



Parle Global Technologies

EVOLVE . INNOVATE . **TRANSFORM**

GRANULATION



TABLETING



ENCAPSULATION



PRINTING



BULK PACKING



CARTONING



SEMI SOLID



LIQUID





GLOBAL INNOVATIONS - MAKE IN INDIA



TAKING INDIA TO THE WORLD



OUR BRANDS

TABLETING



ELITE PRESS

ECO PRESS



◆ ELITE TOOL

◆ ECO TOOL

◆ P-STEP

◆ P-MATRIX

◆ TOOL CARE

◆ PASSURE

◆ PRESS PARTS

◆ ELITE PACK

CAPSULE FILLING



PF

COUNTING AND FILLING LINE



CARTONING



TUBE FILLING AND SEALING



TABLET PRINTING



LIQUID FILLING LINE



SERVICES



PRODUCT PORTFOLIO

> GRANULATION & PROCESSING

- ◆ Roller Compaction
- ◆ Multi Functional Processing

> WET GRANULATION

- ◆ Rapid Mixing & Granulating
- ◆ Fluid Bed Drying/Processing
- ◆ Sifting
- ◆ Milling
- ◆ Blending

> COATING

> TABLETING

- ◆ Tablet Compression
- ◆ Tablet Tooling

> ENCAPSULATION

- ◆ Capsule Filling
- ◆ Capsule Check Weighing
- ◆ Softgel Encapsulation

> VISUAL INSPECTION - TABLET / CAPSULE

> PACKAGING

- ◆ Bulk Counting & Filling
- ◆ Tablet / Capsule Printing
- ◆ Blister Packing
- ◆ De- Blistering
- ◆ Cartoning

> NON DESTRUCTIVE LEAK TESTING

- ◆ Blister Packs | Flexible Packs | PFS | Medical Devices

> TUBE FILLING & SEALING

> LIQUID FILLING | CAPPING | LABELLING

> AMPOULE | VIAL | SYRINGE INSPECTION

> WEIGHING | FILLING | BAND SEALING

> SERVICE



Chairman
Mr. Rajmal L. Mehta



PARLE TABLETING TECHNOLOGIES: A NEW IDENTITY FOR A PROVEN LEGACY



C.E.O
Mr. Mahendra R. Mehta

Parle Global Technologies Pvt. Ltd. has acquired full ownership of Parle Elizabeth Tools Pvt. Ltd., its joint venture with the Elizabeth Group of Companies.

Consequently, the entity will operate as **Parle Tableting Technologies Pvt. Ltd.**, a dedicated division focussed exclusively on compression machinery and tooling.

With this transformation, **Parle Tableting Technologies** becomes the only company globally specializing in both tooling and compression machines — a rare and powerful combination that enables unmatched integration, precision and performance.

A Make in India Success Story

These strategic moves are a testament to the strength of Indian innovation and manufacturing. As a proud Make-in-India company, Parle Global Technologies continues to design, engineer and manufacture world-class pharmaceutical machinery in India—serving global markets with excellence, reliability and pride.

Parle continues to bring global technologies to India through enduring partnerships with HATA and FREUND from Japan, CUBEGEL and LEEPACK from South Korea, and SEPHA from the United Kingdom — delivering advanced solutions tailored to the needs of Indian manufacturers.

Parle Global Technologies Pvt. Ltd. has been serving the Pharmaceutical, Food & Beverages & Cosmetic industries for **50+ Years** offering customized solutions.

OUR PORTFOLIO



Granulation | Tablet Compression | Tooling (Punches & Dies) | Tool Care | Press Parts Press Rebuilds | Blister Change Parts | Capsule Filling | Capsule Check Weigher Printing – Tablet & Capsules | Inspection Systems | Counting & Filling Line | Wet Granulation Tube Filling & Sealing | Pouch, Container & Jar Filling | Capping | Cartoning | Liquid Line

MILESTONES

1974

Foundation of Parle Group as **PARLE INDUSTRIAL PRODUCTS**

1983

Formation of **PARLE TABLET TOOLS**, a Private Limited Company

1987

Started **EXPORTS** of Quality Tablet Tooling to the global market

1997

Parle partners with **GLOBAL** technologies to introduce them to Indian Pharma Industry

2010

Initiated **TABLET PRESS** manufacturing at Ahmedabad under Parle Elizabeth Tools

2009

Inauguration of new **PACKAGING MACHINERY** manufacturing facility at Vasai, Maharashtra

2008

JV with Elizabeth Carbide Co. Inc., USA to form **PARLE ELIZABETH TOOLS PVT. LTD.**

2007

Inauguration of **ASIA's LARGEST TOOLING** manufacturing facility at Vasai, Maharashtra

2013

JV with Koval Machineries to form **PARLE KOVAL MACHINERY PVT. LTD.**

2014

JV with Leepack Co. Ltd., Korea to form **PARLE LEEPACK MACHINERY PVT. LTD.** Inauguration of new manufacturing facility for **TOOLING & PRESS PARTS** at Sanand, Ahmedabad

2016

Inauguration of the State-of-the-Art **TABLET PRESS** manufacturing facility at Sanand, Ahmedabad

2017

Inauguration of the **PACKAGING MACHINERY** manufacturing facility at Sanand, Ahmedabad. Initiated manufacturing of **HATA CVX-LD-U** under licence from Hata, Japan

2022

Launch of GX-20/P by Parle Freund and **HATA GS-SS** under licence from Hata, Japan

2021

Initiated manufacturing of **HATA CVX-LS-U Tri-Layer** Tablet Press

2020

Initiated **ROLLER COMPACTOR** Manufacturing at Vasai, Maharashtra under Parle Freund Machinery

2018

JV with Freund Corporation, Japan to form **PARLE FREUND MACHINERY PVT. LTD.** JV with **PACIFAB TECHNOLOGIES LLC.**

2023

1000+ Tablet Press machines sold worldwide, **50+ HATA** Press machines sold and **3750000** capsule filler launched, 100+ Machines Of Leepack sold in India

2024

JV with **PRISMTECH PACKAGING SOLUTIONS PVT. LTD.**

2025

Launch of new corporate identity of Tableting Division as **PARLE TABLETING TECHNOLOGIES PVT. LTD.**

KEY HIGHLIGHTS

50+
YEARS
SERVING HEALTHCARE

7
MANUFACTURING
FACILITIES IN INDIA

1200+
EMPLOYEE
STRENGTH

10
REGIONAL CONNECTS
IN INDIA

90+
COUNTRIES
SERVING WORLDWIDE

MANUFACTURING FACILITIES



MAHARASHTRA



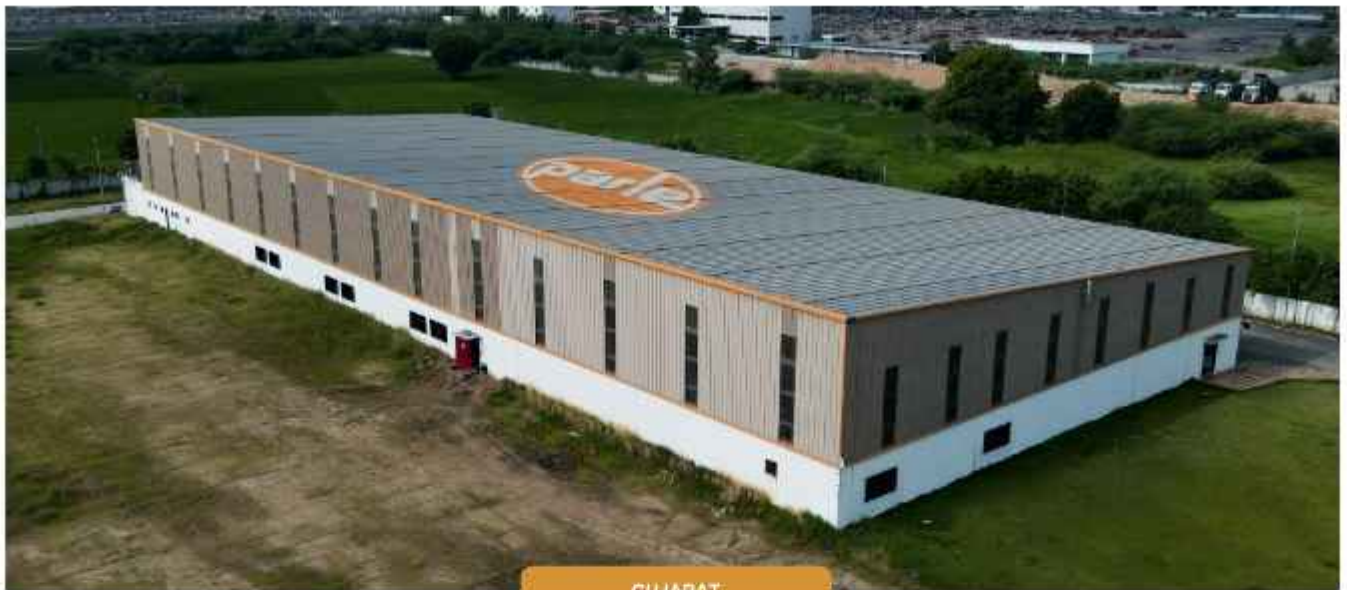
MAHARASHTRA



MAHARASHTRA



MAHARASHTRA



GUJARAT



GUJARAT



GUJARAT



GUJARAT

DRY GRANULATION



TF-3012P HIGH PRODUCTION ROLLER COMPACTOR

- ◆ Dual Roller Mounting Blocks System
- ◆ De-aeration Hopper and Screw (Option)

Capacity	300 kg/hr
Hopper Volume	60 ltr
Max Roll Force	30 Ton/300 kN



TF-208P HIGH PRODUCTION ROLLER COMPACTOR

- ◆ Horizontally-arranged Rolls with Vertical Screw Feed System
- ◆ Color Touchscreen Control System

Capacity	200 kg/hr
Hopper Volume	30 ltr
Max Roll Force	20 Ton/200 kN



TF MINI P R&D | PILOT SCALE ROLLER COMPACTOR

- ◆ Unique Compaction Seal Design
- ◆ Portable Self-Contained System

Capacity	10 kg/hr
Hopper Volume	3 ltr
Max Roll Force	4.8 Ton/48 kN



GX-20P R&D MODEL GRANUREX®

- ◆ Multi Functional Rotor Processor
- ◆ For Granulating, Coating and Drying

Capacity 0.5 ~ 1.0 kg/hr

trial record of API by using Granurex

Extemporale	Mesolamine	Lactoprase	Omeprazole	Metoprolol
ETHELCEL™ [®]	Apipin	Isopropin	Acetaminophen	Flurbiprofen

TABLET PRESS: State-of-the-art manufacturing facility offering the following Tablet Press brands.

♦ HATA

High production Tablet Press with Interchangeable Turret and Tri-layer Tablet Press.

♦ ELITE PRESS

Range from R&D, Pilot & Production scale presses. Available variants include Standard and Automatic Weight Control (AWC) models

♦ Eco Press

Range from R&D, Pilot & Production scale presses. Available variants include Standard and Automatic Force Rejection (AFR) models

♦ WiP

Our new wash-in-place containment presses

♦ HiTON

Our range of tablet presses designed for high-tonnage applications, available in both standard and Automatic Weight Control (AWC) models.

TABLET TOOLING: We are the first Tooling company in Asia to be ISO 9001: 2008 certified from TÜV SÜD, South Asia. offers the following Tooling & Tool Care & Allied products.

ELITE TOOL

Premium tooling material like **AISI S7, D2 & SUS 440C** for Punches and **AISI D3, SUS 440C** for Dies are manufactured. Coatings like **Chromium Nitride** and **Multi Layer Chromium Nitride** can be offered on these steels for Punches.

P-MATRIX

Outputs are sometimes main concern on customers. We cater to customer needs through product nature and size based solutions using **MULTI TIP Tooling** in fixed design, replaceable tip design and other workable solutions.

PASSURE

This division provides complete engineering services in **Automation, Retrofitting of Table Presses And Special Upgradation Projects** for any existing processing & packaging equipment.

ECO TOOL

Standard tooling made from **AISI O1** material for punches and **AISI D3** material dies, with **Hand Chrome Plating** is offered.

CUSTOMISED TOOLING

We design and manufacture special Tooling like **Rota Head, Polo type, Bolus** and other customized tooling.

PRESS PARTS

This division provides **OEM level Tablet Press Parts** for all major Tablet compression machines available in Indian and Global market.

P-STEP

Super Premium Steels like **PMAT 122, PMAT 32, PMAT 80, PMAT 51 & PMAT 170** based on the understanding of customer needs and providing issue based solution for individual products.

TOOL CARE

The complete range of **Tool Maintenance Equipment** for **Checking, Maintaining, Polishing, Cleaning, Handling & Storing** of tools to maintain the health & increase the efficiency.

ELITE PACK

Blister Change Parts are offered for all the major Blister Packing machines. Customized solutions are provided for product feeding and handling.

TABLET COMPRESSION



CVX-LD-I

INTERCHANGEABLE TURRET
DOUBLE ROTARY

- ◆ Quick Turret Changeover
- ◆ Drive System with Air Cooling
- ◆ Two Stage Sealed Force Feeder
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	45 D	55 B	65 BB
Output /hr (Single Layer)	432,000	528,000	624,000
Output /hr (Bi-Layer)	108,000	132,000	156,000
Pre Compression Force	8 Ton /80 kN		
Main Compression Force	8 Ton /80 kN		



CVX-LS-I/3L

TRI-LAYER/
TABLET-IN-TABLET

- ◆ Patented Core Feeder Process
- ◆ Core Tablets are Fed from a Vibratory Bowl
- ◆ Cam Lifts Pin and Tablet Through Centre Core Holder
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	45 D	55 B	71 BB
Output /hr (Tri Layer)	108,000	132,000	170,400
Pre Compression Force	8 Ton /80 kN		
Main Compression Force	8 Ton /80 kN		



CVX MS I

SINGLE ROTARY
PRODUCTION SCALE

- ◆ Two stage sealed Force Feeder
- ◆ Simple operation
- ◆ Easy Cleaning and Maintenance
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	32 D	38 B	45 BB
Output /hr	192,000	228,000	270,000
Pre Compression Force	8 Ton /80 kN		
Main Compression Force	8 Ton /80 kN		



GS-SS I

SINGLE ROTARY
PILOT SCALE

- ◆ Two stage sealed Force Feeder
- ◆ Simple operation
- ◆ Easy Cleaning and Maintenance
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	15 D	18 B	22 BB
Output /hr	63,000	75,000	92,400
Pre Compression Force	5 Ton /50 kN		
Main Compression Force	5 Ton /50 kN		

* Actual tablet output and maximum application of compression force will depend upon the material characteristics, the size and shape of punches.

TABLET COMPRESSION

ELITE PRESS



EP 700 AWC

DOUBLE ROTARY HIGH PRODUCTION
COMPACT FOOTPRINT

- ◆ Compact Footprint
- ◆ Motorized Penetration Control
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	51 D	61 B	75 BB
Output /hr (Single Layer)	459,000	549,000	675,000
Output /hr (Bi-Layer)	153,000	183,000	275,000
Pre Compression Force	10 Ton /100 kN		
Main Compression Force	10 Ton /100 kN		

Available Variant

EP 700 S AWC
Segmented Turret

EP 500 AWC

MONO LAYER & EFFERVESCENT
HIGH PRODUCTION

- ◆ Good, Sample & Reject Tablet Production
- ◆ High Torque Reduction Gear Box
- ◆ Online Magnesium Spray & Liquid Paraffin Spray (Optional)
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	32 D	38 B	45 BB
Output/hr (Single Layer)	134,400	159,400	189,000
Tablet Diameter (Single Tip)	5 to 24	5 to 16	5 to 13
Pre Compression Force	10 Ton /100 kN		
Main Compression Force	10 Ton /100 kN		

Available Variant

EP - 500



EP 400 AWC

DOUBLE ROTARY
MEDIUM PRODUCTION

- ◆ Auto Sampling During Bi-layer
- ◆ Precise Punch Tracking with Encoder
- ◆ Tool Safe Overload Safety
- ◆ 21CFR Part 11 Compliant

No. of Stations & Tooling	29 D	37 B	45 BB
Output /hr (Single Layer)	174,000	222,000	270,000
Output /hr (Bi-Layer)	52,200	66,600	81,000
Pre Compression Force	3 Ton /30 kN		
Main Compression Force	10 Ton /100 kN 6.5 Ton / 65 kN		

Available Variant

EP 400

* Actual tablet output and maximum application of compression force will depend upon the material characteristics, the size and shape of punches.

TABLET COMPRESSION

ELITE PRESS



EP 200 AWC R&D | PILOT SINGLE LAYER

- ◆ Tool-Less Hopper Fitment
- ◆ Turret with Lower Seal
- ◆ Heavy Duty & Sturdy Construction
- ◆ 21 CFR Part 11 Compliant

No. of Stations & Tooling	8 D	10 B	12 BB	5D + 5B
Output /hr (Single Layer)	14,400	16,000	21,600	9,000
Pre Compression Force	5 Ton / 50 kN			
Main Compression Force	5 Ton / 50 kN			

Available Variant **EP 200 FORCE**
EP 200

EP 200 L AWC R&D | PILOT BI-LAYER

- ◆ Single Paddle Force Feeder
- ◆ Direct Drive to the Turret
- ◆ Double Walled Cams Design
- ◆ 21 CFR Part 11 Compliant

No. of Stations & Toolin	9 D	11 B	13 BB	5 D + 5 B
Output /hr (Single Layer)	16,200	18,200	23,400	9,000
Pre Compression Force	3 Ton / 30 kN			
Main Compression Force	5 Ton / 50 kN			

Available Variant **EP 200 L AWC MUPS**
EP 200 L FORCE
EP 200 L



WiP



WiP200 R&D | SELF CONTAINMENT

- ◆ OEB 5 Compliant
- ◆ Wash-In-Place Capability
- ◆ Tool-Less Hopper Fitment
- ◆ Turret with Lower Seal
- ◆ Heavy Duty & Sturdy Construction

No. of Stations & Tooling	6 D	10 B	12 BB	5 D + 5 B
Output /hr (Single Layer)	24,000	30,000	36,000	15,000
Pre Compression Force	5 Ton / 50 kN			
Main Compression Force	5 Ton / 50 kN			

* Actual tablet output and maximum application of compression force will depend upon the material characteristics, the size and shape of punches.



ECO VII ML

TRI-LAYER
HIGH PRODUCTION

- ◆ Equal Size Force Feeder
- ◆ Automatic Lubrication System
- ◆ Tablet Parameter Control
- ◆ Report Function Enabled

No. of Stations & Tooling	49 D	61 B
Output /hr (Single Layer)	176,400	219,600
Output /hr (Bi-Layer)	117,600	146,400
Output /hr (Tri-Layer)	88,200	109,800
Main Compression Force	1 st Layer	2 Ton / 20 kN
	2 nd Layer	2 Ton / 20 kN
	Final Layer	6 Ton / 60 kN

ECO VII AFR

DOUBLE ROTARY
HIGH PRODUCTION

- ◆ Tablet Parameter Control Copy from Side 1 to Side 2
- ◆ Turret with Lower Punch Seal
- ◆ Double Paddle Force Feeder
- ◆ Report Function Enabled

No. of Stations & Tooling	51 D	61 B	75 BB
Output /hr (Single Layer)	367,200	439,000	540,000
Output /hr (Bi-Layer)	91,800	109,800	135,000
Pre Compression Force	3 Ton/ 30kN		
Main Compression Force	10 Ton/ 100kN		

Available Variant **ECO VII**





ECO V_{AFR} DOUBLE ROTARY MEDIUM PRODUCTION

- ◆ Turret with Lower Punch Seal
- ◆ Double Paddle Force Feeder
- ◆ Variable Upper Punch Penetration
- ◆ Report Function Enabled

No. of Stations & Tooling	37 D	45 B	55 B
Output /hr (Single Layer)	266,400	324,000	396,000
Output /hr (Bi-Layer)	66,800	81,000	99,000
Main Compression Force	10 Ton/100 kN	6 Ton/60 kN	

Available Variant : **ECO V**

ECO IV_{AFR} DOUBLE ROTARY MEDIUM PRODUCTION

- ◆ Tablet Parameter Control from Left and Right Side
- ◆ Turret with Lower Punch Seal
- ◆ Double Paddle Force Feeder
- ◆ Report Function Enabled

No. of Stations & Tooling	27 D	35 B	45 BB
Output /hr (Single Layer)	155,520	201,600	259,200
Output /hr (Bi-Layer)	48,600	63,000	81,000
Main Compression Force	10 Ton / 100 kN	6 Ton / 60 kN	

Available Variant **ECO IV**





ECO III AFR

SINGLE ROTARY SMALL PRODUCTION

- ◆ Hard Anodized Gravity Feeder
- ◆ Variable Upper Punch Penetration
- ◆ Robust External Worm & Worm Gear System
- ◆ Report Function Enabled

No. of Stations & Tooling	20 D	27 B
Output /hr (Single Layer)	60,000	81,000
Main Compression Force	10 Ton / 100kN	6 Ton / 60kN

Available Variant **ECO III**



ECO II

SINGLE ROTARY R&D/PILOT

- ◆ Semi-Direct drive to the Turret through high torque reduction gear box
- ◆ Lockable Control Knobs for Main Compression & Fill Depth control

No. of Stations & Tooling	8 D	10 B	5 D + 5 B
Output /hr (Single Layer)	14,400	18,000	9,000
Pre Compression Force	2 Ton / 20 kN		
Main Compression Force	6 Ton / 60 kN		



TABLET COMPRESSION



HiTON



HiTON 700 AWC

**HIGH TONNAGE
DOUBLE ROTARY**

- ◆ High Tonnage Compression Rolls
- ◆ Pull Down Cam for Reduced Dust Generation
- ◆ Force Feeder with Independent ACVF Drive
- ◆ 21 CFR Part 11 Compliant

No. of Stations & Tooling	51 D	61 B	75 BB
Output /hr (Single Layer)	459,000	549,000	675,000
Output /hr (Bi-Layer)	153,000	183,000	275,000
Pre Compression Force	10 Ton / 100 kN		
Main Compression Force	15 Ton / 150 kN		

HiTON - VII

**DOUBLE ROTARY
HIGH PRODUCTION**

- ◆ Suitable for high tonnage applications like Slugging, Salt, Detergent, Veterinary, Food Supplements & Battery industries
- ◆ Heavy duty machine housing to withstand heavy compression
- ◆ Special anti corrosive Die Plate option available
- ◆ Double Rotary press for increased output

No. of Stations & Tooling	29 / Special Slugger Tooling
Output (Max)** / Tablet Per Hour	139,200
Main Compression Force	12 Tons / 120 kN



HiTON - III AFR

**SINGLE ROTARY
SLUGGING / VETERINARY**

- ◆ Turret for Corrosion Resistance
- ◆ Hard Anodized Gravity Feeder
- ◆ Robust External Worm & Worm Gear System
- ◆ Report Function Enabled

No. of Stations & Tooling	12 Station Special Tooling
Output / Hr	18,000
Main Compression Force	12 Tons / 120 kN

Available Variant: **HiTON - III**

* Actual tablet output and maximum application of compression force will depend upon the material characteristics, the size and shape of punches.

ACCESSORIES

parle
TABLETING



MD

Metal Detector

Sensitivity	Ferrous: $\varnothing$ 0,3mm
	Non Ferrous: $\varnothing$ 0,4 mm
	Stainless Steel: $\varnothing$ 0,5 mm



DD

De-Duster

Tablet Diameter	Min. $\varnothing$ 4 mm, Max. $\varnothing$ 25 mm
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DD+MD

De-Duster & Metal Detector Combo

Output	5,000 to 2,00,000 Tablets/hr
Tablet Diameter	Min. $\varnothing$ 4 mm, Max. $\varnothing$ 25 mm

DC 100 / 200 / 400



Dust Collector

Operating Vacuum	50 - 220 - 360 mbar
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PTS



Powder Transfer System

Capacity	150 to 500 kg
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* Actual tablet output and maximum application of compression force will depend upon the material characteristics, the size and shape of punches.

TABLET TOOLING | Designed to **ImPress** . Built to **ComPress**

1st tooling company in Asia to receive ISO 9001:2008 certification from TÜV SÜD. One of Asia's most advanced manufacturing units.

ELITE TOOL

COATINGS

- ◆ Enhances hardness and wear resistance, reduces friction and punch seizure, boosts corrosion resistance, and adds anti-adhesive properties.



DUST CUP & BELLOWS

- ◆ Prevents dust buildup, stops punch tightening, and protects the product from contamination.



ECO TOOL

STANDARD TOOLING

- ◆ We produce durable punches and dies for high-speed machines, covering EU, TSM, ZP, and custom tooling, tailored for superior performance.



SHAPE TOOLING

- ◆ We offer unique tablet shapes like Cat, Fish, Bullets, Christmas Tree, and Teddy Bear for distinct product designs.



CUSTOMISED ISSUE BASED SOLUTIONS



P-STEP

Introducing P-STEP:

Parle's solution for product , tooling ,and output issues in Tablet compression

P-STEP Offers:

- ◆ Issue-based product solutions
- ◆ Anti-counterfeiting solutions
- ◆ Tooling performance enhancements



Issue-Based Solutions

- ◆ Our expert team ensures the right material, design, and precision for improved tooling and tablet performance. State-of-the-art CNC machines guarantee quality and precision for every dispatch.



Anti-Counterfeiting Solution

- ◆ Our design experts create unique tablet designs, including custom shapes, logos, and break lines, to protect high-value products.



MULTI-TIP TOOLING

P-MATRIX

Introducing the P Matrix series for high-volume, time-sensitive production, offering:

- ◆ Advanced multi-tip designs (replaceable/solid)
- ◆ Custom tooling solutions
- ◆ Reliable quality and fast delivery

P Matrix allows the production of multiple tablets per station, boosting output, reducing costs, and shortening production times. With precision manufacturing, it ensures component accuracy and easy interchangeability.



5P Benefits:



Perfection:

Accuracy in weight, hardness, and installation



Productivity:

Cost-effective for high-volume products with quick ROI



Price:

Improved machine and plant efficiency



Performance:

Energy savings with increased output



Power:

Higher output with reduced rejections

ROTAHEAD

Rotating head tooling for non-round shapes, extending tool life and reducing wear by enabling head replacement without discarding the punch



CUSTOMISED

Tailor-made tooling for single station, Bholus, and larger veterinary tablets to meet specific requirements.



7 GUARDS FOR TOOLING



1 CLEAN

Ultrasonic cleaning system removes contamination, followed by hot air drying and rust preventive oiling for protection



2 INSPECT

Customized tool storage systems for optimal space utilization, available in vertical or horizontal designs, with options for manual or motorized movement.



3 REPAIR

Punch polishing kit for minor maintenance of critical areas such as embossing and punch tips to prolong tool life.



4 MEASURE

Digital inspection kit checks critical parameters like tip size, barrel diameter, and more, meeting global standards (EURO & TSM).



5 POLISH

Automatic tool polish machine improves tool quality, reduces friction, and prevents corrosion for better tablet finish.



6 OIL

Apply food-grade, non-toxic rust preventive oil to extend tool life and resist corrosion



7 STORE

Customized tool storage systems for optimal space utilization, available in vertical or horizontal designs, with options for manual or motorized movement.

Press Rebuild: Complete Engineering Services

Introducing "Passure" - engineering solutions in automation, retrofitting and machine overhauling.

"Passure" – Making Ideas Happen

- ◆ Our expert team, collaborates with yours to understand needs and develop solutions.

"Passure" – Press Part Assurance

- ◆ Material selection ensures improved component life. Backed by CNC manufacturing and a robust Quality Management System, all parts are certified by our Quality Assurance Team.

"Passure" – Universal AWC Software

- ◆ GMP/Non-GMP compliant software designed to meet GAMP-5 and US FDA guidelines, with real-time audit trails and secure user authentication.

SCOPE OF STUDY

- ◆ Machine lifecycle evaluation
- ◆ Component and automation redesign for enhanced performance
- ◆ User-friendly design logic and safety improvements

PROJECT DOCUMENTATION

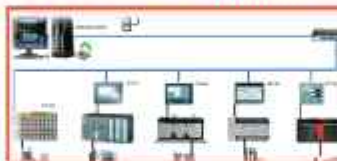
Includes DQ, IQ, OQ, FAT, risk assessment, manuals, and software/hardware specifications.



AUTOMATION



NETWORKING/RETROFITS



TAB CONTROL



CAPCHECK CONTROL



FBD CONTROL



MIX/OTHER CONTROL



IOT



CONSULTING



TABLET PRESS PARTS

PRESS PARTS

- ◆ High-precision press parts crafted on advanced machinery, overseen by compression experts. Enhanced durability through specialized material selection and treatment.
- ◆ Complimentary installation service available.
- ◆ Over 80 spare parts in stock.
- ◆ Compatible with all press types and models:



BLISTER CHANGE PARTS

ELITE PACK

Forming Components



Feeding Components



Sealing Station & Sealing Roller



Embossing, Perforating & Punching Station



- ◆ Packaging defines a product's brand identity. Along with tablet shaping, Parle offers blister change parts to complete the process seamlessly.
- ◆ Our design and development team is fully equipped to bring your ideas to life, ensuring smooth and reliable packaging. We manufacture change parts compatible with both Indian and imported blister packing machines, from entry-level to high-end models.

Blister Change Parts Design and Manufacturing Expertise for:

- ◆ Thermo-forming blisters (PVC/ALU)
- ◆ Cold-forming blisters (ALU/ALU)
- ◆ Change parts for both flat and rotary blister packaging machines
- ◆ Comprehensive technical support



CAPSULE FILLING



XTR 200

**EXCEPTIONAL PRODUCTIVITY
WITH XTRA SAVINGS**

- ◆ Advance High efficiency with Cost Optimization
- ◆ Unique Dosing Disc Design for difficult Formulation

Output	200,000 / Capsules hr (for Powder)
	170,000 /hr (for Pellet)
	70,000 /hr (for Tablet)
Capsule Size	000 to 5

Available Models **XTR 90** **XTR 40** **XTR 25**



PF 200

**HIGHER PRODUCTION
GREATER FLEXIBILITY**

- ◆ Exchangeable Filling Station
- ◆ Interactive user interface

Output	200,000 / hr (for Powder)
	170,000 / hr (for Pellet)
Capsule Size	000 to 5

Available Models **PF 150**



PF 90

**EXECUTE LARGE BATCHES WITH
LESSER CHANGE-OVER TIME**

- ◆ High filling accuracy better yield due to high filling accuracy and less powder wastage

Output	90,000 /hr (for Powder)
	80,000 /hr (for Pellet)
	50,000 /hr (for Tablet)
Capsule Size	000 to 5



PF R&D

**R&D
ENCAPSULATION**

- ◆ Capable of filling powder, tablets, micro-tablets, pellets and liquid under any conditions
- ◆ Inbuilt venturi pump for capsule separation

Output	Up to 3,000 /hr (for Powder)	Up to 1,320 /hr (for Powder)
	Up to 2,400 /hr (for Pellet)	Up to 1,000 /hr (for liquid)
Capsule Size	000 to 5	

* Actual output will depend upon the material characteristics and operating conditions.

CAPSULE FILLING



PF 25 ISO

CAPSULE FILLER WITH ISOLATOR

- ◆ Certified for highly potent and cytotoxic formulations requiring OEB 5 level protection

Output	Up to 25,000 /hr (for Powder)
Capsule Size	00 to 5

Available Models - **PF 40 ISO** | **PF R&D ISO**



SAF DL

SEMI-AUTOMATIC DOUBLE LOADER

- ◆ Complying to cGMP standards
- ◆ Special hopper design is easy for dismantling and cleaning

Output	Up to 30,000 to 40,000 /hr
Capsule Size	000 to 5

Available Models - **SAF SL**



LQX 70

LIQUID FILLING IN CAPSULE

- ◆ Can handle formulation with viscosity of 5 to 10,00 cps
- ◆ Suitable for filling of capsules with liquid, pastes, hot melt and thixotropic solutions
- ◆ Supports filling of oxygen-sensitive formulations



- 1 Liquid in hard capsule
- 2 Pellets in liquid filled capsules
- 3 Pellet-in-capsule in liquid filled capsules
- 4 Capsule in liquid filled capsules
- 5 Tablets+liquid in hard capsule



X PROSEAL 70

CAPSULE BAND SEALING

- ◆ High efficiency band sealing with drying at ambient temperature

Output	70,000 Capsules /hr
Capsule Size	000 to 5

* Actual output will depend upon the material characteristics and operating conditions.

ACCESSORIES



CL 90

Automatic Capsule Loader -
Vertical / Horizontal



DPM 100/200

Capsule Polisher



FCS/MCS 100

Filled Capsule Sorter /
Mini Capsule Sorter



ES 100

Empty Sorter



ADU 100

Dust Collector



MD

Metal Detector



ECSE 100/200

Empty Capsule Sorter Elevator



PTS 200

Product Transfer System

CAPSULE CHECK WEIGHER



parle
ENCAP



CW 120

**CAPSULE CHECK
WEIGHER**

- ◆ Safety guards with hardened polycarbonate doors and interlocks
- ◆ Capsules with weight variations beyond set tolerance range are rejected

Output	120,000 /hr
Hopper Capacity	35 ltr

Available Models **CW 60M**

INSPECTION

TI 15R

**TABLET / CAPSULE
INSPECTION ROLLER**

- ◆ Roller motor speed and Conveyor motor speed are adjustable.
- ◆ Foot paddle to stop the Roller and Conveyor motor.

Belt	Green Silicon Rollers
Conveyor	1.5 to 3.5 m/min (variable speed)



TI 15

TABLET INSPECTION BELT

- ◆ Both conveyor speed and tablet feed are adjustable
- ◆ Vacuum pickup to remove defective products

Belt	Green PVC Endless Belt
Conveyor	1.5 to 3.5 m/min (variable speed)

Available Models **TI 15C**

* Actual output will depend upon the material characteristics and operating conditions.

COUNTING & FILLING LINE



Complete Counting & Filling Line comprising of :

- | | |
|-----------------------------------|---------------------|
| ♦ Unscrambler with Airjet Cleaner | ♦ Capping |
| ♦ Counter | ♦ Induction Sealing |
| ♦ Inspection Module | ♦ Labeling |
| ♦ Desiccant Inserter | ♦ Outserter |
| ♦ Cotton/Rayon Inserter | |

CARTONING



- ♦ Automatic Horizontal Cartonning machine for Bottles, Blisters, Tubes etc.
- ♦ Semi Automatic Vertical Cartonning machine.

PRINTING

TAMPRINT

- ♦ Tablet Printing using Pad Printing Technology
- ♦ Models available for R&D, Pilot & Production scale

IMPRINT

- ♦ Tablet, Capsule & Softgel Printing
- ♦ Models available for R&D, Pilot & Production scale

UNSCRAMBLER & AIRJET CLEANING



US 200

UNSCRAMBLER & AIRJET CLEANING

- ◆ PLC controlled system with touch screen HMI
- ◆ Suitable for HDPE containers (Round and Shape)

Output	120 to 180 BPM (40 - 100 cc bottle) * speed available for 200 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

AJ 60R

ROTARY AIRJET CLEANER

- ◆ Servo controlled container transfer system
- ◆ Touch screen HMI with three level password security

Output	60 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Available Models- **AJ 120R**



AJ 60

VERTICAL AIRJET CLEANER

- ◆ Inbuilt Ionizer and vacuum generation unit
- ◆ Touch screen HMI with three level password security

Output	60 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Available Models **AJ 120**



COUNTER

TABLET | CAPSULE | SOFTGEL



parle
PACLINE



MC 200

HIGH SPEED MULTI CHANNEL COUNTER

- ♦ High speed non-stop counting system with memory flaps
- ♦ Handles Coated & Uncoated Tablets, Hard Gelatin & Soft Gelatin Capsules

Output	200 BPM
Channels	36 (18+18)
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Option | INSPECTION MODULE **IM 36**

MC 120

MULTICHANNEL COUNTER

Output	120 BPM
Channels	24 (12+12)
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Option | INSPECTION MODULE **IM 24**



MC 100

MULTICHANNEL COUNTER

- ♦ Inbuilt Ionizer and vacuum generation unit
- ♦ Touch screen HMI with three level password security

Output	100 BPM
Channels	18 (6+6+6)
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Option | INSPECTION MODULE **IM 18**



* Actual output will depend upon the material characteristics and operating conditions.

COUNTING & FILLING LINE

TABLET | CAPSULE | SOFTGEL

100% ACCURACY



Pacine
POSSIBILITIES • UNLIMITED



UNSCRAMBLER



MULTI CHANNEL
COUNTER



DESICCANT
INSERTER



ENTRY
TURN TABLE



AIRJET
CLEANER



MULTI CHANNEL
COUNTER



DESICCANT
INSERTER



COTTON
INSERTER



* Actual output will depend upon the material characteristics and operating conditions.

Output Capacity: 30 to 200 BPM



**COTTON
INSERTER**



CAPPING



**INDUCTION
SEALING**



LABELLING



CAPPING



**INDUCTION
SEALING**



RE-TORQUER



LABELING



OUTSERTER



**EXIT
TURN TABLE**

MONOBLOCK MB 30

Compact Counting & Filling



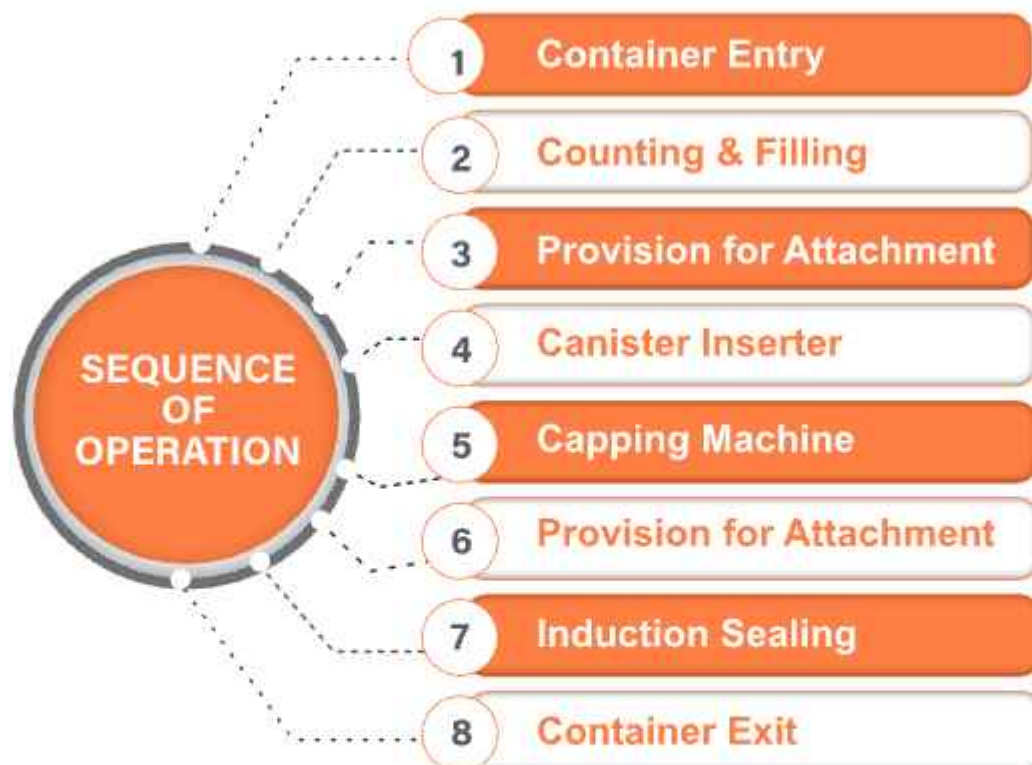
parle
PACLINE



Applications :

Exhibit Batches (with Flexibility to Attached and Detach Machine)

Once & Harmore batches (with Low air Handling Volumes)



* Actual output will depend upon the material characteristics and operating conditions.

COUNTER

TABLET | CAPSULE | SOFTGEL



MC 60

MULTICHANNEL
COUNTER

Output	60 BPM
Channels	12 (6+6)
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Option | INSPECTION MODULE **IM 12**



MC 30 SL

SLEEK MULTICHANNEL
COUNTER

- Easy and toolless changeover from product to product
- Patented two level vibration mode for compactness
- Auto calibrating sensors for 100% count accuracy

Output	30 BPM
Channels	6
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm



MC 30

MULTICHANNEL
COUNTER

Output	30 BPM
Channels	6
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Option | INSPECTION MODULE **IM 6**
Available Models **MC 20 | MC 10 | MC 5**



EC 20A

AIRLESS ELECTRONIC
COUNTER

- Tablet Top Semi Automatic Rotary counter
- PLC Control

Output	20 BPM
Bottle Diameter	30 to 110 mm
Bottle Height	60 to 200 mm

* Actual output will depend upon the material characteristics and operating conditions.



IM 12

INSPECTION MODULE

- ◆ Automatic detection and rejection of defective tablets/capsules
- ◆ Detection and rejection of foreign object (with different physical parameters like color & shape)

Channels	12
Hopper Capacity	27 L

Available Model **IM 36 | IM 24 | IM 18 | IM 6**

VERIFICATION

CV 10

COUNT VERIFICATION

- ◆ Easy to operate with quick change over from product to product
- ◆ Compact module for table top count verification for IPQC

Hopper Capacity	1 ltr (2 to 5 ltr Optional)
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Available Model **CV 5**



DESICCANT INSERTER



SP 200

SILICA POUCH INSERTER

- ◆ Compact design
- ◆ Easy Changeover & Maintenance

Output	150 to 200 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Available Model **SP 120 | 60**

SC 60

SILICA CANISTER INSERTER

- ◆ Pneumatic controlled bottle positioning system
- ◆ Multiple canisters dispensing as per requirement
- ◆ No container, no canister interlocks

Output	50 to 60 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

Available Model **SC 120**



SPC 120

SILICA POUCH & CANISTER INSERTER COMBO

- ◆ Double head machine, can handle Silica Pouch and Canister

Output	100 to 120 BPM
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

* Actual output will depend upon the material characteristics and operating conditions.

COTTON/RAYON INSERTER



CO 90

**COTTON/RAYON
INSERTER**

- ◆ Indexing is controlled by servo system
- ◆ Single or Multiple insertions possible

Output	60 to 90 BPM
Bottle Mouth Diameter	Min. 28 mm
	Max. 65 mm

Available Model **CO 60 | CO 200 DOUBLE HEAD**

CP 200

8 HEAD CAPPING

- ◆ Servo control torque feedback for capping tool while handling Screw, CRS caps
- ◆ Option : Elevating type cap loader

Output	180 to 200 BPM
Cap Types	CRC Screw Press-On
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm
Cap Outer Diameter	30 to 50 mm
Cap Height	10 to 18 mm

Available Model **CP 100 | CP 100S**

CAPPING



CP 60C

**PRESS/SCREW CAP
COMBO CAPPING**

- ◆ Cap feeder arrangement for smooth flow on conveyor till pre tightening station
- ◆ Pre tightening tool arrangements for cap placement over containers

Output	60 BPM
Cap Type	CRC Screw Press-On
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm
Cap Outer Diameter	30 to 50 mm
Cap Height	10 to 18 mm

* Actual output will depend upon the material characteristics and operating conditions.



CP 60P PRESS-ON CAPPING

- Servo control torque feedback for capping tool while handling Screw/CRS caps
- Cap feeder arrangement for smooth flow on conveyor

Output	60 BPM
Cap Type	Press-On
Bottle Diameter	25 to 85 mm
Cap Outer Diameter	30 to 50 mm
Bottle Height	50 to 175 mm
Cap Height	10 to 18 mm

PC 60M PRE-THREADED METAL CAPS CAPPING

- Suitable for HDPE/Glass Bottles with screw threading
- Servo control torque feedback for capping tool for pre threaded metal screw caps

Output	60 BPM
Cap Types	Pre-Threaded Screw Caps - low height
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm



CP 100i INLINE CAPPING

- Pre-Capping by belt
- Final capping with torque measurement & rejection

Output	100 ~ 120 (for 30 cc bottles)
Cap Types	CRC & Screw Caps
Bottle Diameter	25 to 85 mm
Bottle Height	50 to 175 mm

INDUCTION SEALING



IS 60

INDUCTION SEALING

- ♦ High efficiency, air cooled and micro processor controlled
- ♦ Interlocking arrangement to prevent bottle jamming

Output	60 BPM
Cap Diameter	60 to 120 mm

Available Models **IS 120**

LABELING

LB 60

WRAP AROUND LABELING

- ♦ Servo PLC based system

Output	60 BPM
Label Roll Diameter (Max.)	ID 76 mm OD 280 mm
Label Height (Max.)	150 mm

Available Models **LB 120**



OUTSERTER



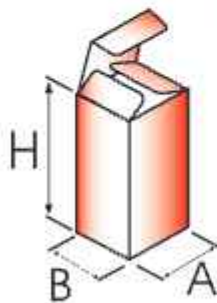
OS 120

OUTSERTER

- ♦ Hot melt Glue dropping, Booklet pickup placement on cap
- ♦ Container flow and the booklet placement is synchronized using special drive device

Output	120 BPM
Booklet Size	Width: 25 to 50 mm
	Length: 25 to 50 mm
Booklet Thickness	3 to 15 mm

* Actual output will depend upon the material characteristics and operating conditions.



PACKART90

AUTOMATIC HORIZONTAL CARTONING

- ♦ Ergonomically designed
- ♦ Suitable for large batch sizes
- ♦ Safety devices are in place to prevent any machine damages

Output	80 to 90 CPM
Carton Size (mm)	Minimum (A) 25 x (B) 12 x (H) 55
	Maximum (A) 85 x (B) 70 x (H) 200

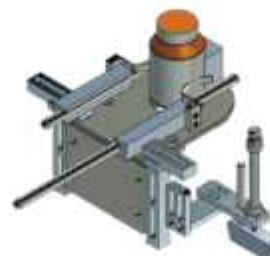


PACKART60

SEMI AUTOMATIC VERTICAL CARTONING

- ♦ Ergonomic design for easy access
- ♦ User friendly & Flexible

Output	40 to 55 CPM
Carton Size (mm)	Minimum (A) 20 x (B) 15 x (H) 60
	Maximum (A) 82 x (B) 82 x (H) 205



Available Model **PACKART60A**

PRINTING

PAD PRINTING TECHNOLOGY



TAMP[®]PRINT



TAMP[®]PRINT 300 Neo

HIGH SPEED
TABLET PRINTING

- ◆ Universal Brush Box System for Tablet Feeding
- ◆ All types of Coated Tablets can be printed
- ◆ Special design comprising of trolley based hopper and dust collector for tablet feeding
- ◆ Robotic arm for single tablets rejection

Output

300,000 Tab/hr



TAMP[®]PRINT 300

HIGH SPEED
TABLET PRINTING

- ◆ Universal Brush Box System for Tablet Feeding
- ◆ All types of Coated Tablets can be printed

Output

300,000 Tab/hr



TAMP[®]PRINT 60

MEDIUM SPEED
TABLET PRINTING

- ◆ Enclosed Ink Cup System for Clean Working Environment
- ◆ Vacuum held arrangement for individual product during printing

Output

60,000 Tab/hr



TAMP[®]PRINT 20

R & D
TABLET PRINTING

- ◆ Enclosed Ink Cup System for Clean Working Environment
- ◆ Vacuum held arrangement for individual product during printing

Output

20,000 Tab/hr

* Actual output will depend upon the material characteristics and operating conditions.

PRINTING

ROLLER PRINTING

TABLET | CAPSULE | SOFTGEL



IMPRINT



IMPRINT 32

- ♦ Automatic printing machine for Tablet, Capsule and Softgels

Output	Capsules & Softgels : 75,000 /hr
	Tablets: 85,000 / hr (Ø11 mm)



IMPRINT 25

- ♦ Minimum change parts, equipped with Feed Discs and Gravure Rollers
- ♦ Integral variable speed controls

Output	Capsules & Softgels : 55,000 /hr
	Tablets: 65,000 / hr (Ø11 mm)



* Actual output will depend upon the material characteristics and operating conditions.

WET GRANULATION



WET GRANULATION PROCESS



VIBRO SIFTER

Capacity 300 to 1,500 mm
Single/Double/Triple Deck



FLUID BED DRYER

Capacity 5 to 250 kg



AUTO COATER

Capacity 1 to 300 kg

RAPID MIXER GRANULATOR

Capacity 5 to 1,200 ltr



PASTE PREPARATION VESSEL

Capacity 20 to 250 ltr



* Actual output will depend upon the material characteristics and operating conditions.

WET GRANULATION



MULTI MILL

Screen Size 0.5 to 25 mm



OCTAGONAL BLENDER

Capacity 5 to 6,000 ltr



'V' BLENDER

Capacity 5 to 6,000 ltr

DOUBLE CONE BLENDER

Capacity 5 to 6,000 ltr



CO-MILL

Power 1 to 7.5 HP



CONTA/BIN BLENDER

Capacity 150 to 1,500 ltr



* Actual output will depend upon the material characteristics and operating conditions.

TUBE FILLING & SEALING

COMBO ALUMINIUM / PLASTIC TUBE



parle
PACLINE

TUBE FILL



PK 120 COMBO LINEAR

- ◆ All pneumatic controls are easily accessible without stopping the machine

Output	120 TPM *
Fill Volume	3 to 250 g
Tube Diameter	12 to 35 mm (Aluminum)
	10 to 50 mm (Plastic)
Working	Fully Automatic

PK 60 COMBO LINEAR

- ◆ The design of the machine is ergonomic and easy to handle and maintain for operators.

Output	60 TPM *
Fill Volume	3 to 250 g
Tube Diameter	12 to 35 mm (Aluminum)
	10 to 50 mm (Plastic)
Working	Fully Automatic



PK 75 COMBO LINEAR

- ◆ Cost Effective Filler
- ◆ Ergonomic Design
- ◆ Easy to maintain

Output	75 Tubes / min
Fill Volume	3 gms to 250 gms
Tube Diameter	12 mm to 50 mm (Plastic)
	12 mm to 35 mm (Aluminum)
Working	Fully Automatic

Available Variant **PK 30 COMBO**



* Actual output will depend upon the material characteristics and operating conditions.

TUBE FILLING & SEALING

ALUMINIUM TUBE



parle
PACLINE

TUBEFiLL



PK 60 AL-A

- ◆ Easy to handle and maintain
- ◆ Fully PLC controlled
- ◆ Excellent filling accuracy

Output	60 TPM *
Fill Volume	3 to 250 g
Tube Diameter	12 to 35 mm
Working	Fully Automatic

PK 30 AL-A

- ◆ Ergonomic design to easy access
- ◆ High accuracy filling

Output	45 TPM *
Fill Volume	3 to 250 g
Tube Diameter	12 to 35 mm



PK 30 AL-SH

- ◆ Compact design
- ◆ Easy access production area
- ◆ Low maintenance design

Output	35 TPM *
Fill Volume	3 to 250 g
Tube Diameter	12 to 35mm
Working	Semi Automatic

Available Variant **PK 30 AL-DH**



* Actual output will depend upon the material characteristics and operating conditions.

TUBE FILLING & SEALING PLASTIC TUBE

TUBE FILL



PK 60 PL-A

- ◆ Easy to handle and maintain
- ◆ Fully PLC controlled
- ◆ Excellent filling accuracy

Output	60 TPM *
Fill Volume	3 to 250 g
Tube Diameter	10 to 50 mm
Working	Fully Automatic

PK 30 PL-A

- ◆ Ergonomic design to easy access
- ◆ High accuracy filling

Output	45 TPM *
Fill Volume	3 to 250 g
Tube Diameter	10 to 50 mm
Working	Fully Automatic



SPOUTED POUCH FILLING & CAPPING



PK 20 SPF

SPOUTED POUCH
LIQUID | CREAM | PASTE | SAUCE FILLING

- ◆ Individual variable speed
- ◆ Volumetric filling system provided.
- ◆ Cap Pressing & placing automatic

Output	12 - 30 Pouches /min	(Depends on Product and viscosity)
Fill Volume	10 g to 1 kg	
Working	Fully Automatic	

Available Variant **PK 40 SPF**

FILLING | CAPPING | SEALING

CONTAINER | JAR | BOTTLE



PK 20 PF-DH

BENCHTOP PISTON FILLING

- ◆ Product hopper with cover (SS316L)
- ◆ Tool free strip down for easy cleaning

Output	20 CPM
Fill Volume	10 to 500 g
Compressed Air	2-CFM @ 90-psi
Working	Semi Automatic

PK CFM

CONTAINER | JAR FILLING

- ◆ The empty containers are carried by the belt conveyor up to the filling station

Output	30 to 180 CPM
Fill Volume	3 to 250 g
Working	Fully Automatic



PK 20 TS PL

PLASTIC TUBE SEALING & CODING

- ◆ Supreme sealing quality
- ◆ Suitable for small production and R&D purpose

Output /Min.	8 to 10 TPM
Batch Coding	One side batch coding (9 digit)
Tube Diameter	12 to 50 mm
Working	Semi Automatic

* Actual output will depend upon the material characteristics and operating conditions.

FILLING | CAPPING INSPECTION | LABELLING

Output Capacity: 30 to 200 BPM



TURNTABLE ➔ **WATER JET CLEANING** ➔ **INSPECTION** ➔ **MONOBLOCK FILLING & CAPPING**



CAP ELEVATOR & VIBRATOR BOWL ➔ **BLACK & WHITE INSPECTION BOOTH** ➔ **MEASURING CUP PLACEMENT** ➔ **LABELLING**

FILLING LINE

- ♦ LINEAR
- ♦ MONOBLOCK

FILLERS

- ♦ VOLUMETRIC SUCTION
- ♦ HOPPER PISTON
- ♦ GRAVITY
- ♦ FLOW METER

CAPPERS

- ♦ SINGLE HEAD / MULTI HEAD
- ♦ LINEAR / ROTARY
- ♦ SCREW CAP
- ♦ CRC
- ♦ ROPP
- ♦ PRESS FIT

* Actual output will depend upon the material characteristics and operating conditions.

OINTMENT MANUFACTURING PLANT

FULL PROCESSING PLANT



Key Features

- Total process plant including premix, active phase mixing and ointment manufacturing technology
- Load cell for precise weighing
- Completely automated process with vacuum product transfer

Capacity 50 kg to 3000 kg

Necessary auxiliary equipment also available

FULL PROCESSING PLANT

LIQUID MANUFACTURING PLANT



Capacity 50 L to 3000 L

Necessary auxiliary equipment also available

Key Features

- Total process plant including premix, active phase mixing and liquid manufacturing technology
- Load cell for precise weighing
- Completely automated process with vacuum product transfer

* Actual output will depend upon the material characteristics and operating conditions.



GRANULATION & COATING TECHNOLOGY

R&D | PILOT | PRODUCTION

Freund Corporation, Japan started its operations in 1964 when it noticed an emerging film coating Technology requirement and successfully developed the world's 1st automatic film coating equipment & film coating solution. Since then, Freund Corporation advocated the corporate principle 'Develop the future by creativity' and expanded business mainly in pharmaceutical and food industries with Coating and Granulation technologies as Core competencies. Freund group in order to accelerate their global footprint have formed subsidiaries in USA, Europe & now in India, and continue a steady progress to become a leading manufacturer of drug manufacturing equipment and chemical products in a global market.

MULTI FUNCTIONAL FLUID BED PROCESSOR



VFC-300M FLO-COATER*

- ◆ Product Containers For Granulation and Drying
- ◆ Wurster Inserts For Bottom Spray Coating
- ◆ GRANUREX® Inserts For Spherical Coating and Layering
- ◆ GRANUREX® Inserts For Spherical Coating and Layering

Capacity	3 kg to 950 kg
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R&D MULTI FUNCTIONAL FLUID BED PROCESSOR



VFC-LAB MICRO FLO-COATER* BENCH TOP

One System – Three Processes

- ◆ Top Spray – Wet Granulation
- ◆ Bottom Spray – Wurster Coating
- ◆ Drying

Capacity	20 g to 600 g
----------	---------------



VFC-LAB MINI FLO-COATER* BENCH TOP

One System – Three Processes

- ◆ Top Spray – Wet Granulation
- ◆ Bottom Spray – Wurster Coating
- ◆ Drying

Capacity	20 g to 600 g
----------	---------------



VFC-LAB 1 FLO-COATER* MULTI-PURPOSE

One System – Four Processes

- ◆ Top Spray – Wet Granulation Processes
- ◆ Bottom Spray – Wurster Coating Processes
- ◆ Patented Wurster Accelerator
- ◆ GRANUREX® Technology (Patented)
- ◆ Drying Processes

Capacity	14.0 ltr (Top spray); 20.0 ltr (Drier); 22 ltr (Wurster); 10 ltr (Granurex)
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VFC-LAB 3 XL FLO-COATER* MULTI-PURPOSE

One System – Four Processes

- ◆ Top Spray – Wet Granulation Processes
- ◆ Bottom Spray – Wurster Coating Processes
- ◆ Patented Wurster Accelerator
- ◆ GRANUREX® Technology (Patented)
- ◆ Drying Processes

Capacity	14.0 ltr (Top spray); 20.0 ltr (Drier); 22 ltr (Wurster); 10 ltr (Granurex)
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ROLLER COMPACTOR



TFC-LAB0 BENCH TOP ROLL COMPACTION

- ◆ Maximum Process Flexibility
- ◆ Quick Changeover Design

Capacity	5 g to 1 kg/hr
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TFC-1230 TFC PRODUCTION ROLL COMPACTION

- ◆ Constant Compaction Force within Roll Gap
- ◆ Roll and Screw Design Scalable From
- ◆ Developmental and Pilot TFC Models

Capacity	100 to 400 kg/hr
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* Actual output will depend upon the material characteristics and operating conditions.



COATING

R&D | PILOT | PRODUCTION



VHC-Multi HI-COATER®

**MULTI-CAPACITY
PRODUCTION COATING
SYSTEMS**

- ◆ Flexible Processing Capabilities
- ◆ Anti-Marking Coating Pans

Interchangeable Fully Perforated Pans (ltr)

VHC-48M	4 Pans	115 through 340
VHC-60M	5 Pans	240 through 820
VHC-66M	4 Pans	340 through 1070

LDCS HI-COATER®

**LABORATORY
DEVELOPMENT
COATING SYSTEM**

- ◆ Portable, Self-Contained System
- ◆ Atomization and Spray Pattern Control For Consistent Coating Processes

Pan Diameters	0.5 L: 200 mm	1.5 L: 290 mm
	2.5 L: 330 mm	4.0 L: 370 mm
	6.0 L: 405 mm	8.0 L: 450 mm





AUTOMATIC VISUAL INSPECTION SYSTEM

TABLET | CAPSULE

Daiichi Jitsugyo Viswill Co., Ltd. from Japan is pioneer in Vision Inspection technology. Viswill machines uses inbuilt 4-Laser 3D inspection systems for the physical defects and 4 colour cameras for all the cosmetic defects in the machine.

TVIS-NS-VA2

DOUBLE TRACK TABLET
VISUAL INSPECTION

- ◆ High capability with simple flow control system
- ◆ User Friendly and Easy Operation
- ◆ Easy Assembly and Cleaning

Inspection Accuracy $50\mu\text{m} + 3\text{D}$

Processing Capacity 720,000 Tablets/H $\phi 6\text{mm}$

TVIS-NSR

SINGLE TRACK TABLET
VISUAL INSPECTION

- ◆ Stable high accuracy
- ◆ 100% detection of critical defects all surface can be inspected
- ◆ Minimum changeover time

Inspection Accuracy $50\mu\text{m} + 3\text{D}$

Processing Capacity 300,000 Tablets/H $\phi 5\text{mm}$

TABLET DEFECTS

B

Cracked Scratches Wrong Colour Coloured Dirt Metal Strip Different tablet type



PARLE GLOBAL, INDIA & VISWILL, JAPAN INTRODUCES

I C F C

INSPECT+COUNT+FILL+CLOSE



TVIS-NS

Tablet Visual
Inspection System

- ◆ 360° Inspection
- ◆ 300,000 tab/hr Processing Capacity
- ◆ Inspection accuracy 50 µm
- ◆ 3D Inspection system
- ◆ Easy Assembly & Cleaning
- ◆ Highly precise color camera

MC 60

Multi Channel
Counter

- ◆ High speed non-stop counting system with memory flaps.
- ◆ User friendly touchscreen controls.
- ◆ Adjustable vibrator speed for tablet flow by touchscreen.
- ◆ Recipe setting through password functions.

* Actual output will depend upon the material characteristics and operating conditions.

SOFTGEL ENCAPSULATION

R&D | PILOT | PRODUCTION



CUBE from South Korea, a leading global manufacturer for packaging technologies in pharmaceutical and food industry, is continuing its sustainable growth for the future based on the deep human respect and high technology. Their main focus is to manufacture world class machines for Softgel Encapsulation of varied forms.



PC-T150

SOFTGEL
ENCAPSULATION

Animal Capsule

Output:	103,440 cap/hr
Speed:	4.5 RPM
Cavities:	384

F150G

SERVO TYPE
ENCAPSULATION

	Gelatin	Vegetable Material
Die-Roll	Oval #10	Oval #10
Cavity	510	336
Output per/hr	183,600	40,320
Die-Roll	Oblong #20	Oblong #20
Cavity	297	189
Output per/hr	106,920	22,680



S1

SEAMLESS
CAPSULE MACHINE

Output	126,000 cap/hr for size 3 mm
	25,200 cap/hr for size 9 mm
Shape / Size	Round / 1 to 12 mm



* Actual output will depend upon the material characteristics and operating conditions.

NON DESTRUCTIVE LEAK TESTING | BLISTER PACKING | DEBLISTERING

SEPHA has established a global reputation for innovation and development of specialised, high quality equipment for use in the manufacture of pharmaceutical blister packs, medical device and healthcare products.

BLISTER PACKING

COMPACT BLISTER PACKING SOLUTIONS



EZ-Blister P



LEAK TESTING



VisionScan-3D



Multi-Q



**PakScan
Semi Automatic**



**MediScan
Semi Automatic**

DEBLISTERING



**PressOut
Semi Automatic**



**PressOut
Automatic**



**PressOut Universal -
Automatic
50 blister/min**



**PressOut Universal Mini
Automatic
60 blister/min**

* Actual output will depend upon the material characteristics and operating conditions.

SACHET PACKING

POWDER | GRANULES | LIQUID | TABLET | CAPSULE

Young Tech Pack, South Korea, is a pioneer in innovative packaging machines for 40+ years. They specialize in sachet packing machines. Young Tech Pack equipment are characterized by versatility, performance and user friendliness.

YST-PD-3S

Auto Stick Type Packing Machine



YPD - 4S

Auto Powder Packing Machine



4 SIDE SEAL PACK



YST-LQ-3S

Liquid Stick 3-sided Automatic Packaging Machine
(Continuous Motion & Servo Type)



Technical Specifications:

1	Type of Pouch Design	3 Side Seal	4 Side Seal	Stick Pack
2	Products Handled	Powder / Granules / Liquid / Tablet / Capsule	Powder / Granules / Liquid / Tablet / Capsule	Powder / Granules / Tablet / Capsule
3	Filling System	Powder - Servo controlled Auger filling Granules - Volumetric Cup dosing Tablet / Capsule - Channel feeding	Powder - Servo controlled Auger filling Granules - Volumetric Cup dosing Tablet / Capsule - Channel feeding	Powder - Servo controlled Auger filling Granules - Volumetric Cup dosing Tablet / Capsule - Channel feeding
4	Type of Motion	Intermittent / Continuous	Intermittent / Continuous	Intermittent / Continuous
5	Fill Volume	Min 0.3 g Max 100 g	Min 0.3 g Max 100 g	Min 0.3 g Max 100 g
6	No. of Lanes	Min 1 / 2 Lanes (for Liquid application only) Min 4 Lanes (for other applications) Max 12 Lanes	Min 1 / 2 Lanes (for Liquid application only) Min 2 Lanes (for other applications) Max 10 Lanes	Min 4 Lanes Max 15 Lanes
7	Output *	For Intermittent - 35 to 45 PPM / lane For Continuous - 55 to 65 PPM / lane		
8	Max Roll Width	1100 mm		
9	Notch / Perforation Embossing	Can be provided post evaluation of sample		
10	Fill Accuracy *	1% ± 3%		
11	Dust Collector	Can be provided		
12	Product Transfer System	Can be provided		
13	Ink Jet Printer / TTO Mounting	Can be provided		

* Depends on product characteristics like Bulk Density, Flow, Product mix etc., Sachet size, Foil type & properties

* Actual output will depend upon the material characteristics and operating conditions.



AMPOULE | VIAL | SYRINGE INSPECTION

Hitachi Industry & Control Solutions, Ltd. from Japan is providing world class Ampoule, Vial & Syringe Inspection systems pertaining to international pharmaceutical regulations.



Vial



HR 3000-S

HIGH SPEED INSPECTION
PRE-FILLED SYRINGE

A Combination of Transmission
and reflection Systems

Output Max	300 syringes/min
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HR 1000

HIGH SPEED INSPECTION
PRE-FILLED SYRINGE

Sufficient space to load various inspection
stations by adopting a large-sized rotor

Output Max	600 pcs/min
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HR 800

HIGH SPEED INSPECTION
PRE-FILLED SYRINGE

Stable production for a long time period
through stable conveyance technology

Output Max	300 pcs/min
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Parle @t Your Service is a unique initiative for your complete Maintenance, Service & Spare requirements.

Why **PARLE** Annual Maintenance Contract's?

- ♦ We give special attention to your service needs which ensures lesser unscheduled downtime
- ♦ We ensure preventive maintenance is carried out regularly which prevents unforeseen breakdowns.
- ♦ We offer 24x7 online support to help solve issues which can pop up at any moment



**Complete Care
of your Equipment**



**Hassle free Service
by Trained Engineers**



Maintenance Support



**Round the clock
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Cost Effectiveness



Service Record Archiving

GLOBAL PRESENCE



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Belgium
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Combodia
Congo

Costa Rica
Denmark
Ecuador
Egypt
El Salvador
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Ghana
Greece
Guatemala
Honduras
Hongkong
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REGIONAL CONNECTS

- ◆ AHMEDABAD
- ◆ BANGALURU
- ◆ CHANDIGARH

- ◆ CHENNAI
- ◆ GOA
- ◆ HYDERABAD

- ◆ INDORE
- ◆ NEW DELHI
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- ◆ VISHAKAPATNAM

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PHARMA

