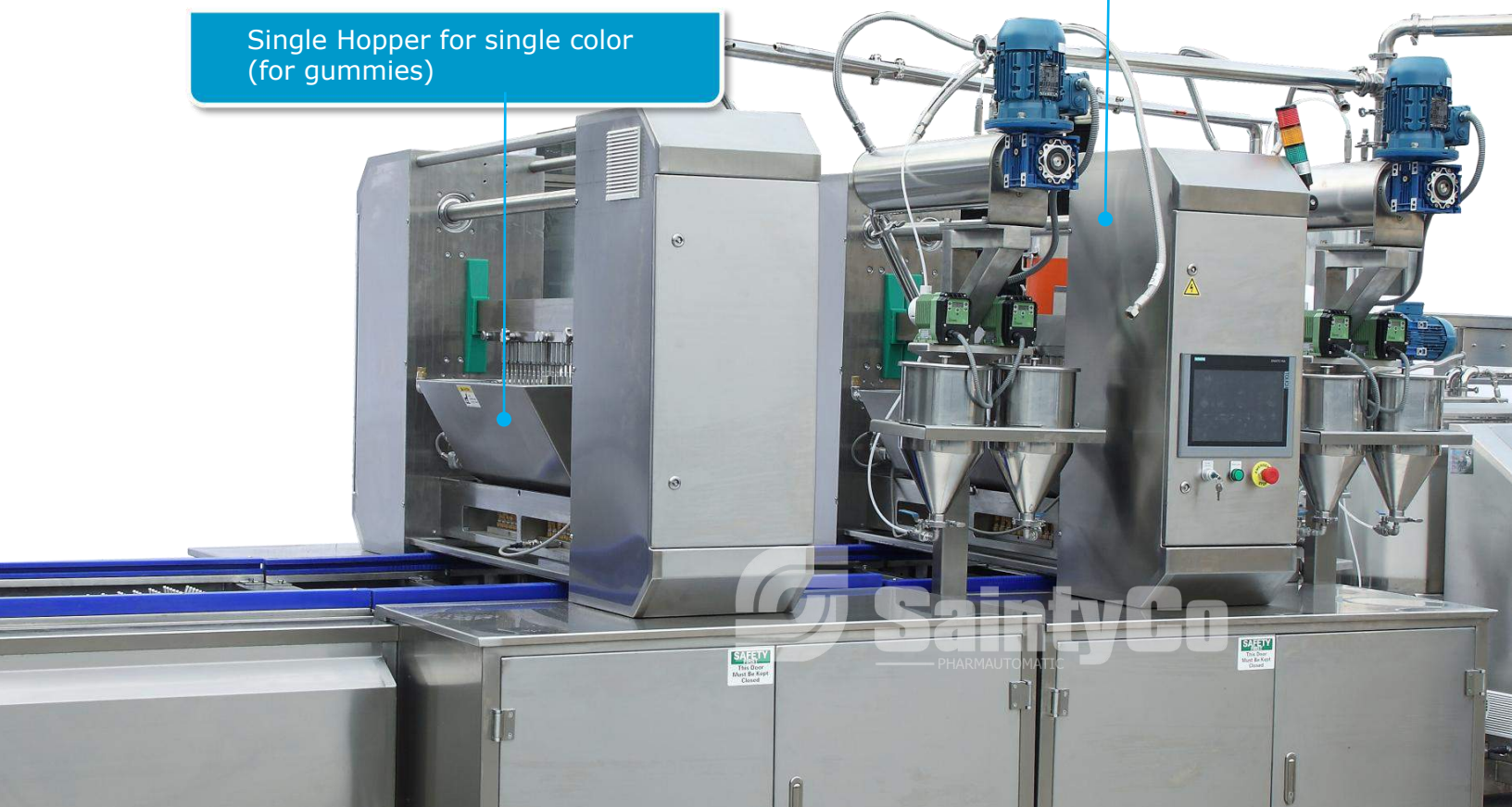
The system designed for both gummies and hard candies. By switching hoppers and dies, it produces single-color gummies, dual-color gummies, and glossy hard candies in multiple shapes. Precise cooking controls ensure texture and taste, while the high-accuracy depositing and forming system reduces waste and guarantees consistent product quality.



Single Hopper for single color (for gummies)



Single Hopper for single color (for hard candies)

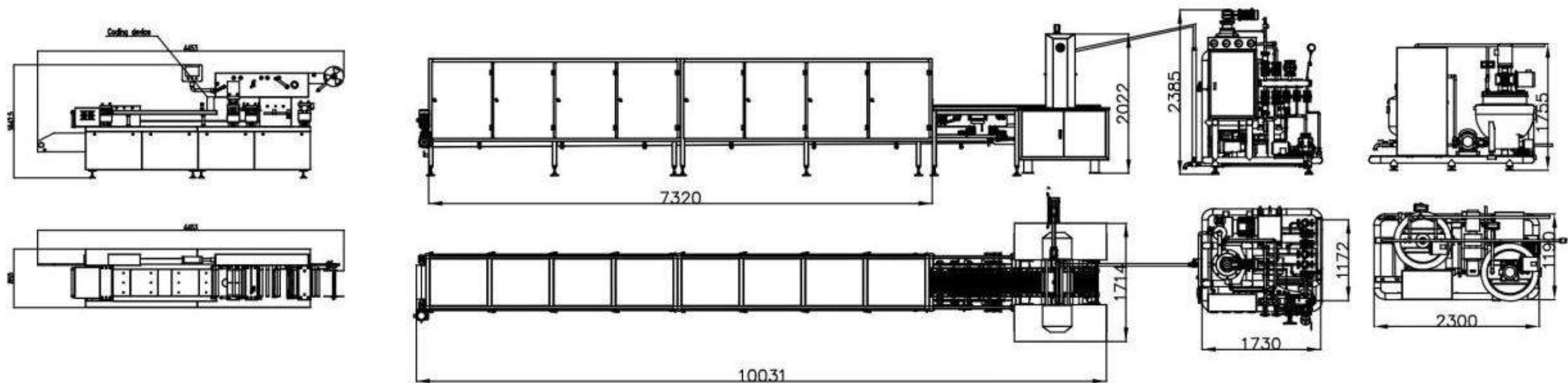


MODEL	HC-150	HC-300	HC-600
Production capacity	150-200 kg/h	300 kg/h	600 kg/hr
Rated depositing times	25~55 n/min	25~55 n/min	25~55 n/min
Electric power needed	30 kw 220/380V	40 kw (Steam heating) 260 kw (Electric heating)	40kw (Steam heating), 260kw (Electric heating)
Compressed air consumption Compressed air pressure	0.2 m <sup>3</sup> /min 0.4-0.6 MPa	0.2 m <sup>3</sup> /min 0.4-0.6 MPa	0.2 m <sup>3</sup> /min 0.4-0.6 MPa
Conditions needed for the cooling system: 1.Room temperature 2.Humidity	25-30°C 55%	25-30°C 55%	25-30°C 55%
Length of the whole line	15 m	18 m	18 m
Gross Weight	Approx. 3500 Kg	Approx. 5500 Kg	Approx. 5500 Kg

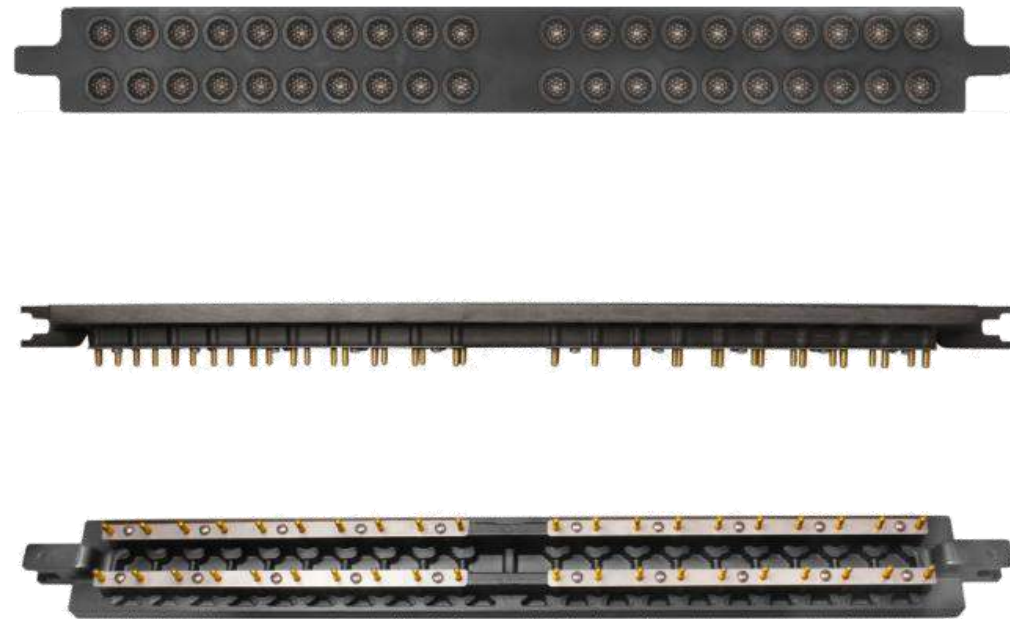
# LAYOUT

In order to provide the best value to our customers, we offer **Systems Integration services** that include:

- Assembling all equipment as a system in our facility.
- Connecting all interface cables.
- Mounting all electrical enclosures and control panels to support structures.
- Real time system testing of the entire integrated system with your products and materials (not just the individual machine).



# MOLDS



*Metal Hard Candy Molds*



*Silicone Hard Candy Molds*

# 02

## HARD CANDY DIE-FORMING PRODUCTION LINE

The production line is mainly consists of vacuum cooker, batch roller, rope sizer, lollipop forming machine, lifter and 5 layer vibrating cooling machine. The line features a compact structure, stable performance, and high production efficiency. Whole line is made according to GMP standard.



# HARD CANDY DIE FORMING PRODUCTION LINE

SYSTEM SERIES 02



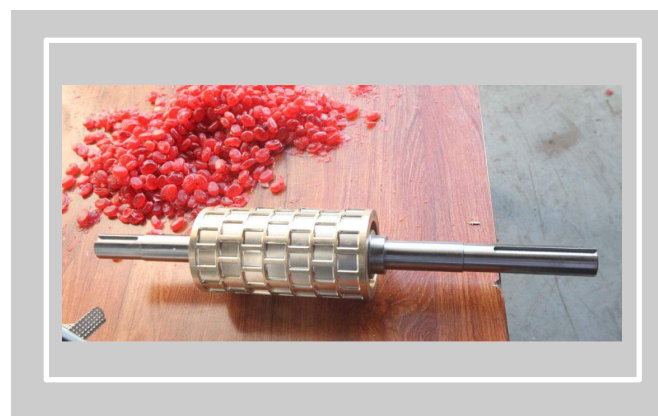
MODEL	AUTOMATION	Output	Production size
HC-200	SEMI-AUTO	10-20 kg/hr	Pilot or Smallest
DF-150	FULLY AUTO	100 kg/hr	Small Scale
DF-200	FULLY AUTO	200 kg/hr	Medium
DF-300	FULLY AUTO	300 kg/hr	Large
DF-400	FULLY AUTO	400 kg/hr	Large

\* Hard candy size: 2–8 g

\* Ultimate output per hour depends on several factors, such as hard candy size, formulations, tank size, cleaning time, and forming speed.

# HC-200 SEMI-AUTO

Recommended for Start-up



## Feature:

- Stainless steel construction.
- Very simple to operate.
- SMED (quick change over of dies).
- Table top machine (standard model).
- The roller is made by CNC center with high precision, the error between the upper and lower rollers is less than 0.5 mm (the precision is 10 um), so the production is very beautiful and easy to release.
- Both the motor and the inverter are SIEMENS.

MODEL	HC-200
Capacity	10-20 Kgs/Hour
Power supply	220 V /1 KW
Candy weight	270 kgs
Dimension	1 g (min) - 5 g (max)
Hard candy weight	80 Kgs

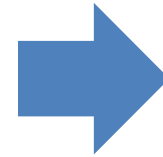
# DF Series FULLY-AUTO



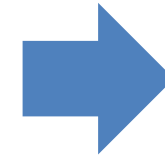
Flow chart:



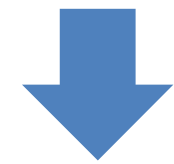
Mixing & Cooking System



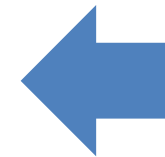
Mass Preparation System



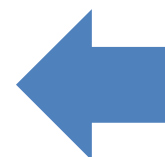
Pre-Cooling System



Batch Rolling System



Sizing System



Cooling & Finishing System

# MIXING & COOKING SYSTEM



Jacket cooker:

- It can dissolve sugar and maltose rapidly, can reach full uniform effects of dissolving by add an uniform agitation.
- No sediments & over burned.
- Ddissolve, rapidly, economic and convenient.

## *Feature:*

- Dissolves and mixes sugar, glucose, and other raw materials into uniform syrup.
- Transfers syrup to the holding tank for continuous production.
- Controls the entire cooking process via a separate control cabinet for convenient operation.
- Applies continuous cooking with vacuum effect for consistent quality.
- Ensures even heat exchange for well-cooked syrup.
- Centralizes operation and monitoring for easy management and reduced operator error.
- Offers flexible discharge by pump or free flow to match different processing needs.
- Uses water-circulated vacuum pump and large chamber to precisely control moisture and temperature of the cooked mass.



# CFA DOSING & PRE-COOLING SYSTEM



Spice mixer:

- Enhances product consistency with precise ingredient distribution.
- Increases production efficiency for high-speed hard candy production lines.
- Reduces operational costs through energy-efficient design.
- Offers flexible integration with both new and existing systems.
- Maintains food safety standards with durable, food-grade construction.



Steel strip cooling machine:

- Significantly boosts production efficiency by accelerating candy hardening.
- Precise temperature control of the cooling steel belt ensures rapid heat dissipation and consistent solidification.
- Shortens the overall hard candy production cycle, increasing output capacity.
- Achieves optimal hardness and stability for downstream shaping and forming processes.
- Controls crystal structure and final hardness by adjusting cooling rate and temperature.
- Simplifies handling in subsequent molding stages, improving workflow while maintaining product quality.

# BATCH ROLLING & SIZING SYSTEM



Batch roller  
(four rollers)



## Feature:

- Shapes sugar mass into a consistent cone through programmable rolling action.
- Gradually funnels cooked sugar mass into a uniform rope for stable downstream feeding.
- Operates in coordination with rope sizer and center-filling system for continuous production.
- Integrates wheel box, four rollers, and control unit on a stable structure for reliable performance.

SYSTEM	BATCH ROLLER
Capacity	75 kg/batch
Power	motor: 1.3 Kw, Electric heating: 6 kW
Confection tube size	min 35mm
Shell dimension	L1800 x W1000 x H1500 mm
Weight	350 kg

# BATCH ROLLING & SIZING SYSTEM

## Feature:

- Adjusts thick candy, toffee, or gum rope from extruder or batch roller to a precise, uniform diameter.
- Works continuously with upstream and downstream machines for smooth production.
- Features forming wheel and control unit for reliable, repeatable operation.

Rope sizer



SYSTEM	ROPE SIZER
Capacity	Suitable for the batch roller
Power	1.5 kW
Shell dimension	L1000 x W1000 x H1700 mm



# DIE-FORMED & FORMING SYSTEM



## *Feature:*

- Serves as the ideal solution for producing formed hard-boiled candies and sweets.
- Handles unfilled candies or those filled with liquid, powders, or paste.
- Employs rotary-die technology to deliver perfectly formed, seamless, and burr-free candies, lozenges, and centers.

Die-formed machine



# COOLING & FINISHING SYSTEM

## Feature:

- Cools hard candies rapidly in a 10–15 °C tunnel, hardening them efficiently.
- Maintains humidity at  $\leq 40\%$  RH to preserve texture and prevent stickiness.
- Uses multi-layer conveyor to extend cooling time and avoid cracking from temperature differences.

Five-layer vibration cooling tunnel



# SYSTEM DETAILS



For sugar or sugar-free hard candy in various styles  
Output: **100 - 400 kg/hr.**

The DF Series Lollipop & Hard Candy Production Line Is an advanced system with speeds up to 400 kg/h, producing candies of various shapes by changing the die, with precise heating control for clarity and taste, and a high-accuracy former that minimizes waste and ensures consistent size.

### DF System to Include:

- Mixing & cooking system.
- Mass preparation & pre-cooling System.
- Batch rolling & sizing system.
- Die-formed & foming system.
- Cooling & finishing system.

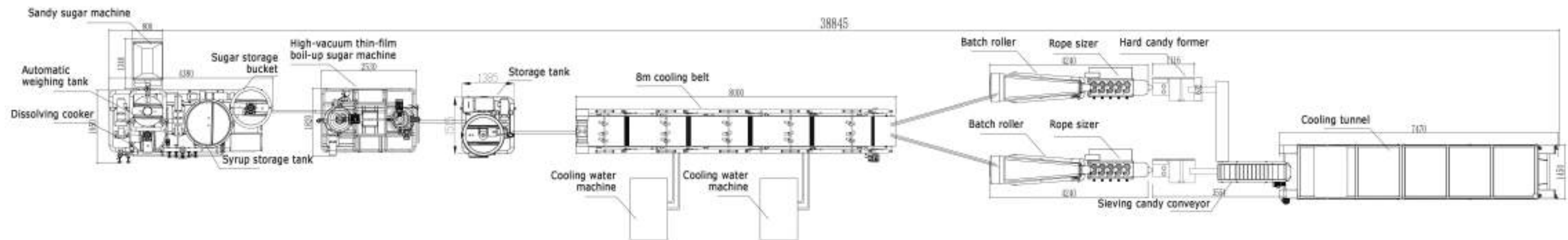


MODEL	DF-150	DF-200	DF-300	DF-400
Capacity	100 kg/h	200 kg/h	300 kg/h	400 kg/h
Electric power needed	20 kw	18 kw / 380 V	38 kw / 380 V	38 kw / 380 V
Steam Consumption	100 kg/h	200 kg/h	400 kg/h	400 kg/h
Steam Pressure	0.5-0.8 Mpa	0.5-0.8 Mpa	0.5-0.8 Mpa	0.5-0.8 Mpa
Air Consumption	0.25 m <sup>3</sup> /min	0.25 m <sup>3</sup> /min	0.25 m <sup>3</sup> /min	0.25 m <sup>3</sup> /min
Air Pressure	0.4-0.6 MPa	0.4-0.6 MPa	0.4-0.6 MPa	0.4-0.6 MPa
Length	14 m	16 m	18 m	22 m
Gross Weight	3000 kg	4500 kg	8000 kg	8000 kg

# LAYOUT

In order to provide the best value to our customers, we offer Systems Integration services that include:

- Assembling all equipment as a system in our facility.
- Connecting all interface cables.
- Mounting all electrical enclosures and control panels to support structures.
- Real time system testing of the entire integrated system with your products and materials (not just the individual machine).



\* Hard candy line layouts customizable for capacity, shapes, and formulations

# LOLLIPOP DIE-FORMING LINE



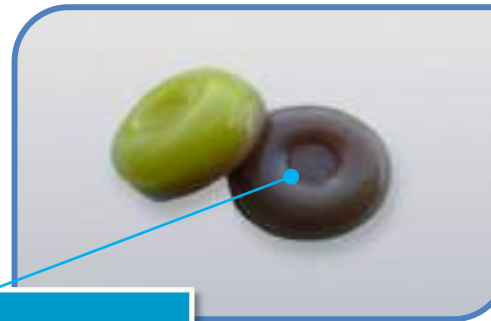
*Specially configured for lollipop production in various shapes and sizes, with or without center filling.*

Hard candy forming systems share the same cooking and syrup handling principles. With a lollipop former and stick insertion unit, the line shifts seamlessly from candy to lollipop production while keeping the same transparency, taste, and efficiency.

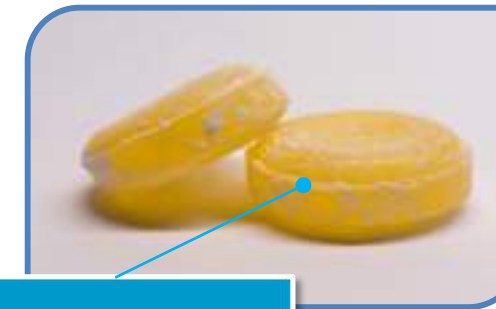
This upgrade lets manufacturers expand product ranges, meet market demand for lollipops, and achieve higher returns — without buying a separate line. Quick changeover and reliable stick control keep production smooth and cost-effective.



# Depositing vs Die-Forming



Ejector Pin Mark



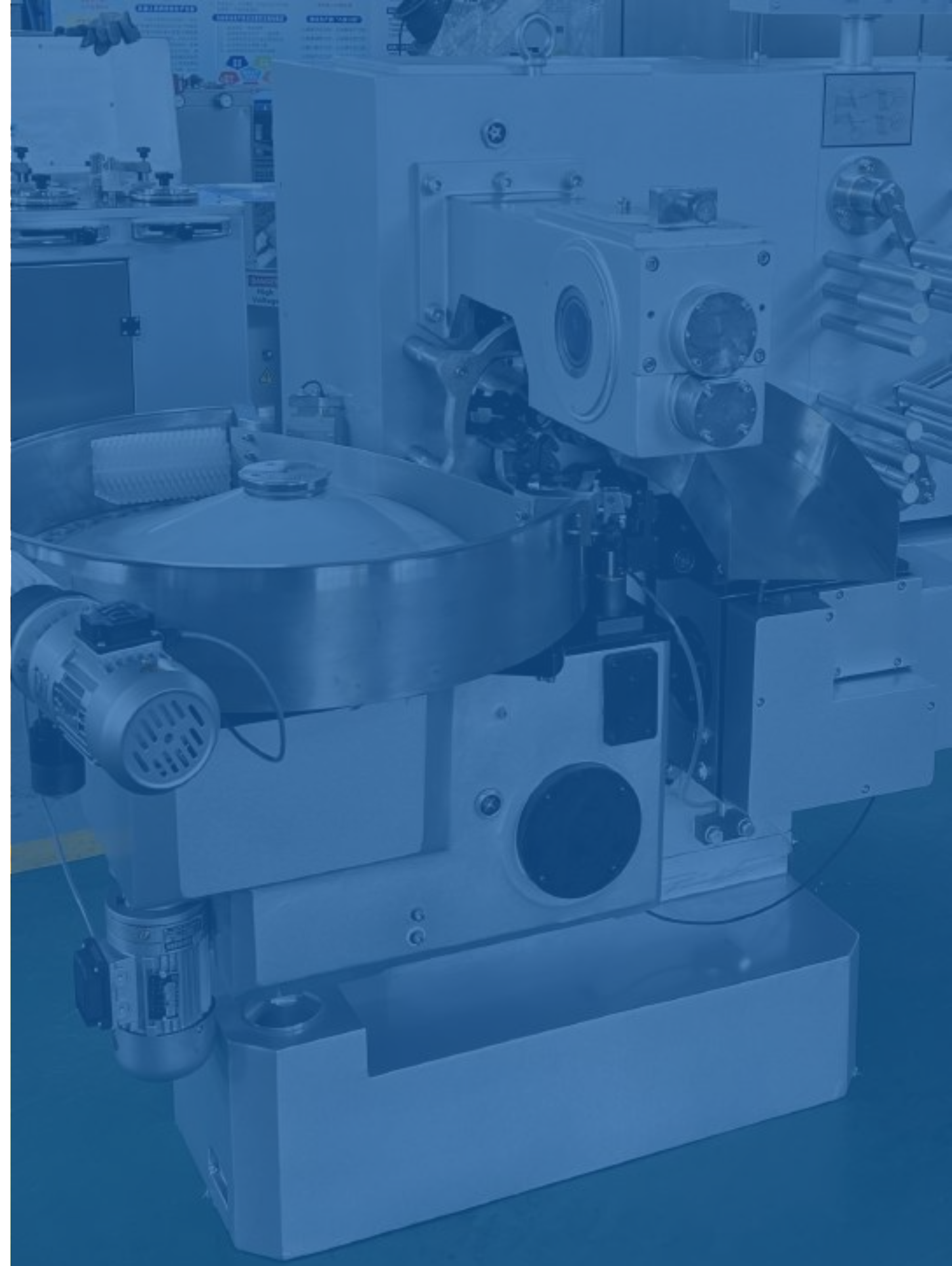
Die Seam Line

Feature	Depositing Technology	Die-Forming Technology
Product Applications	Clear or coloured fruit drops, layered or striped candies, centre-filled functional candies (vitamins, minerals, CBD), cream/milky hard candies, flat lollipops with active ingredients, specialty Shapes	Standard drops & shaped candies (mint, fruit, herbal), branded/custom-profile candies, lollipops with sticks, centre-filled candies, throat lozenges
Production Output	Moderate speed; precision-focused	High-speed, continuous, large-volume
Manufacturing Process	Molten candy syrup is metered directly into molds in liquid form	Cooled candy mass is formed into rope and pressed through rotary dies
Scope of Application	Specialty materials, heat-sensitive ingredients, batch or small production runs	Large-scale production, complex or custom shapes, standard formulations
Texture & Density	Produces dense, glass-clear candies with minimal air inclusion	Rope-forming may create micro-air pockets, yielding slightly lighter texture
Shape Capability	Best for flat-base shapes, layered or multi-colour designs, and precise molding details.	Ideal for uniform drops, complex profiles, or branded/custom shapes
Mouthfeel	Smooth, even dissolution; soft yet firm bite	Classic crunchy texture; firmer bite
Surface & Appearance	Smooth, glossy finish; may show minor ejector pin marks	Matte surface; faint die seam may be visible
Hardness	Moderate	Higher; firm structure
Production Efficiency	Moderate; suitable for smaller or specialty batches	High; optimized for mass production
Molding Method	Gravity filling into molds	High-pressure injection into dies
Product Shape	Relatively simple	Various and complex
Shelf Life	Shelf life depends on packaging and humidity control	Lower moisture content due to pre-cooling; improved storage stability and extended shelf life

# 03

## HARD CANDY PACKING LINE

Experience seamless, end-to-end packaging automation with our advanced packaging machinery, engineered in-house to empower every industry with greater efficiency, flexibility, and future-ready performance.



# PACKING LINE



Machines	Speed
Single & Multi Candy Pillow Packing Machine	50-1200 pcs/min
Single Twist Packing Machine	100-350 pcs/min
Double Twist Packing Machine	600 pcs/min
Lollipop Packaging Machine	0-500 pcs/min
Semi-auto Vibration Bowl Counter	5-10 bottles/pouches
Weighing & Bottling	60 bottles/min
Counting & Bagging	8-15 pouches/min
Weighing & Bagging	30-40 pouches/min
Vertical Flow Wrapping	30-80 bags/min
Blister Packing Machine	Up to 50 cycles/min

- \* Hard candy size: 2–8 g
- \* Ultimate output per hour depends on several factors, such as hard candy size, formulations, tank size, cleaning time, and forming speed.

# SINGLE & MULTI CANDY PILLOW PACKING MACHINE



## HSB-400/800/1200

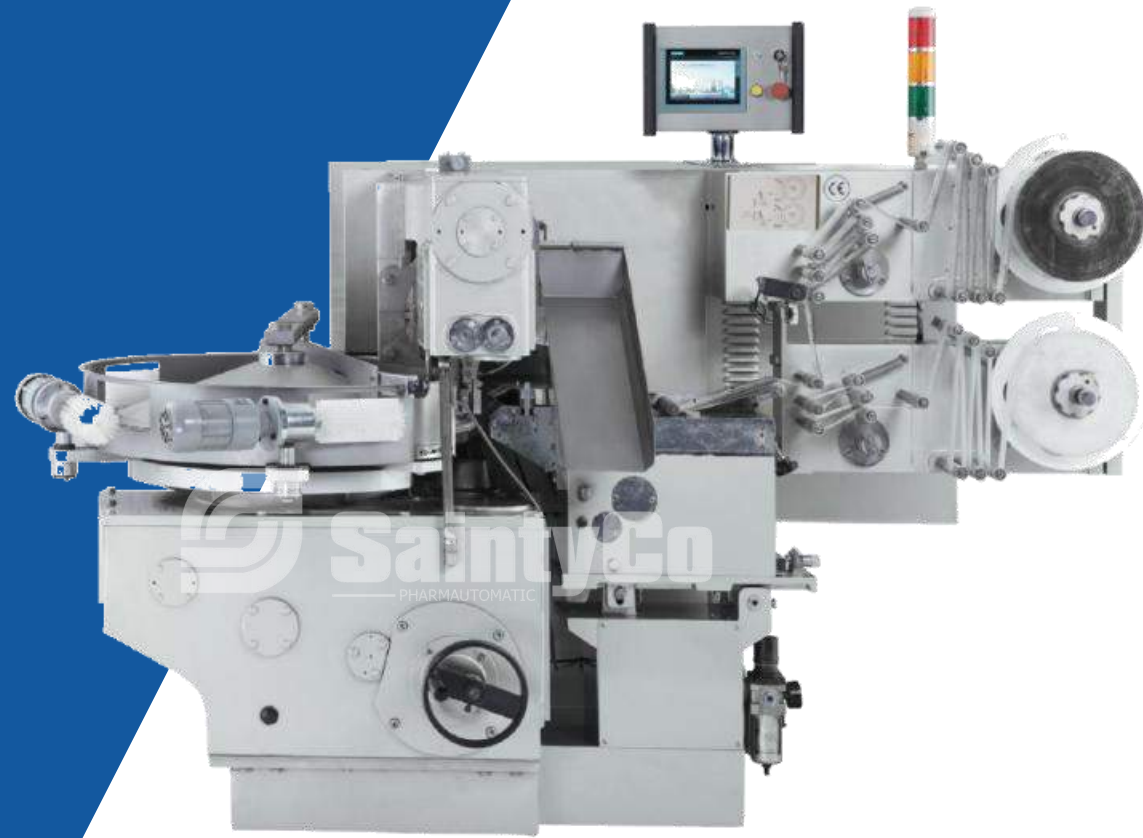
The HSB Series high-speed bowl wrapper is engineered to wrap up to 1200 product pieces per minute in round slice, ball, ellipse, waist round, cylindrical and block shapes with accuracy and precision.

### Features:

- Computer controller system, the photoelectric detection and bi-directional tracking. Which can eliminate the error of packing and reduce the waste of packing film and raw materials.
- AC motors equipped with transducer, which realized speed control, during processing can be adjusted dynamically.
- Intelligent temperature controller system, displayed easily, easier for setting, low rate of malfunction, repair and maintenance easily.
- Can be allocated coding machine, automatic suspend puncher, auto hopper filling nitrogen device, stainless steel for this machine.

MODEL	HSB-400	HSB-800	HSB-1200
Speed (pcs/min)	50-400	100-800	100-1200
Candy Size (mm)	Length	12-60	10-40
	Width	12-30	10-30
	Thickness	5-25	5-18
Package Size (mm)	Length	55-80	45-65
Film Roll Outer Diameter (mm)	Ø350-400	Ø350-400	Ø350-400
Film Roll Inner Diameter (mm)	Ø75-76	Ø75-76	Ø75-76
Power Supply	220/380V,50/60Hz,3.7kW	220/380V,50/60Hz,3.7kW	220/380V,50/60Hz,5.5kW
Weight	1000 Kg	1000 Kg	1000 Kg
Dimension (mm)	3450×1240×1580	3450×1240×1580	3012×1334×1885
Packing Film	OPP, CPP, PET, VMPET, Aluminum Film and Single Layer or Multi Layer Hot-Seal Film		

# SINGLE TWIST PACKING MACHINE



## JH-Y650

This High-Speed Full-Automatic Packing Machine is engineered to wrap up to 350 product pieces per minute for single-twist packing hard candy or chocolate with regular shapes: ellipse, waist-round shape, round, square.

### Features:

- High-precision intermittent gear-dividing and cam-driving for accurate operation.
- AC motor with frequency converter for variable speed control and energy efficiency.
- PLC with touch screen and photo-cell sensor for precise tracking and reduced film waste.
- Siemens servo motor for dynamic film feeding and cutting without gear changes.
- Overload, leak, and fault protection with alarms.
- Automatic double-layer feeding system to keep candy clean.
- Food-contact parts in stainless steel, easy to clean, ISO food hygiene compliant.
- Supports single or double-layer packing film.
- Optional automatic hopper.

MODEL	JH-Y650	
Speed (pcs/min)	100-350	
Candy Size (mm)	Length	16-30
	Width	16-28
	Thickness	10-20
Voltage (V)	220/380	
Power Supply (Kw)	2.5	
Weight (Kg)	2000	
Dimension (mm)	2320 × 1447 × 1800	
Packing Film	Glass paper, PVC, CPP, PET, Wax paper, Composite material ETD	

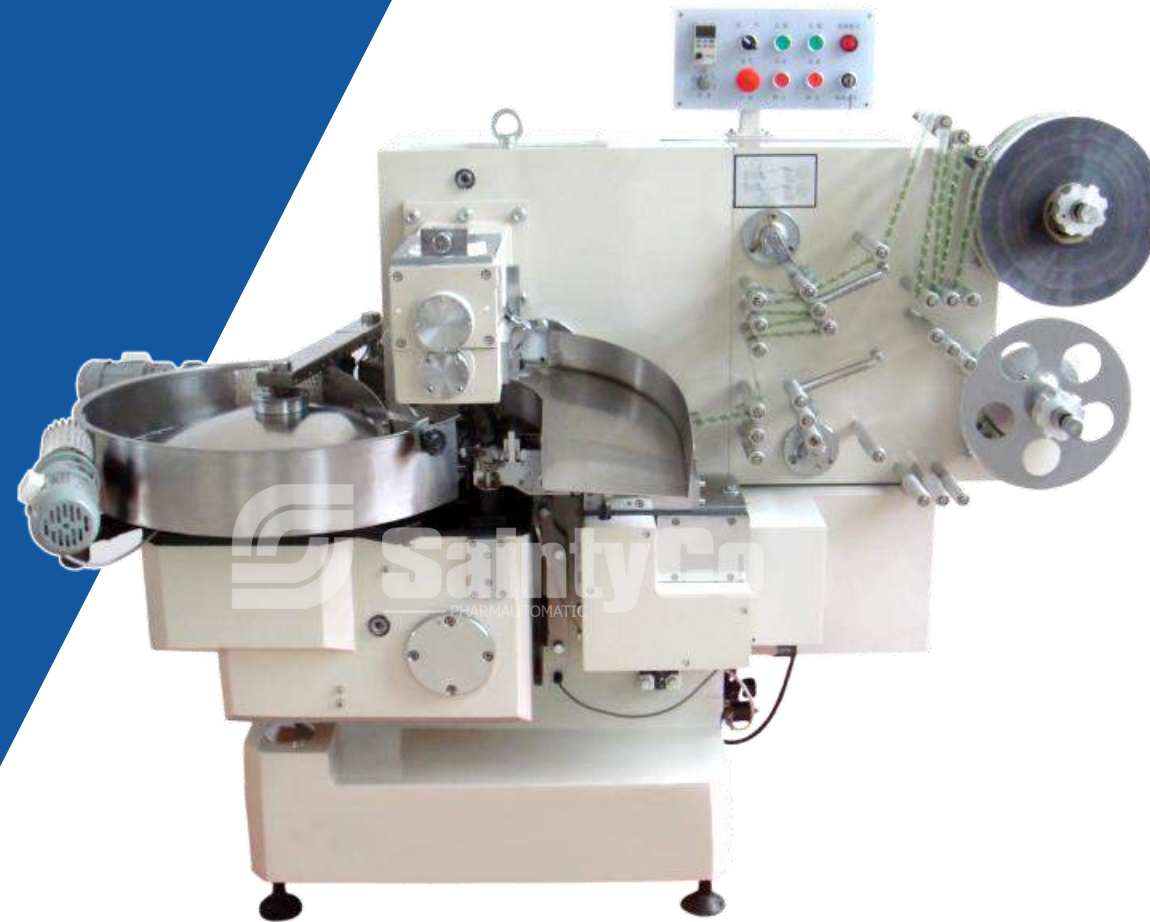
# DOUBLE TWIST PACKING MACHINE



## **JHD-800**

With feeder disc and ensure auto. feeding, single storey or double-deck paper. Packing rate 100%, without empty bag, inverter adjusts the speed. Wrapping material: Cellophane, PVC, polypropylene, paraffin paper, composite, etc.

Candy shape: Ellipse, cylindrical, square, sphere, round slice, etc.



### **Features:**

- AC motor with transducer for variable speed control, high precision, and energy efficiency; adjustable during operation.
- Photoelectric sensor with bi-directional tracking for 100% packing rate and no empty packages.
- Overload, leakage, and no-film protection with prompt alarms.
- Supports single or double-layer wrapping paper.
- Optional automatic hopper.

MODEL		JHD-800
Speed (pcs/min)		600
Candy Size (mm)	Length	12-40
	Width	12-25
	Thickness	8-20
Voltage (V)		220/380
Power Supply (Kw)		2.5
Weight (Kg)		1200
Dimension (mm)		1800X950X1650
Packing Film		Glass paper,PVC,CPP,PET,Wax paper,Composite material ETD

# LOLLIPOP PACKAGING MACHINE



## ***WBB-400 Intelligent Horizontal Lollipop Heat Sealing Twist Packaging Machine***

The WBB-400 Lollipop Packaging Machine is a state-of-the-art, fully automated solution designed for high-efficiency and precision packaging of lollipops. Leveraging PLC-based control technology and an intuitive touch-screen HMI (Human-Machine Interface), operators can effortlessly input and adjust packaging parameters, ensuring seamless adaptability to diverse production requirements.

### ***Features:***

- PLC control with touch screen HMI for precise operation and easy monitoring.
- Fully automatic from start to finish for high efficiency and minimal labor.
- Automatic lollipop alignment and positioning for consistent packaging.
- Empty-pack detection to reduce material waste and ensure packaging quality.
- Imported components for durability and reliability.
- High-precision machining and heat treatment for optimal performance.
- Food-grade design with safety guards and emergency stop functions.
- High-speed, stable performance for large-scale production.

MODEL	WBB-400
Speed (pcs/min)	150-400 (based on the lollipop size)
Electrics	380 V 50 Hz
Dimension (mm)	2018 × 1700 × 1888
Weight (Kg)	1500

# LOLLIPOP PACKAGING MACHINE



## ***DBJ-300 Flat Lollipop Bag Sealing Machine***

The DBJ-300 Flat Lollipop Bag Sealing Machine is a cutting-edge automated packaging solution designed for precision handling of diverse product shapes. Combining microprocessor-driven control with adaptive tracking technology, it ensures high-speed, reliable performance for industries requiring flexibility and accuracy in packaging operations.



### ***Features:***

- Adopt micro-computer control technique.
- Track color mark automatically.
- Accurate and reliable.
- Compact structure, reliable function.
- Adapt to various shapes.

MODEL	DBJ-300
Speed (pcs/min)	0-200
Sugar dimension (L×W×T) (mm)	(60-25)×(50-25)×(8-20)
Dimension (mm)	4700×1350×1745
Power Supply (Kw)	6.9

# Lollipop Packaging

## More Options

**SNB-300 | QDB-300 | BZ-I | GYB-350**

The Lollipop Packaging Machines are advanced automated solutions designed for high-speed, precision packaging of various lollipop styles. Combining robust mechanical design with intelligent control systems, they deliver consistent, hygienic, and efficient output while minimizing manual intervention, offering flexibility and reliability for manufacturers aiming to optimize production and ensure product quality.



**SNB-300 Double Twist Lollipop Wrapping Machine**



**QDB-300 Spherical Lollipop Bag Packaging Machine**



**BZ-I Lollipop Pillow Packing Machine**



**GYB-350 High Speed Flat Lollipop Production Center**



MODEL	SNB-300	QDB-300	BZ-I	GYB-350
Speed (pcs / min)	100-250	150-250	150-500	300
Dimension (mm)	2850×1100×1940	2600×1600×1765	2680×1000×1600	3410×1375×2019
Power Supply (Kw)	3 (Main motor)	2.2 (Main motor)	3.62	5.2

# SC-V1/SC-V4/TC-1S

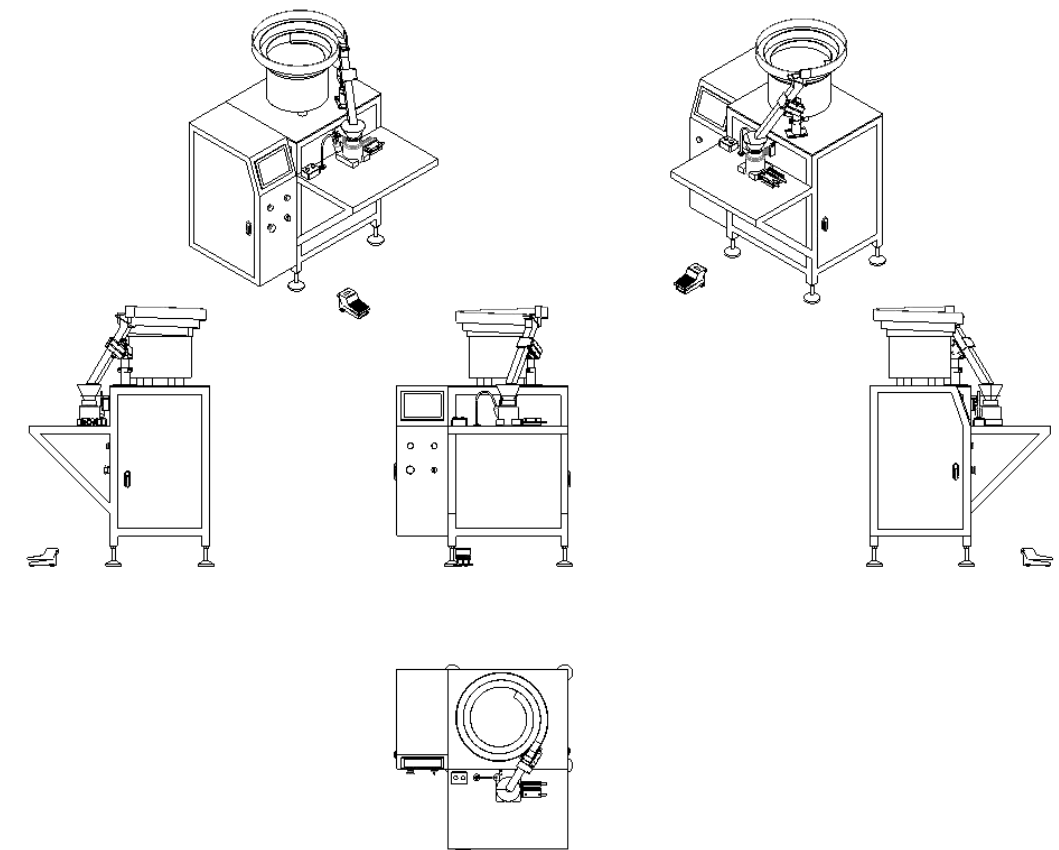
## SEMI-AUTO VIBRATION BOWL COUNTER



SC-V1



TC-1S



SC-V4

MODEL	SC-V1	SC-V4	TC-1S
Electrics	220V,50/60Hz,Single Phase,2.2 kW	220V,50/60Hz,Single Phase,2.2 kW	220 V,50/60 Hz,Single Phase,0.9 kW
Dimension	900×860×1500 mm	1560×1200×1600 mm	900×600×490 mm
Weight	200 Kg	300 Kg	100 Kg

# WEIGHING & BOTTLING



## *Weighing Bottling Production Line*

It is suitable for Rotary Combined With Multi-Head Weigher bottle filling line granule into bottles Capacity 60 bottles/min. Bottle filling line including bottle filling , capping , induction cap sealing , labeling.



*Multi-Head Combination Weigher*

# COUNTING & BAGGING



## Ultra-1 Mini Pre-made Pouch Pick Open Fill Seal Machine

Ultra-1 is a single station mini doypack with the function of pouch pick-up, open, fill and seal, also options available: date printer, MAP function, auto zipper opener or output conveyor, etc.

### Features:

- New generation sanitary design & build.
- Easy clean and avoid trash accumulated.
- Compact footprint & Low Maintenance.
- Special design for large pouch or big weight project.
- Compact single station, pneumatic system used for safety running & low maintenance.
- From down pouch pick up-open-fill-seal to output which is controlled by PLC.
- 7" User's friendly H.M.I. ensures high efficiency performance.
- Easy to Adjust & Operate.
- No Pouch, No Dump.
- Auto pouch detecting sensor, no pouch no dump ensures material splash down.
- Automatic breakdown detection and solution is displayed on the screen clearly.

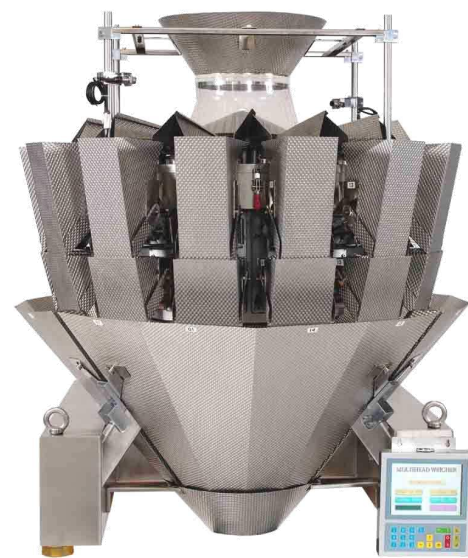
MODEL	Ultra-1
Pouch length	130- 350 mm
Pouch Width	100-300 mm
Speed	8-15 pouches/min(The speed depend on the products status and filling volume)
Pouch materials	Heat sealable laminated film
Pouch type	Standup, resealable, performed, flat bottom, 3 side seal pouch, zipper pouch, zip-lock pouch, top zip pouch, heat seal pouch, Kraft window-open paper pouch, PE/Soft Pouch ,(by different optional parts).
Power supply	220/380 V 50/60 Hz, 1 pH, 1 KW
Air consumption	0.6-0.7 Mpa
Dimension	1760×900×1870 mm

# WEIGHING & BAGGING

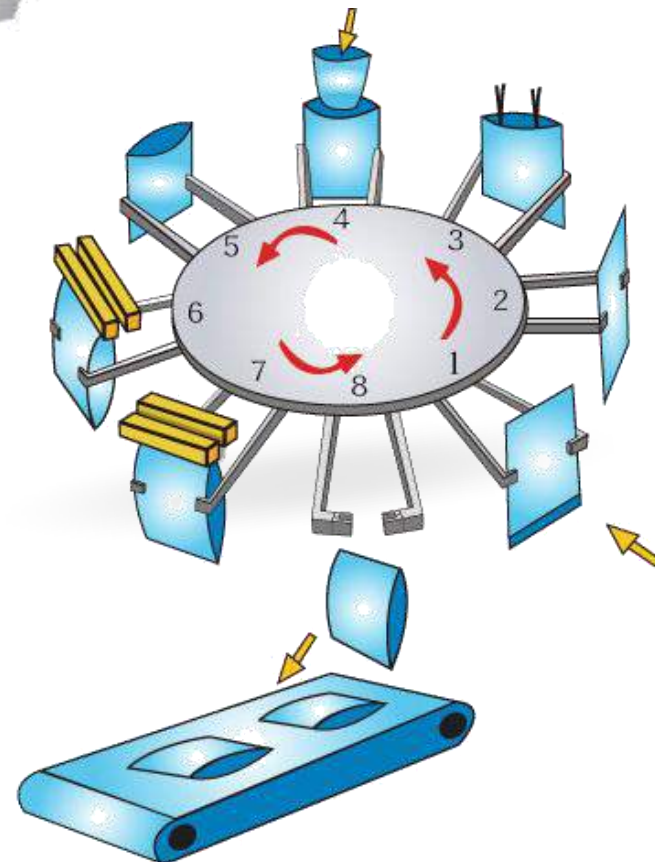


## Ultra-8S Rotary Fill and Seal Premade Pouch Bag

Rotary Automatic fill and Seal packing machine for Premade Pouch or Doypack. Easy to connect to any dosing for filling device for Solid or Granulated Products. 8 Working Stations Rotary machine Speed up to 35 ppm.



Multi-Head Combination Weigher



MODEL	Ultra-8S
Pouch length	5 <sup>7</sup> / <sub>8</sub> - 13 inch 150 - 330 mm
Pouch Width	3 <sup>7</sup> / <sub>8</sub> - 9 inch 100-220 mm
Speed	30-40 pouches/min(The speed depend on the products status and filling volume)
Pouch materials	Heat sealable laminated film
Pouch type	Flat pouch, Standup pouch,Zipper pouch, Gusset pouch and Corner spout pouch(by different optional parts).
Power supply	220/380 V 50/60 Hz,3 pH, 4 KW
Air consumption	0.6-0.7 Mpa
Weight	1300 kgs
Dimension	2680×1860×1675 mm

# WEIGHING & BAGGING



## HP Series Double-out Premade Bag Packing Machine

This series machine is suitable to pack a variety of bag types such as three -sided seal, four -sided sealing, self -standing bags, heterogeneous bags, alien self -standing bags, self -standing zipper bags, ordinary zipper bags, and adding mouth self -standing bags. You can complete the delivery of bags, filling, sealing until the finished product is cut and transported to the body. Speed up to 80-100 bags/m.



Three side seal



Four-side seal



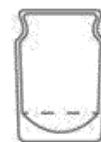
Stand up pouch



Zipper bag



Handle bag



Shaped bag



Spout bag



Other bag types

MODEL	HP-200SF	HP-300SF	HP-400SF	HP-600SF
<b>Min Size</b>	60×130 mm	90×140 mm	100×160 mm	120×180 mm
<b>Max Size</b>	90×220 mm	140×250 mm	190×300 mm	240×320 mm
<b>Capacity</b>	80-100 bags/min	80-100 bags/min	80-100 bags/min	80-100 bags/min
<b>Max.Filling Volume</b>	100 ml	1500 ml	1500 ml	2000 ml
<b>Equipment Dimensions (mm)</b>	3230×1400×1550	4700×1300×1560	4900×1300×1560	5800×1200×1550
<b>Overall Weight</b>	3500 kg	4500 kg	5000 kg	6500 kg
<b>Decibel</b>	<75 dB	<75 dB	<75 dB	<75 dB
<b>Relative Humidity</b>	Below 85%	Below 85%	Below 85%	Below 85%
<b>Voltage</b>	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz	380 V 50 Hz
<b>Power</b>	4.5 kW	10 kW	10 kW	15 kW
<b>Operation Air Pressure</b>	0.8 Mpa	0.8 Mpa	0.8 Mpa	0.8 Mpa
<b>Air Consumption</b>	0.7 m <sup>3</sup> /min	0.7 m <sup>3</sup> /min	0.7 m <sup>3</sup> /min	0.7 m <sup>3</sup> /min

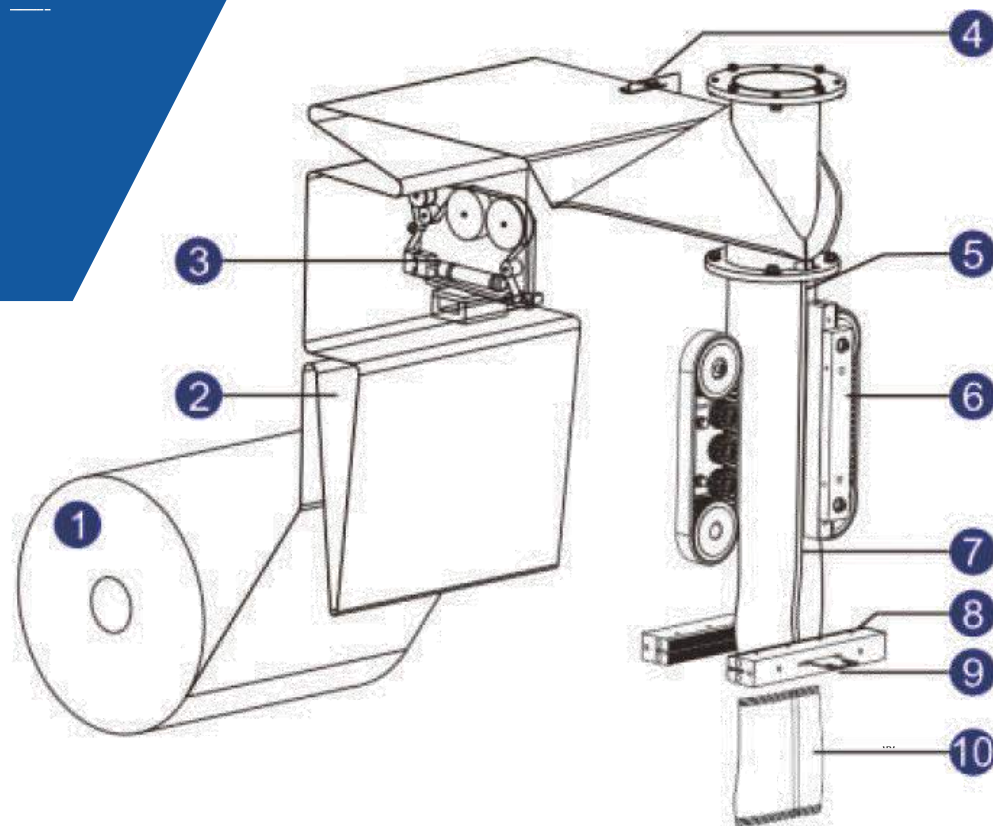
# VERTICAL FLOW WRAPPING



## VF-420 Vertical Flow Wrapper

The system will finish all the process automatically: feeding, dosing, filling, sealing, date printing and finish product conveying. It has the advantages of high accurate weighing, high efficiency without broken material.

The machine is suit to pack anomalous solid and the granule material, such as: puff snack food, potato chips, crispy rice, jelly, candy, apple chips, dumpling, small cookie, dry fruit, melon seeds, roasted seeds and nuts, medical material, deep-frozen food, etc.



- ① Film
- ② Guide tensioning
- ③ Coding position
- ④ Color code tracking
- ⑤ Forming
- ⑥ Vertical seal
- ⑦ Filling
- ⑧ Horizontal seal
- ⑨ Cut
- ⑩ Finished product output

MODEL	VF-420
Bag length	2 <sup>23</sup> / <sub>64</sub> -11 <sup>13</sup> / <sub>16</sub> inch 60-300 mm
Bag width	2 <sup>23</sup> / <sub>64</sub> -7 <sup>7</sup> / <sub>8</sub> inch 60-200 mm
Packing Speed	30-80 bags/min
Power Supply	220 V/50 Hz
Measuring accuracy	≤1%
Packing material	OPP,PE,PVC,OPP/PP,OPP/PE,PET/VMPET/PE
Compressed air consumption	6 kg/m <sup>2</sup>
Air consumption	0.3 m <sup>3</sup> /min
Roll film size	Outer diameter D≤Ø300 mm,Inner diameter D=74 mm
Weight	1000 kg
Dimension	4600×2000×3600

# BLISTER PACKING MACHINE



## **BP-150 Blister Packing Machine**

The system can be configured with multiple options including cold forming, pre-cutting, extended feeding area, inspection and rejection systems, print mark registration, and automatic feeding. It offers flexibility, efficiency, and reliable performance for diverse blister packaging needs.

### **Features:**

- Specially designed for small-scale production with high flexibility.
- Modular and compact design optimizes output in limited space.
- Simple operation with high efficiency.
- Compatible with thermoplastic and cold-forming (Alu-Alu) materials.
- PLC automation with touch screen control panel.
- Mechanical drive system for durability and low maintenance.

MODEL	BP-150
Speed (Cycles/min)	Alu/PVC: Up to 50 Alu/Alu: Up to 25
Travel range (mm)	40-120
Max. Forming Area (mm)	140×110
Max. Forming depth (mm)	12 (20mm can be customized for option)
Power Supply (Kw)	3.8
Air volume flow (m <sup>3</sup> /min)	≥ 0.2
Air pump pressure (Mpa)	0.4-0.6
Water consumption	Water cycle 20 L/ minutes
PVC specifications (mm)	0.25×150
Aluminum Foil (mm)	0.02×180
Weight (Kg)	620
Dimension (mm)	2500×580×1638
Packing Film	PVC, PVC+PVDC, PVC/aclar, ALU-ALU.etc.

# Consulting & Customer Support

At SaintyCo, we understand that success goes beyond just having the right equipment. Throughout your entrepreneurial journey, from obtaining funds to refining your gummy recipes and guaranteeing smooth operations, we're here with the expertise, resources, and support you require.

As you succeed, we thrive with you, nurturing a partnership rooted in mutual success.

**FOCUSING ON YOU:  
COMMITMENT BEYOND  
BORDERS**



## **FACTORY-TRAINED EXPERT**

Our experts, trained at manufacturing facilities, meet your machinery needs with precision and proficiency. Your trust is well-founded with us.



## **24/7 PREMIUM SUPPORT**

Count on our round-the-clock customer support, 365 days a year—on-site or virtual. We're your single contact for seamless production operations, dedicated to your success.

## **Beyond being a supplier, we're your growth partner.**

**1**

Equipment Financing

**2**

Custom Gummy Formulation

**3**

Optimized Production Planning

**4**

Installation & Commissioning

**5**

Enhanced Operating Procedures

**6**

Team Training

**7**

Technical Assistance & Aftermarket Parts

**8**

GMP, CE Documentations & Certifications, etc.



## **GLOBAL REACH**

You can easily access our technical support and replacement services, as our sales and technical teams are actively present in regions such as the U.S., Canada, the EU, and other international markets.



## **SAFEGUARD YOUR BUSINESS SECRETS**

Trust is the cornerstone of our partnership. We prioritize confidentiality, ensuring your proprietary information remains secure and undisclosed at all times.

# Consulting & Customer Support

CONTINUED

COMMISSIONING

COUNT ON US 24/7



## SYSTEM START-UP

Our expert technician will ensure proper assembly and inspect electrical and air supply.

Once powered on, they'll address equipment start-up and make any adjustments due to shipping.



## OPERATIONAL TRAINING

Operational training provides users with essential technical knowledge.

Our technician covers design principles and customization, aiding operators in quick learning and troubleshooting.

## Process

1

Review System & Explain Agenda

2

Inspect And Power-up Machines

3

Equipment Adjustment & Alignment

4

Equipment Training

5

Change-over Training

6

Maintenance Training

7

Production Operation

8

Final Review



## PREVENTATIVE MAINTENANCE

Our field technician will cover equipment maintenance requirements and proper sanitation to ensure equipment and component durability.



## LASTING RELATIONSHIPS

We strive for excellence and aim to surpass your expectations. Through personalized post-sale service and training, we aim to foster enduring relationships.

