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FIMA
Complete Supply

Bottling Plant
Canning Plant

FILLING MACHINE CO., LTD. installs various food and beverage processing and product lines in many countries. With abundant technical experience and toughening, as well as professional design, **FILLING MACHINE COMPANY** has established trade relationships with Japan Hsin Taku Industrial Corporation, Osaka Metal Industry Coordination and Assemble, German **KRONES** Company, and Canada United Packing Machine Company, etc. to further improve equipment design. As consumer trends that Europe, America and Japan occupy the leading international status, **FILLING MACHINE COMPANY** can know its opportunity clearly in worldwide markets, and develop various new products in communication and discussion with customers.

Having taken the service of customers in China and the whole business into consideration since 2001, **FILLING MACHINE COMPANY** has established an office in Shanghai, China, and plans to establish subsidiaries in South China and the Northeast to better serve customers there.

We have the following characteristics:

- ◎ Professional beverage packing and mechanical engineering.
- ◎ Strong line-up.
- ◎ Advanced, quality technical communication.
- ◎ Perfect after-sales service.



We mainly specialize in the following:

- ◎ Turn-key projects for mineral water bottling lines.
- ◎ Turn-key projects for hot-filling beverages and tea bottling lines.
- ◎ Turn-key projects for carbonated drinks.
- ◎ Turn-key projects for various dairy products such as milk, or soy milk, etc.
- ◎ Turn-key projects for cold chain delivery fruit and vegetable juices.
- ◎ Turn-key projects for wines and health care beverages.
- ◎ The design and production of various food processing machines.



AUTOMATIC EMPTY BOTTLE UN-SCRAMBLER

PC180

Features:

- * Eliminates traditional cylinder drop aligning, and adopts clockwise disk output of empty bottles, efficiently preventing surface scrubbing of bottles or bottle jamming.
- * Bottle turning machine can, counter-clockwisely, rapidly align empty bottles, making bottle mouths upright.
- * Bottle turning belt is covered with flannel, preventing surface scrubbing of empty bottles.
- * Aligns empty bottles of different sizes and different shapes, requiring only adjustment of the conveyor space, with no need to replace the model tool.
- * Adopts PLC for automatic control of the whole process. Machine can be stopped automatically while it is full of bottles. It can automatically shift between high and low speed. The device can prolong the service life of machine, with high efficiency and low power consumption.



Adopts clockwise disk output of empty bottles, preventing surface scrubbing of bottles or bottle jamming.



Adopts PLC for automatic control of the whole process. It can be stopped automatically while it is full of bottles.

Specifications:

Model	PC-150	PC-180	PC-2000
Bottle/Min	500cc-250Bottle/Min.1500cc-150Bottle/Min	500cc-280Bottle/Min.1500cc-200Bottle/Min	500cc-330Bottle/Min.1500cc-220Bottle/Min
Horse Power	(AC220V-AC440V 50HZ/60HZ) 5.5kw		
Air Power	3 kg/cm ²	3 kg/cm ²	3 kg/cm ²
Machine Dimensions	L5385 x W1810 x H2250mm	L5555 x W2100 x H2250mm	L5700 x W2330 x H2250mm

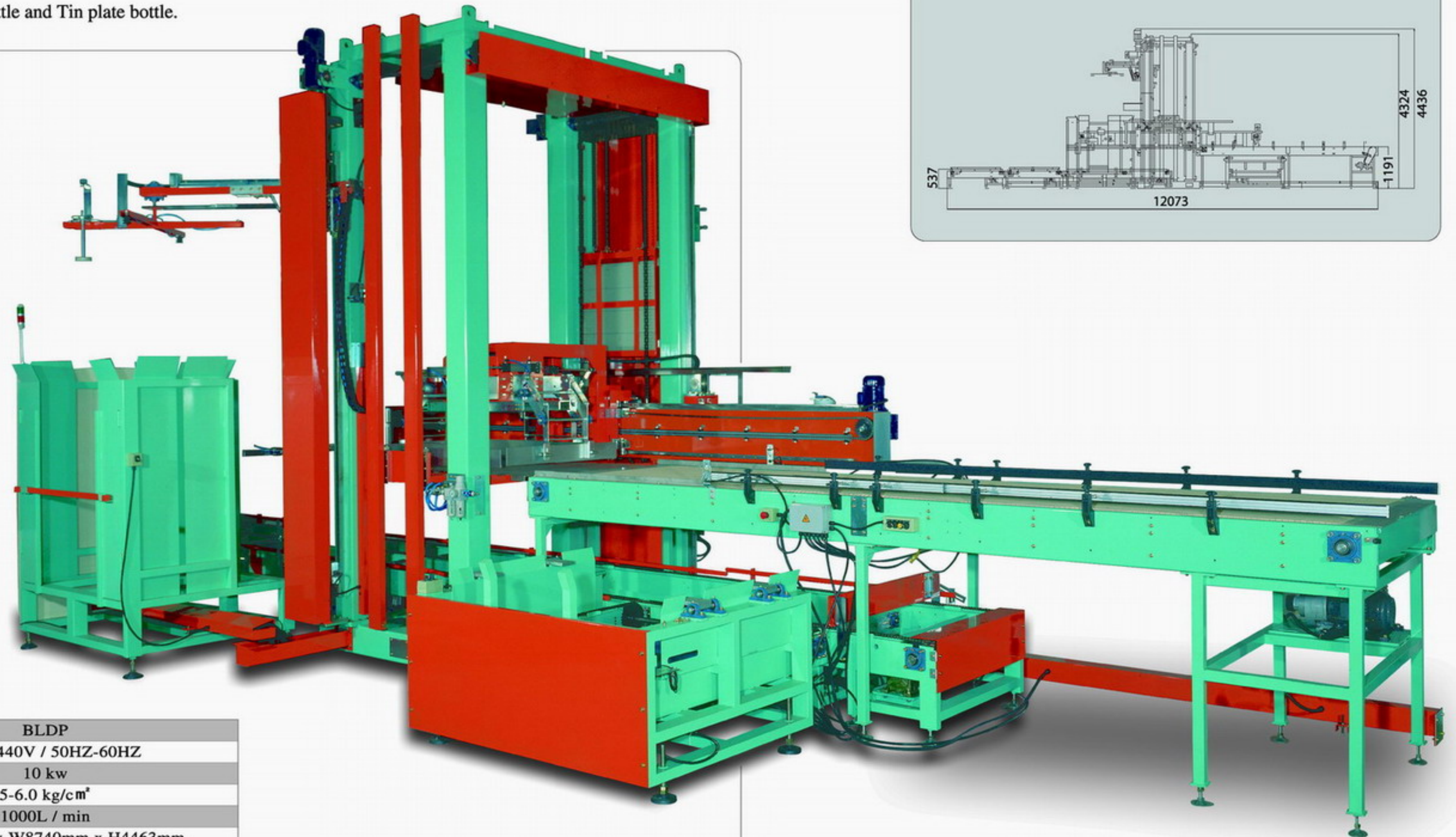
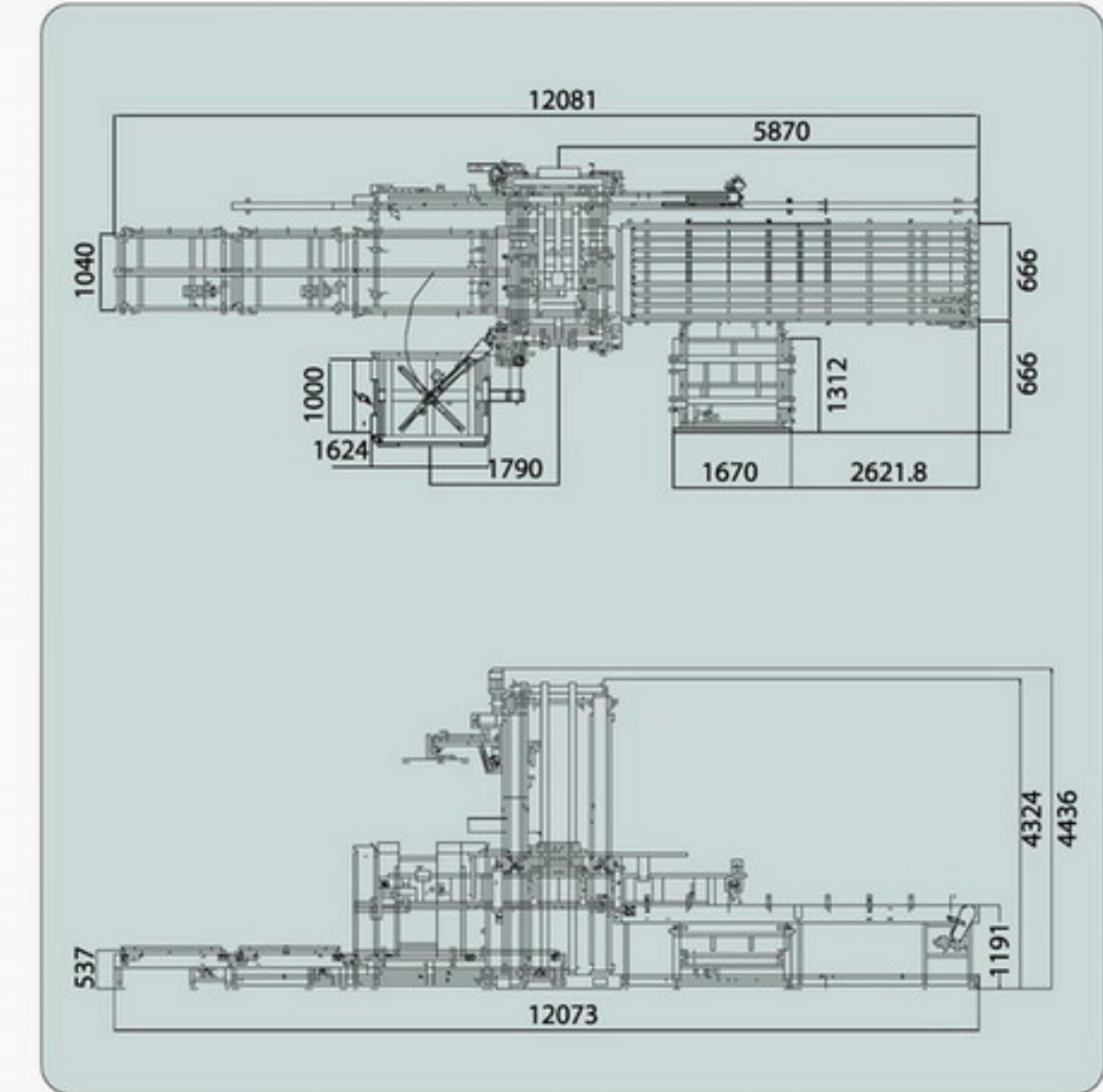


Low Level Empty Bottle Depalletizer Machine

BLDP

Features:

- * Both Chinese and English displayed man-machine interfacing control panel provides automatic display for error message and position guide for operation.
- * Automatic paper take-out combined with automatic stacking to eliminate trouble some take-out by manual operation. This also provides convenience for moving by forklift.
- * Empty bottles pallets operate automatically with a frequency inverter, assuring smooth motion without damaging on empty bottles.
- * Empty bottle pallets are collected and stacked automatically.
- * Low bed construction allows for convenient maintenance.
- * Applicable Products: PE bottle, PP bottle, PET bottle and Tin plate bottle.



Specifications:

Model	BLDP
Power Source	220V-440V / 50HZ-60HZ
Power Consumption	10 kw
Air Pressure	5-6.0 kg/cm ²
Air Flow Consumption	1000L / min
Machine Dimensions	L12081mm x W8740mm x H4463mm
Machine Weight	4200kg
Processing Capability	1-5 Layer / min
Operation Control	Both Chinese and English screen display system
Suitable Processing Package	Can, PE, PET, Glass and Bottle

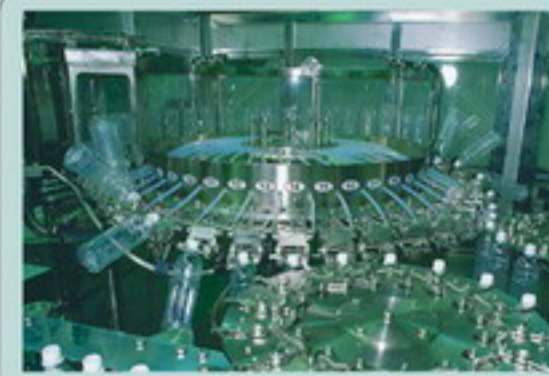


AUTOMATIC BOTTLE-NECK-HANDLING RINSER-FILLER-CAPPER

◎ R/F/C 404012C

Features:

- * This machine was designed for the production of PET bottles for non-carbonated drinks. It integrates three functions: bottle washing, filling, and sealing. It reduces costs for labor and equipment and prevents contamination during processing.
- * When changing from the star-wheel to the gripper, there is no concern about bottles getting wedged in the star-wheel.
- * The machine has a C.I.P rinse function so as to effectively clean and fill barrels and pipes.
- * The casing is made of stainless steel. It is easy to wash and clean and conforms to the GMP food standard of Taiwan. The PC transparent outer casing makes it easy and convenient to see through and provides an extra layer of protection for operators.
- * The machine is equipped with operator- and machine-controlled interfaces, making convenient operation possible. Also production capacity is conveniently and easily adjusted, providing control signals to achieve total monitoring.



Bottle Washing Unit

The bottle washing unit has a multi-stage nozzle which can be adjusted to meet different product requirements. Specially-designed gripping units can securely grip bottle necks so that empty bottles are perfectly aligned with the nozzle. The spouting time can be adjusted according to process requirements.



Clip-on Capper and Twist-closure Type Capper

The cap moving star wheel, that rotates synchronously with the sealing machine, picks up caps from the slide groove and, accurately on demand, feeds them to bottles. This prevents the situation where caps are provided but there are no bottles to receive them. The sealing machines are equipped with Japanese torque controllers. Magnetic, continuous adjustment of torque makes adjustment easy and accurate. The cap turning die head was designed to match bottle caps closely and it clings to caps and turns them tightly, without damaging their appearance.



Bottle-Neck-Handler

When changing from the star-wheel to the bottle-neck-handler (the gripper), there is no concern about bottles getting wedged in the star-wheel. Additionally, it is easier when changing the bottle size as there is no need to prepare many spare parts for different bottles.



Filling Unit

The part of filling unit that contacts products is made of #304 or #316 stainless steel ensuring product sanitation. Specially-designed return flow filling valves increase the filling speed by more than 50%. The air inside bottles is discharged, via the return flow pipe, into the pump that separates gas and liquid. This greatly reducing chances of any pollution. The parts of filling valves that contact products are made without threads so as to make them easy to clean because of the absence of dead angles.



Specifications:

Length	4616 mm
Width	3770 mm
Height	3600 mm
Air consumption	200 L / min



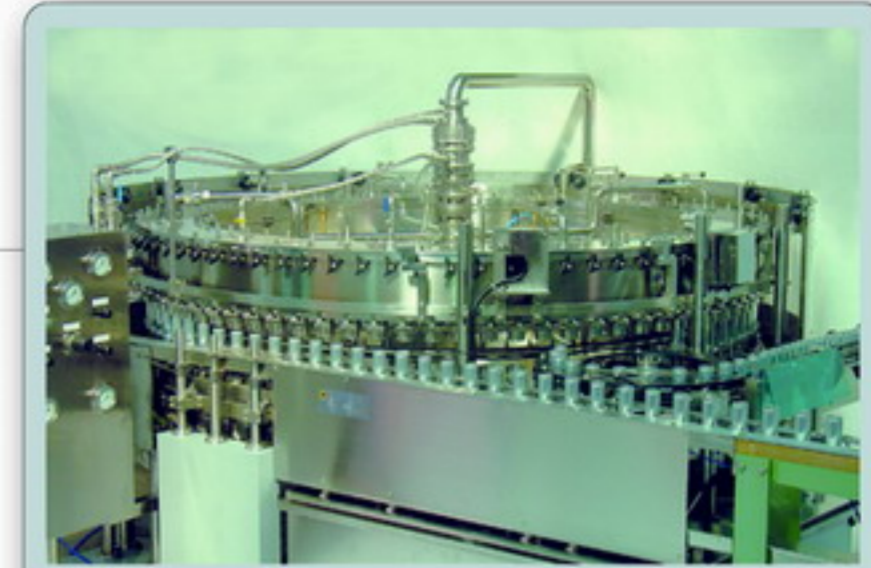
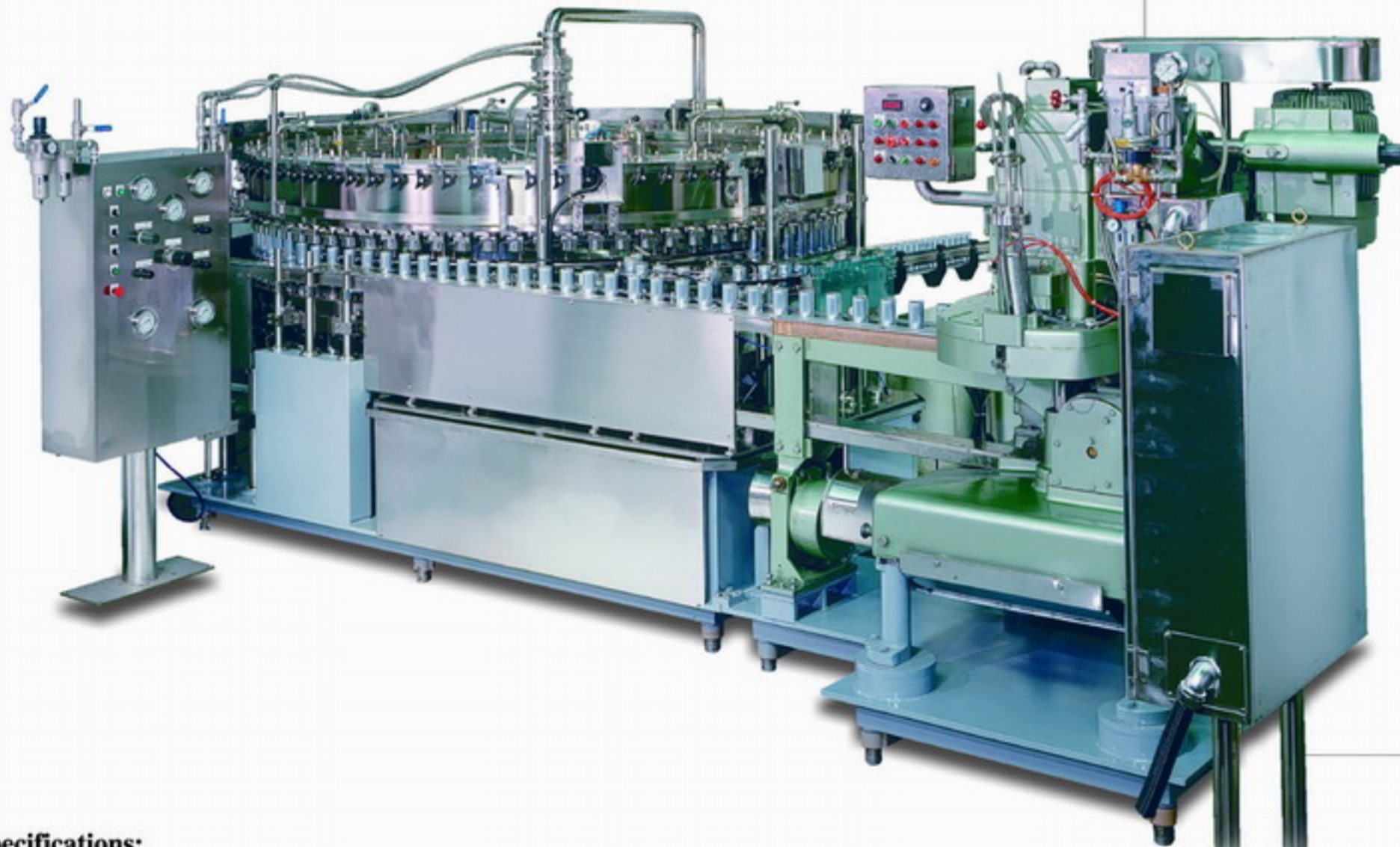


Fully Automatic Carbonated Drink Filling & Seaming Machine

CF 80 & S10

Features:

- * High capacity. With 80 nozzles, filling speed of up to 800 cans per minute for 250 cc.
- * Smooth loading and discharging. A harmonious design between the timing screw, stars, guides and conveyor is designed to effect a smooth can flow - at high speed.
- * The machine was designed with a can stop device. With the can stop device, in-feed timing screw, star-wheel and guides made of MC nylon, noise is minimized during high-speed operation, and cans are protected from breakage as well as being stable.
- * Made of SUS 304 stainless steel plate, all-welded constructed, the filler bowl is equipped with a CIP device and is easy to clean.
- * The bloc driving by the seamer synchronies with the filler.
- * The machine is made of stainless steel.



Filling Unit

Sanitary filler bowl is made of SUS304 stainless steel plate, all-welded constructed and is equipped with a CIP device making it easy to clean.

The V-shaped filling valve in a specific design, is smooth filling with no dead corners and is easy to clean.



Filler /Seamer-Features

- * Automatic lubrication system for all moving parts except seaming heads & lifters.
- * Non-touch can sensor eliminates can scratching problem.
- * Frequency inverter control provides variable can production speed from 0 to desired numbers.
- * Linear can in-feed and out-feed design avoiding contact with can bodies for scratch-free performance.
- * Adjustment for seaming roll variations can be read from the scale. Outside worm screws provide convenient adjustment.
- * Precision constructed seaming head provides accurate and trouble-free operation.
- * Can guide and turret have been processed with hard chromium plating.
- * Available to be fitted with Lid Marker, Under Cover Processing and Steam Vacuum devices.
- * Built with many safety devices, providing maximum safety of operation, long service life and superior seaming quality.
- * The main control boxes, safety shields and the parts directly in contact with liquids are all made of stainless steel.

Specifications:

Model	CF 30 & S6	CF 40 & S6	CF 50 & S8	CF 60 & S8	CF 80 & S10
Processing Capacity	300cpm	400cpm	500cpm	600cpm	800cpm
Can	Aluminum, Tin cans				
Volume	250 c.c				





GLASS BOTTLE RINSER-FILLER-CAPPER

◎ RJFSC 30308

Features:

- * This machine is designed for capping glass bottles. It combines three functions in one - rinsing, filling and capping.
- * The special design on the filling mechanism provides dynamic circulation of filling liquid and effectively prevents liquid from cooling down in case the machine stops.
- * Specially-designed filling tank without dead corners.
- * The C.I.P washing function can be online with the wash station for conveniently washing filling tank and tubes.



Bottle Rinsing Unit

It is designed with multi-step rinsing to meet various types of products. The bottle clamp can be changed to suit the bottle neck. It clamps the bottle neck firmly, allowing empty bottles to align with nozzle accurately. Rinsing time is adjustable to meet the requirements of production line. The mechanism parts that contact with rinsing liquid are manufactured from #316 material to avoid parts corroding.



Filling Unit

The filling mechanism parts that contact with products are manufactured from #304 or #316 material to meet sanitary standards. The specially-designed back-flow filling valve greatly upgrades filling speed - by over 50%. The air existing in bottles will flow through the back-flow tube to an air/ liquid separation pump that reduces pollution possibility to a minimum. The filling valve and all parts contacting with products are no thread design, providing convenient cleaning without dead corners.



Capping Unit

The aluminum caps are placed on the bottle tops by a cap selector. Then, the capping head - with a pressing mold - comes down to press the aluminum caps securely. The rubber pad in the cap fits securely on the bottle mouth. The threading blade moves to the center for clamping and produces thread according to the requirements. The anti-stealing blade tightens the anti-stealing ring to perform the capping motion.



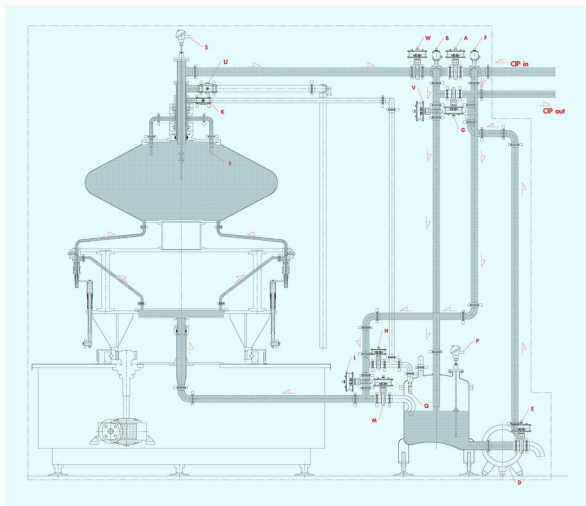
Specifications:

Model	Air Flow Consumption	Power Source	Processing Capacity
RJFSC 30308	200L/min	5HP	60c.c.-250bpm

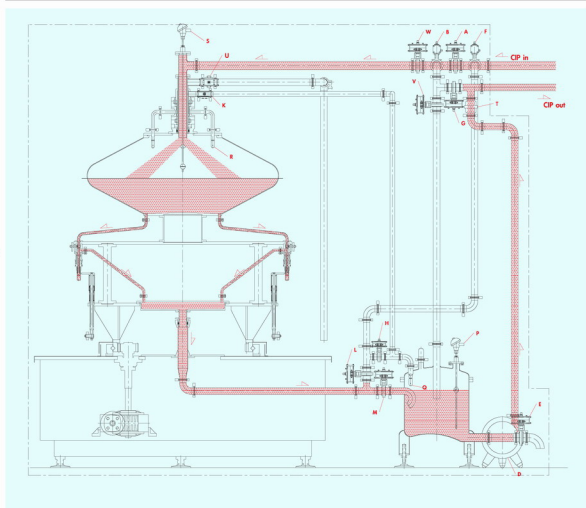


C I P FLOW-PROCESS

Reverse Washing



Positive Washing



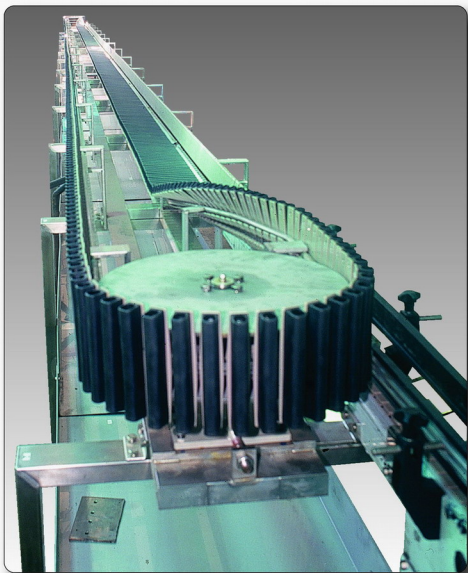


AUTOMATIC BOTTLE CAP DISINFECTING MACHINE

◎ BLC

Features:

- * This machine operates its disinfecting function by utilizing the heat inside the bottle after it is sealed with the cap. It takes about 30 to 60 seconds to disinfect; however, an adjustment may be made to meet any practical need.
- * The chain is manufactured from imported components and the frame is made of stainless materials in order to extend its service life.



Specifications:

Model	Power Source	Disinfect Time	Machine Dimensions
BLC	1.5kw	40 second	L19800 x W865 x H1410mm

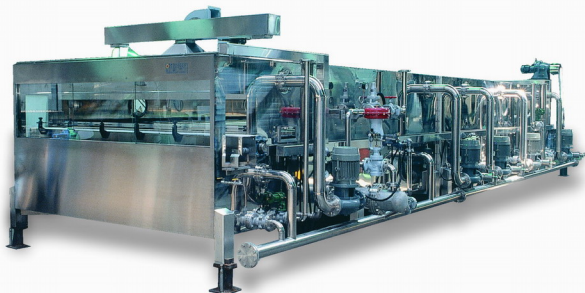


WARMER/COOLER

◎ WARMER/COOLER

Features:

- * This machine rapidly cools down the product to normal temperatures. Its design can be altered to meet different disinfecting and quenching temperatures of products.
- * The chain mesh was made in the Netherlands and is tough and durable. It does not transfigure easily. The sprinkling angles of the nozzle are uniformly distributed, without making defiladed space.
- * The heat in the mangers is well circulated, avoiding wasting the heat source and achieving the optimal quenching effect.



The basic principle of this unit is that water is used as the heat exchange medium. The sterilizing water is heated through a tube-type heater and is evenly sprayed on the bottle or can surface to take the product temperature to the sterilization level. After this, the product is moved to the cooling area. Through spraying cold water, the product temperature is lowered down to room temperature. All the used water flows back to the bottom tank for recycling.



Spray Nozzle

The nozzle is a high efficiency type with a big spraying capacity, a larger spraying area and it features even spraying and easy disassembly and cleaning.

Specifications:

Model	Power Source	Processing Capability	Air Flow Consumption	Machine Dimensions
WARMER/COOLER	35kw	500ml 500B/min	200L/min	L15350 x W4290 x H2200 mm



AUTOMATIC CARBO-COOLER MACHINE

◎ PCC

Features:

- * The unit has the functions of fluid blending, adding CO2 and cooling.
- * It removes air from water, mixes with syrup at fixed proportions, cools off CO2 and then delivers it to the cooler.
- * Very easy to maintain.
- * Very stable cooling temperature
- * Simple structure, easy to maintain.



Specifications:

Model	Power Source	Liquid Pressure
PCC	8kw	3.5kg/cm ²



AUTOMATIC SHRINKABLE LABEL INSERTING MACHINE

ESM-3200M

Features:

- * Diameter of bottle is $\phi 25 \sim 155$ mm. Other specifications available as a custom design.
- * Peculiarity rid adjust knife set, in the range of specification rid adjust razor blade, save time for change production line. There are four specifications of knife sets that can be chosen:
 - a. $\phi 25 \sim 60$ m/m.
 - b. $\phi 50 \sim 98$ m/m.
 - c. $\phi 90 \sim 125$ m/m.
 - d. $\phi 115 \sim 155$ m/m.
- * Share design for cylinder & multi-angle bottle.



Specifications:

Model	ESM-3200M
Power Source	2.0 kw
Power Capacity	160-300 bpm
Diameter of Bottle	$\phi 25$ -155mm
Cutting Length	30mm - 250mm
Label Thickness	0.035mm - 0.08mm
Material Label	PVC
Machine Dimensions	L1000mm x W840mm x H2300mm





Wrap Around Packing Machine

◎ SFA-2125

Features:

- * Human-machine interfacing screen control.
- * Automatic error message display provides convenient shooting trouble.
- * Applicable for wrapping various products, such as Tin plate can, PVC bottle, PET bottle and Glass bottle.
- * Fully wrapped shallow carton packing operation.
- * Parameters can be set and modified on the screen.
- * Scale provided for machine adjustment permits recording and convenience for adjustment.
- * Indexing transmission system eliminates inaccurate packing problem.
- * Glue spraying is calculated by encoder, ensuring consistent glue spraying length on each carton and permits adjustment and memorizing at any time.
- * Fast set up for various sizes.
- * All moving parts are provided with grease nipples for lubrication. Hard-to-reach bearings located at the machine bottle are centralized lubrication at outside through oil tubes.
- * Applicable Products: Tin plate can, PE bottle, PP bottle, PET bottle, Glass bottle and Aluminum foil box.



Specifications:

Model	SFA-2125
Power Source	220V-240V / 50HZ-60HZ
Power Capacity	8 kw
Air Pressure	5-6.0 kg/cm ²
Air Flow Consumption	1000L / min
Machine Dimensions	L6070mm x W2800mm x H2006mm
Machine Weight	2800kg
Processing Capacity	23-25cartons / min
Operation Control	English screen display system
Packaging Material	Corrugated Paper
Sticking Method	Hot Glue



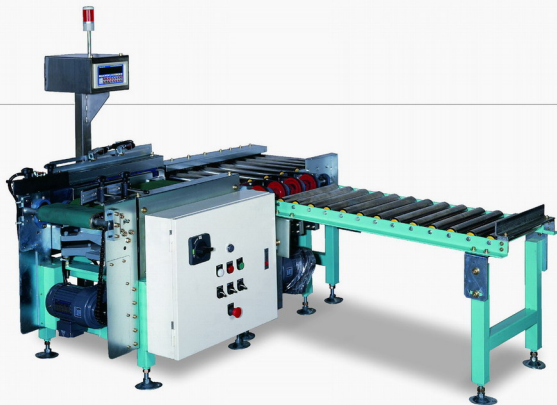


Automatic Weight Inspection Machine

☉ SFA-2100

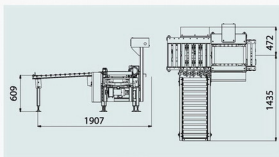
Features:

- * Designed for inspecting contents in carton and box.
- * The machine employs PLC control combined with control screen, providing automatic detection for carton and box with insufficient bottle or weight and ejecting it automatically.
- * Rollers and driven by plastic bronze gears for low noise running.
- * The control screen provides memory capability, allowing for allowing for memorizing the setting program of weight for saving weight change time.
- * DC 24V low voltage control power eliminates the danger of electric shock.
- * All moving parts are quipped with grease nipples for convenient lubrication and maintenance.
- * Applicable Products: Well packed products in carton, box and plastic basket.



Specifications:

Model	SFA-2100
Power Source	220V-440V / 50HZ-60HZ
Power Capacity	1.5 kw
Air Pressure	5.0 kg/cm ²
Air Flow Consumption	100L / min
Machine Dimensions	L1480mm x W2057mm x H1231mm
Machine Weight	600kg
Processing Capacity	16-25 cartons / min
Operation Control	English screen display system
Suitable Processing Package	Carton, Box and Plastic Basket



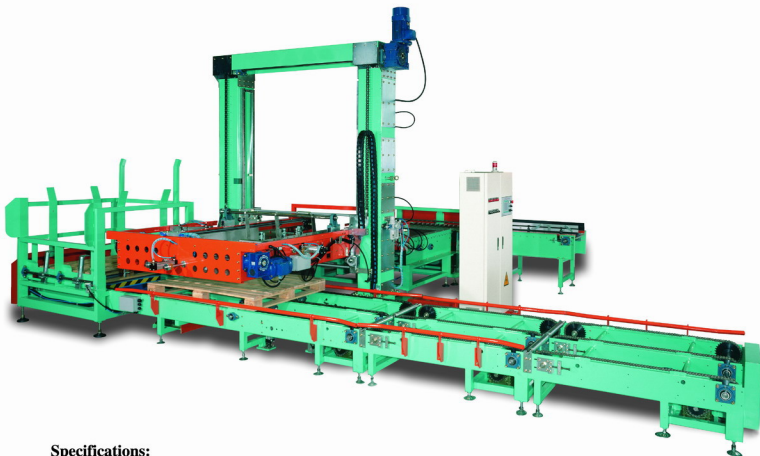


Low Level Palletizer Machine

PAT

Features:

- * Designed for stacking various types of carton, box and plastic basket.
- * Employs human-machine interfacing English screen, providing display for trouble causes, self-diagnosis and trouble positions.
- * Carton stacking quantity and layers can be set on the control panel.
- * Touch-sensing screen provides memory capability for memorizing the stacking programs for saving time of change.
- * All moving parts are equipped with grease nipples for convenient lubrication and maintenance.
- * Low bed construction allows for convenient repairing and shooting trouble.
- * Applicable Products : Well packed products in carton, box and plastic basket.



Specifications:

Model	PAT
Power Source	220V-440V / 50HZ-60HZ
Power Capacity	8 kw
Air Pressure	5-6.0 kg/cm ²
Air Flow Consumption	200L / min
Machine Dimensions	L6125mm x W5139mm x H2995mm
Machine Weight	3200kg
Processing Capacity	30-40 cartons / min
Operation Control	English screen display system
Suitable Processing Package	Plastic Plate, Wooden Plate and Paper Pallet