

- Industrial Automation Solutions
- Quality Measurement & Laboratory Solutions



# JISL

## Jay Instruments And Systems Pvt. Ltd.



Inspection & Packaging



Industrial Weighing



Coding & Marking



Color and Light Measurement



Laboratory Equipments



Navi Mumbai Office



Hubballi Factory



## INTRODUCTION

- Over 30 years experience in providing high performance Industrial Automation Solutions
- Represent companies from Japan, Korea, Germany and USA
- Proud to be an ethical, professionally managed company with a highly qualified technical workforce
- Continuously strive to offer the best technical solutions matching our customer's requirements along with a strong commitment to after-sales support and customer satisfaction
- All India presence with branch offices & service centers
- Product demonstration and testing facility in Navi Mumbai enables us to ensure suitability of our solutions to various industrial applications
- 40,000 sqft. manufacturing facility in Hubballi, Karnataka & upcoming 40,000 sqft. facility in Taloja, Navi Mumbai

## OUR VALUES

- Customer First
- Innovation
- Excellence
- Contribution to society

## CORPORATE SOCIAL RESPONSIBILITY

As a part of our CSR activities, we support the Art of Living Foundation projects to provide free & holistic education to the rural and slum children across India.

## BUSINESS DIVISIONS

### 1. INDUSTRIAL AUTOMATION SOLUTIONS

- a. Industrial Weighing Solutions
- b. Inspection and Packaging Systems
- c. Coding, Marking and Labelling Systems

### 2. QUALITY MEASUREMENT & LABORATORY SOLUTIONS

- a. Colour, Light & Appearance Measurement Solutions
- b. Laboratory Equipments and Systems

### 3. DIGITAL TEXTILE PRINTING SOLUTIONS

# Inspection & Packaging Systems

**Anritsu**  
envision : ensure  
(JAPAN)

## High Speed Checkweigher



*Smart Measurement  
Function*

**Anritsu**  
envision : ensure  
(JAPAN)

## Capsule Checkweigher



*Individual checkweighing of  
different size capsules*

**Anritsu**  
envision : ensure  
(JAPAN)

## Multi-Lane Checkweigher



*Weighing control of Multi-Lane  
with one indicator*

**Anritsu**  
envision : ensure  
(JAPAN)

## Metal Detector System



*Innovative Metal Detection  
Technology*

**Anritsu**  
envision : ensure  
(JAPAN)

## X-RAY Inspection System



*Ultra HD Technology  
with HD Systems*



Sachet



Capsule



Blister pack

**FUJI**  
(JAPAN)

## Flow Wrap Machine



*Wrapping of Pharmaceuticals & Medical Products*

For 3/4 side & pillow pouch packing



Nebule strip wrapping



Tablet/capsule blister wrapping



Respule strip wrapping

**FUJI**  
(JAPAN)



## In-line Feeding System

*Accept the product arriving at a  
random rate and pools the  
product to create continuous  
head of product via series of  
sensor & servo motor*







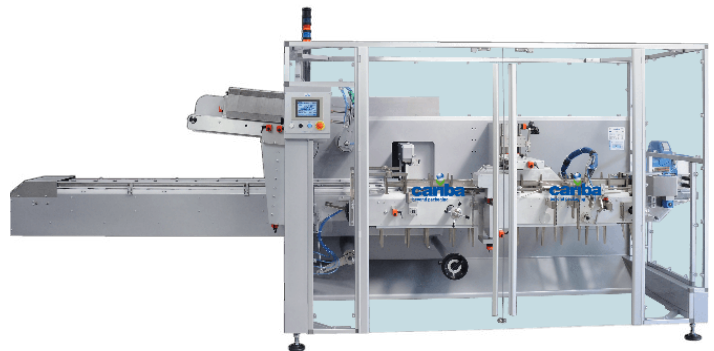
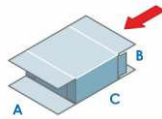
## AV30 Vertical Cartoning Machine

- The AV30 is suitable for manual or automatic feeding of pharmaceutical products into pre-glued cartons
- Top-load, intermittent motion cartoning machine, featuring positive carton pick-up and forming



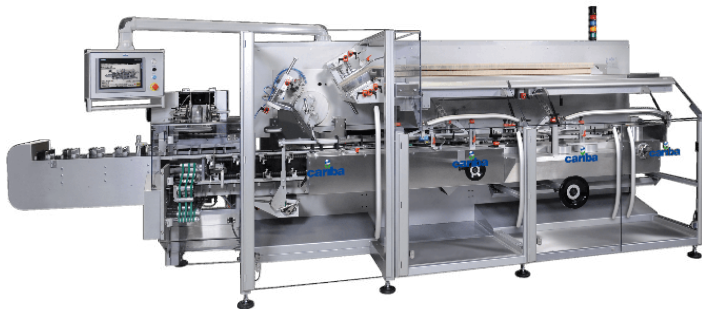
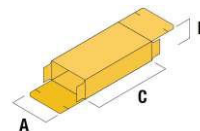
## C225 Horizontal Cartoning Machine

- The C225 is a side-load, intermittent motion horizontal cartoning machine suitable for manual and/or automatic feeding of pharmaceutical products into pre-glued cartons
- It features balcony-style design for easy cleaning and maintenance and separation between electrical and mechanical sections



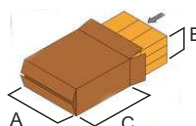
## C300 Horizontal Cartoning Machine

- The C300 is a side-load, continuous motion horizontal cartoning machine suitable for automatic feeding of pharmaceutical products into pre-glued cartons
- It features balcony-style design, separation between electrical and mechanical sections and belt-driven mechanical movements for low-noise operation



## C700 Side-Load Case Packer

- The side-load case packer C700 is suitable for packaging of cartons, bundles, sachets, bags and flow-packs inside corrugated shipper (RSC)
- Controlled by servo motors, it features balcony construction with full accessibility inside the main frame for easy cleaning, maintenance and convenient operator interventions





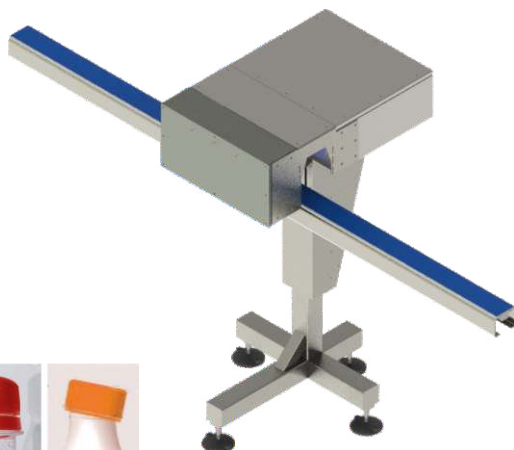
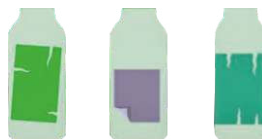
## CONTOURVISION MICRO

- 360° Label inspection system for small non-oriented containers
- Velocity upto 72.000 bottles/ hr.
- Easily detects defective containers
- Touch screen user interface
- Stainless steel enclosure



## VISIOLABEL

- Label Inspection System outside the labeller for oriented bottles
- Velocity upto 72.000 bottles/ hr.
- System can be controlled remotely
- Touch screen user interface
- Stainless steel enclosure

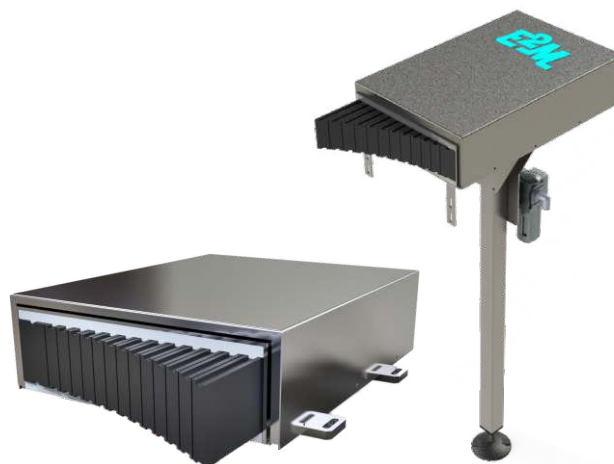


## VISIOCAP

- In-line Inspection System to detect minimum capping defect
- Velocity upto 72.000 CNT/H
- Ideal solution to inspect capper heads
- Can easily detect fallen / blown bottles
- System can be control remotely
- Touch screen user interface
- Stainless steel enclosure

## MULTISTEP REJECTION SYSTEMS

- Silent and Stable Rejection and Division System
- Velocity upto 65.000 bottles/ hr.
- Can be easily installed on existing conveyor
- Can be configured for different division strategies
- Stainless steel housing



## Weight Indicators



Weatherproof



Flameproof

## ATEX Approved Indicator

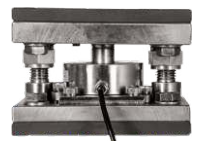


- *Touch screen graphical user interface*
- *Software for Shipper scales, manual guided batching etc.*
- *High speed data logger*
- *21 CFR part 11 compliant*
- *IoT Enabled*
- *Synchronized with remote database*

## Vessel Weighing



Loadcell



Mounting Assembly

## Data Recording System & Custom Label Printing



- *Precise weighing during filling & packing*
- *Built in USB & Ethernet*
- *Easy traceability of weighing record*

## Platform Scales



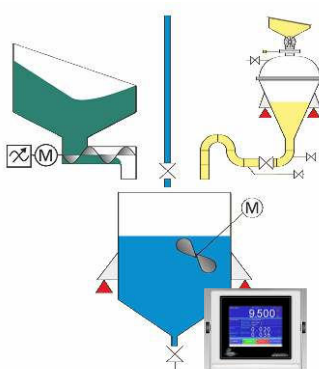
Roller platform



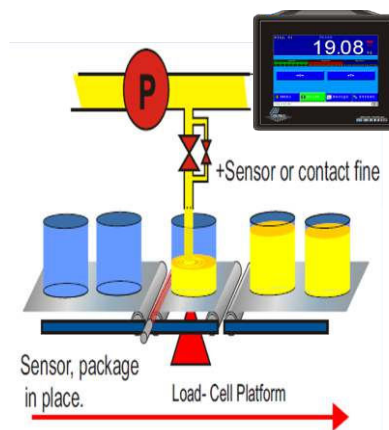
Low profile



Ultra Low Profile



Batching



Filling



## Process Weighing & Batching

- *Accurate Weighing System*
- *Can work smoothly in challenging environment*
- *Cost effective solution with easy implementation*
- *Automated Filling Systems*



# Coding, Marking & Labelling Solutions

## Coding & Marking Printers



*Continuous Inkjet Printers*



*Laser Coding Systems*



*Thermal Transfer Overprinters*



*Thermal Inkjet Solutions*



## Label Printing



## Label Applicators



*Label Print & Apply System*

# Laboratory Equipments & Systems

## Laboratory Bead Mill



*Ideal for Product Development*

## Laboratory Spray Dryer





## Spectrophotometer



*Benchtop Spectrophotometer*



*Benchtop Spectrophotometer*



*Chromameter*

*Measurement of colour for liquid, paste, powder, syrup, tablet*



Powder



Syrup



Tablet

## Certifications



ISO 9001 : 2015



ISO 14001 : 2015



ISO 45001 : 2018



Marketed in India by :



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