



B&R
VENTURES

Built to Run.....

B&R VENTURES

Can Filling and Packaging Solutions



About us

B&R VENTURES is a dedicated Indian brand committed to providing cost-effective, high-quality packaging solutions for the FMCG sector, Pharmaceutical, Rigid Packaging, Flexi packaging, R-PET and all types of Industrial Equipment.

Our dedicated team in India specializes in:

■ **SALES** - With a strong pan-India presence, our sales professionals ensure, economical solutions, timely response, solution-oriented consultations, and seamless coordination with after-sales teams for end-to-end client support.

- ▶ **Project Evaluation:** – Comprehensive assessment of client needs like feasibility report, site survey, project consultation and production goals.
- ▶ **Customized Product Design:** – We design the product that is Tailor-made to suit specific product, primary packaging, and line requirements.
- ▶ **Production Upscale** – Our team helps you to upgrade the existing lines and implement systems to improve line efficiency

■ **AFTER-SALES**

- ▶ **Installation & Commissioning** – Our expert team ensures seamless handling from material unloading to production start-up, all within the committed timeline.
- ▶ **Technical Training & Support** – We provide comprehensive training to technical staff and operators to ensure smooth and efficient operations.
- ▶ **Spare Parts** – We provide quick delivery with our readily available spare parts Inventory in Bangalore to minimize downtime.
- ▶ **Service and Tailored AMC Scheme** – B & R offers structured Annual Maintenance Contracts and responsive service plans to ensure consistent performance, reduced breakdowns, and long-term equipment reliability.

B&R VENTURES empowers Indian industries with smart, affordable, and reliable machinery. Our solutions drive efficiency, reduce downtime, and support long-term scalability across diverse production environments.



Water, Juice, Tea,
Milk-based Drinks,
Carbonated Soft Drinks & Etc.



Edible Oil, Vinegar &
Soy Sauce, Etc.



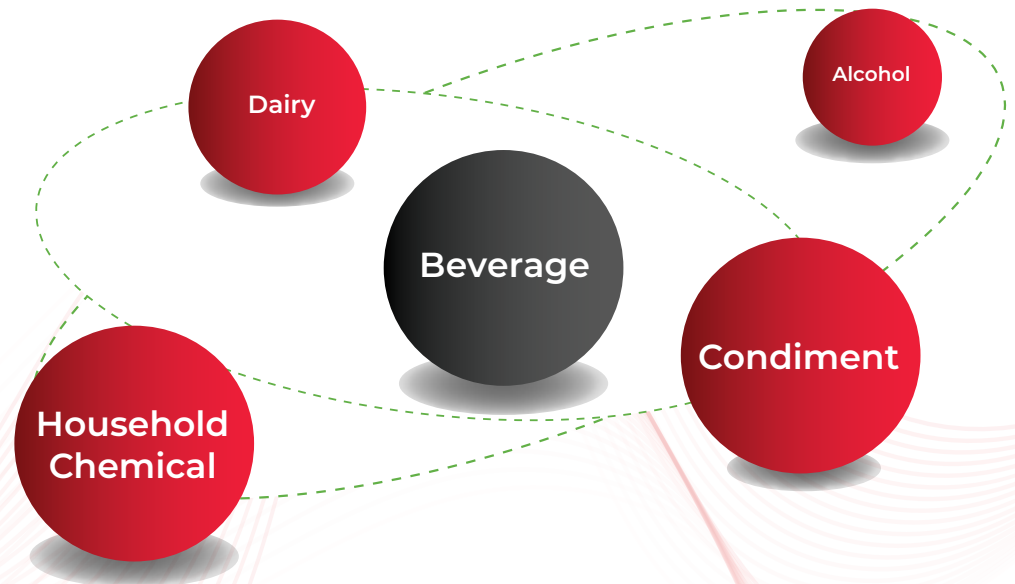
Beer, Rice Wine
& White Spirit, Etc.



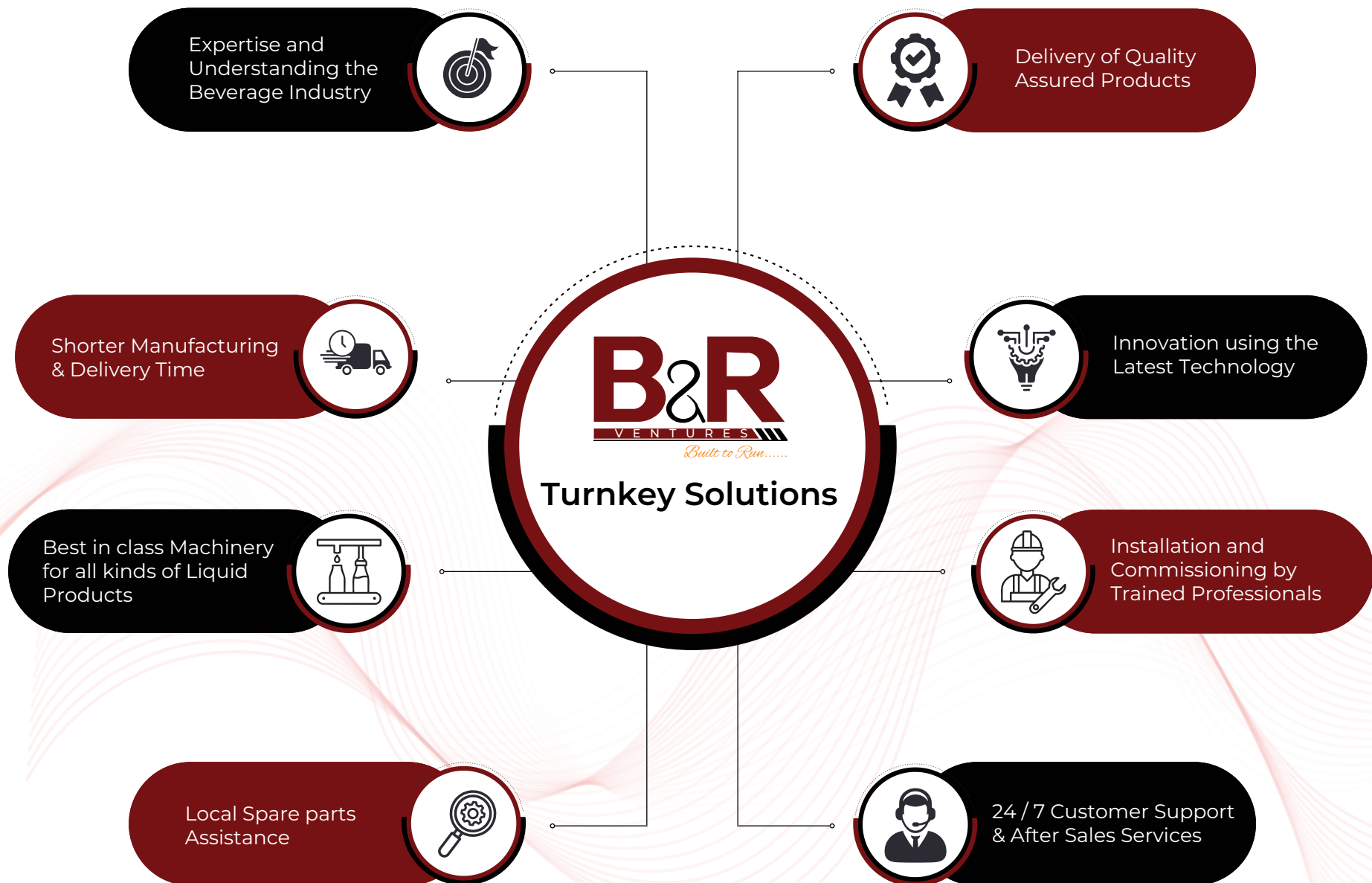
Beer, CSD, Etc.



Detergent,
Shampoo, Etc.



Why **B&R VENTURES?**



Customers



Comprehensive Solutions



Initial Evaluation

Evaluate the Project from Feasibility, Scale and Market Position etc.

Parameter Design

Analyze and Design Technical Parameter of your Engineering Project.

Proposal Confirmation

Confirm Project Implement Proposal from your General Instance.

Project Execution

According to the Project Plan, Complete the Manufacture and Installation of Machines, till Passing the Final Trial.

Personnel Training

Improve Technical Level of Operators as well as Operative Skills of the Equipment.

Service After-sales

Customer - Centered Service: Offer Rapid & Effective Engineering Service.

Canning Line



Contents

1. Can Depalletizer.....	07
2. Can Filler.....	09
3. Can Seamer.....	11
4. Pasteurizer.....	13
5. Palletizer.....	15
6. Conveyor System.....	17



Can Depalletizer



Applicable Scope: Can - 350ml, 500ml, 700ml

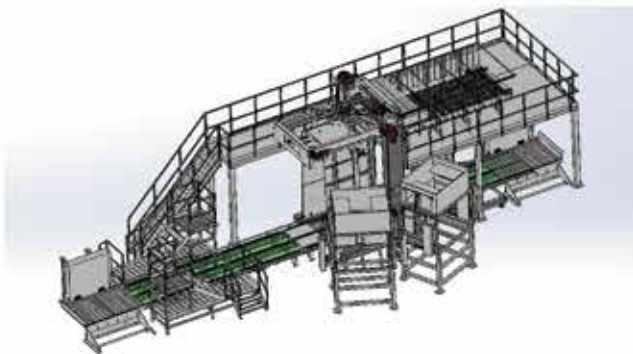
Structure: High Level Type & Low Level Type





Specifications

Type	Model	Length x Width x Height (mm)	Installed Power	Capacity
Low Level Type Can Depalletizer	F621202	12000*6500*5500	18Kw	6000 - 24000 CPH*
High Level Type Can Depalletizer	F621502A	12000*6500*5500	25Kw	18000 - 48000 CPH
				*Cans per hour



Can Filler and Seamer



Capacity : 100 - 1200 CPM*

*Cans per minute

- Design Capacity: Upto **72000CPH (330ml)**
- Filling Valve: **108**
- Filling Pitch: **89.535mm**
- Filling Accuracy: **±1.0ml**
- Filling Capacity: **≤800ml**
- Applicable Bottle:
Diameter **Φ50~73mm**
Height: **88 ~212mm**
- Filling Principle: Isobaric Filling
- Measuring: Precision Metering Barrel, Flowmeter



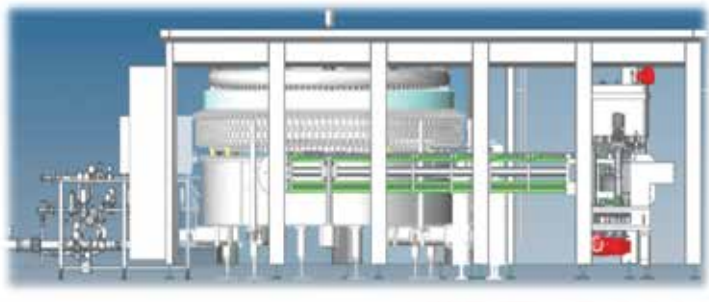
Can Filler and Seamer



Specifications

Capacity (CPM)	Model	Filling Valves	Roll Sealing Station (Seamer)	Filling Valve Name / Type
100	161012500000	12	3	Mechanical Valves, Precision Electronic Metering Barrel Filling Valves & Flowmeter Filling Valves
200	161021500000	21	3	
300	161030500000	30	6	
400	161040500000	40	6	
600	161060500000	60	9	
700	161072500000	72	9	
800	161084500000	84	9	
1000	161096500000	96	12	
1200	161108500000	108	12	
NOTE: Based on 330 ml Volume				

Can Filler and Seamer

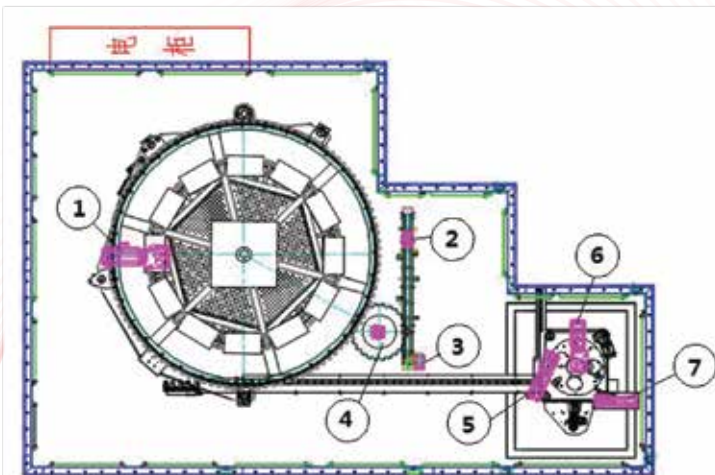


Filler-Block Adopts the Design Concept of Integrating with the can Seamer to Complete the Filling and Seaming Process Continuously.

Special Design --- Servo Separation Drive

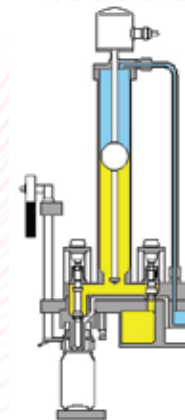
1. Main Features of Filling Unit:

- Electronic on-line Quantitative System
- Filling Valve
- Control Valve Island;
- Suitable for Beer, Gas-containing Beverages and Non-gas-Containing Beverages.



The Integrated Block Machine adopts Separate Servo Drive Technology as Below Drawing:

1. Filling Main Motor
2. Infeed Screw Motor
3. Infeed Conveyor Motor
4. Infeed Star Wheel Motor
5. Sealing Main Motor
6. Sealing Spindle Motor
7. Sealing Chain Motor



Quantitative Filling Valve Process:

- Fixed Volume Filling System;
- First Filling to Quantitative cup by Liquid Level Sensor;
- Fill in CO2 to reach same Pressure between Can and Valve
- Start Product Filling
- Close Filling Valve by reach set Value;
- CIP Channel easy for Cleaning;
- Measuring System Including:
 - A: Measuring Cylinder, B: Sensor C: Data Processing Module;
- Electronic cams control the timing of the Purge, Displacement, Back Pressure, Filling, and Subsection Exhaust, etc to Instead of Mechanical CAM;
- Filling Valve Equipped with CIP Cleaning Cups, carry out the Automatic CIP Process;

Can Filler and Seamer



2. Main Technical Parameters

a. Production Capacity and Number of Heads:

Production Capacity: 300 Cans/min (330ml)
Number of Filling Valves: 30
Number of Sealing Heads: 6

b. Filling Conditions:

Filling Temperature: 2-6 °C
Maximum CO₂ Content: 4.0GV
Filling Pressure: 0.25~0.4MPa

c. Main Dimensions:

Filling Valve Center Diameter: ϕ 1560mm
Filling Valve Distance: 52 π
Star Wheel Pitch Diameter when entering the Tank: ϕ 312mm
Seamer Chain Distance: 19.05 x 8.5=161.925mm
Height of Can Conveyor: 1200 $\pm$ 50mm
Equipment Dimensions: Length x Width x Height (Including Seamer) 5300 x 2800 x 2800mm
Weight: 9000kg (Including Seamer)

d. Consumption: (Including Seamer)

Compressed Air: 5Nm³/h, 0.4-0.5MPa
CO₂: 750g/100hl (Carbonated Beverage), 0.5-0.6MPa
Sterile Water for Lubrication: 0.3-0.5m³/h, 0.2-0.3MPa

e. Applicable Scope:

Can Type: Two Piece Can
Can Diameter: 53-66mm
Can Height: 70-175mm
Can Mouth: 202 Can Mouth (Aluminium Can Cover)

3. Performance Indicators

Detection Index	Index Value
Filling Accuracy	$\pm$ 2ml
Filling PassRate	98% or Higher
Block PassRate	99.9% or Higher
Stand-alone Efficiency	98% or Higher
Can Damage Rate	0.015% or Less
Liquid Loss Rate	0.5% or Less
Health Indicators Pass Rate	100%

4. Basic Configuration

Motor	SEW
Air Control Element	FESTO/SMC
Sensors	SICK
Inverter	SEW
Control System	SIEMENS
Touch Screen	SIEMENS
Low-Voltage Switch	SIEMENS
Piping Fittings	Local Fames Brand

Tunnel Pasteurizer System



Capacity: 9000 - 120000CPH

Specifications



Capacity (CPH)	Model	Transport Form	Number of Channels	Treatment Area
18000	14411037	Plastic Chain Mesh	Single Channel	$\geq 37 \text{ m}^2$
24000	14411049	Plastic Chain Mesh	Dual Channel	$\geq 49 \text{ m}^2$
36000	14412073	Plastic Chain Mesh	Dual Channel	$\geq 73 \text{ m}^2$
40000	14412080	Plastic Chain Mesh	Dual Channel	$\geq 80 \text{ m}^2$
60000	14412121	Plastic Chain Mesh	Dual Channel	$\geq 121 \text{ m}^2$
72000	14412141	Plastic Chain Mesh	Dual Channel	$\geq 141 \text{ m}^2$
90000	14412183	Plastic Chain Mesh	Dual Channel	$\geq 183 \text{ m}^2$
126000	14414263	Plastic Chain Mesh	Four Channels	$\geq 263 \text{ m}^2$

Special Development for the Beer / Beverage Industry High - Speed Cardboard - Packer



B&R VENTURES Special Design to Meet Client's Multi - Packing Requirement

Applicable Products

■ B&R Ventures HCP-MPK280 is a Multi-functional Wrapper for Refrigerator Packs.

■ Enables a Wide Range of Combined Designs like Aluminum Cans.

Equipment Performance Parameters

Product	Size	Max Speed	Rated Speed	Same Size Can Changeover	Different Size Can Changeover	Boot Spec Changeover	Efficiency Climb Time	Guaranteed Mechanical Efficiency
Beer / Beverage	2 x 2 Card board Pack	300 Pac / min	280 Pac / min	30 mins	70 mins	30-70 mins	30-60 mins	95%
Beer / Beverage	2 x 3 Card board Pack	300 Pac / min	280 Pac / min	30 mins	70 mins	30-70 mins	30-60 mins	95%
Beer / Beverage	2 x 4 Card board Pack	280 Pac / min	200 Pac / min	30 mins	70 mins	30-70 mins	30-60 mins	95%
Beer / Beverage	2 x 6 Card board Pack	150 Pac / min	126 Pac / min	30 mins	70 mins	30-70 mins	30-60 mins	95%
Beer / Beverage	1 x 3 Card board Pack	150 Pac / min	126 Pac / min	30 mins	70 mins	30-70 mins	30-60 mins	95%



Palletizer



Low Level Type & High Level Type



Robot Palletizer

- **Packing Form:** Carton and FILM
- **Brands:** ABB, FANUC, KUKA



Robot-Marshalling Station Palletizer

- Robot-marshalling Station is Suitable for Pre-grouping before Palletizing Cartons and Films



AMS - Automatic Marshalling Station

- AMS Marshalling Station is Suitable for Pre-grouping before Palletizing Cartons and Films



Palletizer



Specifications

Series	Type	Model	Length* Width* Height (mm)	Installed Power	Capacity
Traditional Gantry Palletizer	Single Channel Palletizer	F622401	8500*6500*4500	25Kw	6000 - 24000 CPH
	Dual Channel Palletizer	F622602	8500*6500*4500	30Kw	24000 - 72000 CPH
Single Column Palletizer	Single Channel Palletizer	F622411	8500*6500*4500	25Kw	6000 - 24000 CPH
	Dual Channel Palletizer	F622612	8500*6500*4500	30Kw	24000 - 72000 CPH
Robot Palletizer	Single Row Gripper Robot Palletizer	F622712	8500*6500*4500	20Kw	6000 - 12000 CPH
	Single Row Gripper Single Channel Robot Palletizer	F622811	8500*6500*4500	25Kw	12000 - 18000 CPH
	Dual Channel Robot Palletizer with whole Layer Hanging Cage	F622824	8500*6500*4500	30Kw	18000 - 36000 CPH
	Whole Floor Gantry High Speed Robot-Marshalling Station Palletizer	F622864	18000*6500*4500	45Kw	40000 - 120000 CPH
AMS Palletizer	Single Channel Palletizer	F622912	18000*6500*4500	40Kw	18000 - 36000 CPH
	Dual Channel Palletizer	F622924	18000*6500*4500	45Kw	36000 - 54000 CPH

Conveyors

Standard Design

Good Design of Production Line to Ensure the Operation of the Product on the Delivery Line and Equipment Operation.

It can be Designed according to the Production Line Efficient and Stable. Through years of Cooperation with Customers, B&R Ventures Can Provide Customers with high Efficiency and high Quality Conveying and Control System.

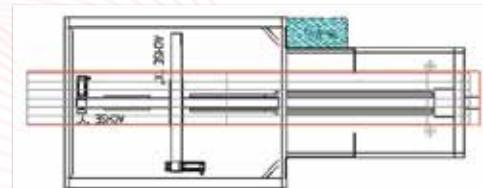


High Speed Divider

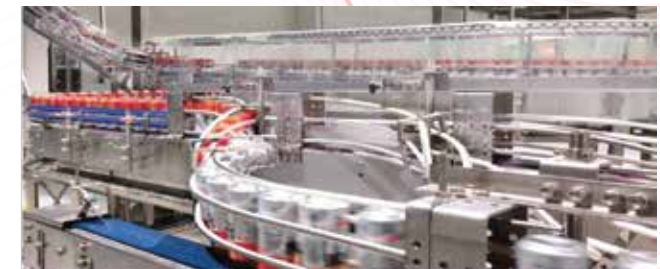
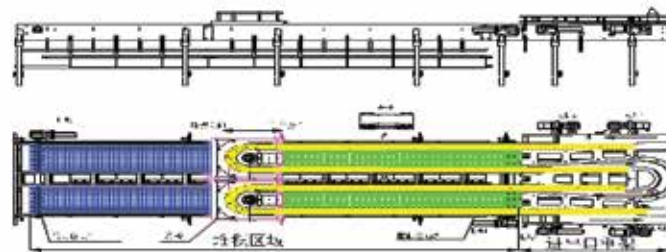
Container enters from a Single Lane.

Inspect the Speed and Number of Containers Passing through.

The Equipment Divides the Container into Multiple Lanes through Servo System.



Single Line Dynamic Buffer Table



FIFO System

Applicable for Can: Storage platform column number & Length can be adjusted according to the production capacity.



Packs Divider

Features:

- Reduce the Risk of Damage to the Cases.
- Suitable for Different kinds of Application.



Case Conveyor

Adaptability

The Equipment Design Structure is Good and Flexible, the Operation is Reliable.



Pallet Conveyor

Rich Experience

Pallet conveying is straight forward and reliable.



B&R VENTURES

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For More Details



Enquiry



24/7 Customer Care