



Serving
Healthcare



One Roof Solution For Healthcare



www.parleglobal.com



Thank you for this Opportunity

Warm Greetings from all of us on behalf of Parle Group

Established in 1974, Parle has continued to grow organically year after year with effective utilization of available resources and forging strategic alliance with well known international Pharma-Engineering companies around the world. .

Chairman: Mr. Rajmal Mehta C.E.O: Mr. Mahendra Mehta

Head Office

Mumbai, India

Mfg Plants

Packaging & Tube Filling Machinery Div. - Vasai
Tablet Tooling Division - Vasai
Granulation Division - Vasai
Capsule Filling Division - Vasai
Packaging Machinery Div. - Ahmedabad
Tablet Tooling Division - Ahmedabad
Tablet Press Division - Ahmedabad

Global Presence

70+ Countries

Branch Offices

Ahmedabad, Goa, Chandigarh, Delhi, Sikkim,
Chennai, Hyderabad, Bangalore,
Mumbai

No. Of Employees

1000+



Business Representations



Granulation Solution

Tablet Compression

Tooling (Punches & Dies)

Tool Care

Press Spare Parts

Press Rebuilds

Blister Change Parts

Capsule Filling & Check Weigher

Printing Solutions – Tablet & Capsules

Inspection Systems

Counting & Filling – Bulk Packing

Capping Solution

Tube Filling & Sealing

Cartoning Solution



One Roof Solution For Healthcare

Parle Global Technologies Pvt. Ltd., has been serving the pharmaceutical industry for more than four decades, providing machinery, tools & engineering services. Parle products have their presence in over 69 countries globally supported by sales team and agents, in India through 9 branch offices equipped with sales and service personnel. With 5 State-of-the-Art manufacturing facilities spread over at Mumbai (02) & Ahmedabad (03) and strategic joint Ventures, Parle continues to grow through their quality product & learning approach. Parle Global Technologies Pvt. Ltd also manufactures bulk packing line, tablet and capsules over printing machines, capsule check weigher.



Parle Freund Machinery Pvt. Ltd., An Indo Japanese Joint Venture

Freund Corporation, the Japanese pharma machinery major & Parle Global Technologies Pvt. Ltd., India came together in 2018, to form Parle Freund Machinery Pvt. Ltd., for manufacturing Roll compactor- An assured Dry Granulation system. Other high end granulation system & coating technology is also sold & serviced through this division.



Parle Elizabeth Tools Pvt. Ltd., An Indo American Joint Venture.

Elizabeth Carbide Die co., US & Parle Global Technologies Pvt. Ltd. joined hands in 2008. This joint venture has grown over the years in terms of Tooling, Tool Care, Press automation and Blister change parts. The joint venture also produces tablet presses with brands like Eliza Press, Eco Press and Hata (manufactured under license)



Pacifab Technologies LLP, An Indian Joint Venture

An initiative toward being a one roof solution has led to Parle Global Technologies Pvt. Ltd. investing in Pacifab Tech LLP a growing company manufacturing capsule filling & ancillary machines. This investment in 2018 with customer confidence in the Parle brand has led to growth in this segment.



Parle Kovai Machinery Pvt. Ltd., An Indian Joint Venture

2013, saw Parle Global Technologies Pvt. Ltd. joining hand with Kovai machinery to form Parle Kovai Machinery Pvt. Ltd. this business forum manufactures Tube, jar & container filling & sealing, pouch filling and sealing. The division caters to Pharma, cosmetic & Food segment.



Parle Leepack Machinery Pvt. Ltd., An Indo Korean Joint Venture.

Leepack Korea., & Parle Global Technologies Pvt. Ltd. joined hands in 2014 to form Parle Leepack Machinery Pvt. Ltd for manufacturing weighing & filling and Sealing solutions for F&B and Pharma Industry. The company also provide the high end pouch filling and sealing machines.

1974

Initiated Tooling manufacturing, as Parle Industrial Products, by Shri Rajmal Mehta, the Founder & Chairman of the Company

1983

Formation of PARLE TABLET TOOLS (PTT), 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

2007



Merger into a single company
"Parle Global Technologies Pvt. Ltd."

Inauguration of Asia's Largest Tooling manufacturing facility at Vasai, Mumbai

2008



JV with Elizabeth Carbide Co. Inc., USA
"Parle Elizabeth Tools Pvt. Ltd."

Recognized as 'Export House' by DGFT, Ministry of Commerce, Government of India

2009

Inauguration of new Pharma Packaging Machinery manufacturing facility at Vasai, Mumbai

“A WALK THROUGH MILESTONES”

2010

Initiated Tablet Press manufacturing at Ahmedabad with Elizabeth-Hata, U.S.A

2013



JV with Kovai Machineries to form
"Parle Kovai Machinery Pvt. Ltd."
for tube, container & jar filling & sealing machines

2014



JV with Leepack Co. Ltd., South 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

Technological collaboration with HATA Iron Works, Japan for manufacturing HATA Tablet Press machine in India

2017

Inauguration of the state-of-the-art Pharma Packaging Machinery manufacturing facility at Sanand, Ahmedabad

2018



JV with Freund Corporation, Japan to form
"Parle Freund Machinery Pvt. Ltd."

JV with Pacifab Technologies LLC. for Capsule Filling Solutions

Received India Pharma Awards, Excellence in Pharma Machinery for Monoblock Counting & Packing Line



Parle Global Technologies Pvt. Ltd.
Packaging Division, Mumbai
Printing, Inspection, Counting & Bulk Packaging,
R&D Division

Parle Kovai Machinery Pvt. Ltd.
Tube Filling & Sealing Division, Mumbai

Parle Freund Machinery Pvt. Ltd.
Dry Granulation, Mumbai

Pacifab Technologies LLC
Capsule Filling, Mumbai



Parle Global Technologies Pvt. Ltd.
Packaging Division, Ahmedabad
Printing, Inspection, Counting & Bulk Packaging



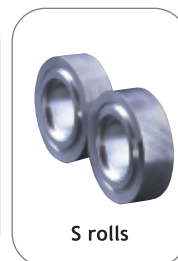
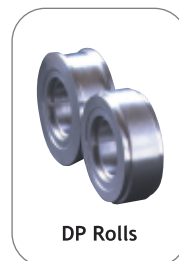
Parle Elizabeth Tools Pvt. Ltd.
Tablet Tooling Division, Ahmedabad
Tooling & Press Parts



Parle Elizabeth Tools Pvt. Ltd.
Tablet Press Division, Ahmedabad
Eliza Press, Eco Pres & HATA



Parle Elizabeth Tools Pvt. Ltd.
Tablet Tooling Division, Mumbai
Tooling, Toolcare, Press Parts, Press Rebuilds,
Blister Change Parts

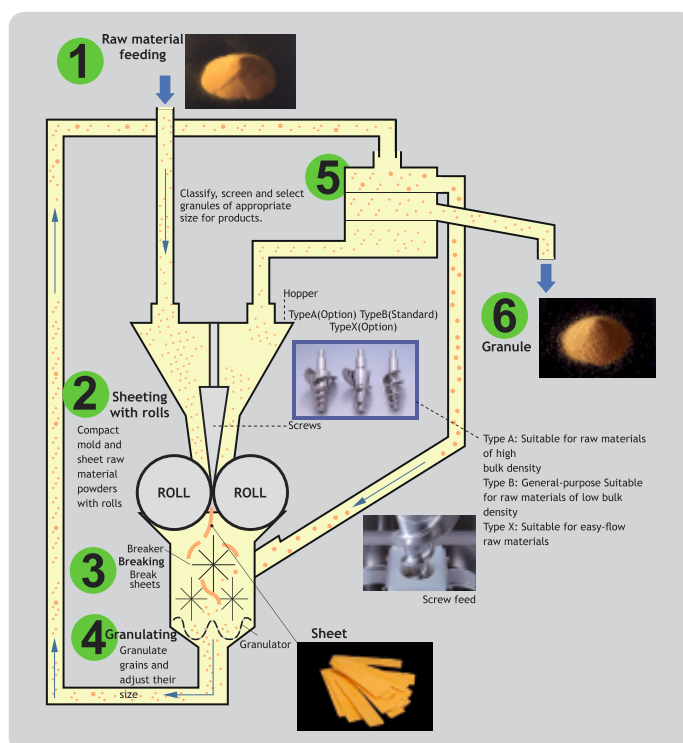


TF-208P
Roll Compactor
Dry Granulation Machine



- Capacity: 200kg/hr(Capacity differs depending on the characteristic of material)
- Hopper Volume: 30Liters
- Max Roll Force: 21Tons
- Approx Dimension: 850mm(L) x 1300mm(W) x 2200mm(H)

- » **Maximum Processing Flexibility**
Wide Production Capacity : 200kg/hr
- » **Dual Roller Mounting Blocks System**
Uniform Roll Forces and Compaction
Stainless steel Roller Mounting blocks
- » **Horizontally-arranged Rolls with Vertical Screw Feed System**
Gravity Powder Feed assists natural feed for uniform Compaction
- » **Unique Compaction Seal Design**
Contained Compaction Zone for Reducing the Amount of Fines
- » **De-aeration Hopper and Screw (Option)**
Vertical Hopper and Screw De-Aerates product prior to Compaction
- » **Color Touchscreen Control System**
Manual and Auto Mode
Roll and Screw Amp
Roll and Screw Rotation control
Data acquisition through USB port
- » **Portable Self-Contained System**
Built-in control panel



Business Representations



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.

Granurex Systems



GX-20
0.5 to 1kg/Batch



VFC-300M
3 to 950kg/Batch



TFC-LABO
5g to 1kg/hr



TFC-1230
100kg to 300kg/hr

R&D Multi Functional Fluid Bed Processors



VFC-LAB Micro
20g to 600g Batch



VFC-LAB Mini
0.8l to 2.5l Bowl



VFC-LAB 1
4.0l Bowl (Top Spray)



VFC-LAB 3
8.0l Bowl (Top Spray)

Coating System



Laboratory Development Coating System (LDCS)



Hi Coater Original



Press Division:- State-of- the-Art manufacturing facility manufacturing following brands.

Eco Press

The press machines are available from R&D to Pilot to Production batch requirement which are economical & equipped with AFR (Auto Force Rejection) option.

Eliza-Press

Range from R&D, Small, Medium to High output machines. The models are fully automatic with AWC (Auto Weight Control) options available along with Standard versions.



Parle Elizabeth, manufactures Hata Tablet Presses in India under the Technical license from Hata Iron Works, Japan.

ACCESSORIES

A complete range from Metal Detector, De-Duster, Dust-Collector, Tablet Testing, Powder transfer system, Trolley, Turret Lifter, Table for Turret “MUPS System.”

Tooling Division:- It is the first company in Asia to get ISO 9001: 2008 certification from TÜV SÜD, South Asia manufacturing following brands.

ECO TOOL

Standard tooling made from A1S1 O1 material for punches and A1S1 D3 material dies, with Hand Chrome plating is offered.

Eliza-Tool

Premium tooling material like A1S1 S7, A1S1 D2 & SUS 440C for punches and A1S1 D3, SUS 440c for dies is manufactured. Chromium, Nitride coatings as per product can be offered on these steels for punches.

P-STEP

Special application alloy steels like Pmat™ 122, Pmat™ 32, Pmat™ 80, Pmat™ 51, Pmat™ 170 along with the concept of understanding customer need and providing solution to ensure satisfactory results is achieved.

P Matrix

Outputs are sometimes main concern of customers. We cater customer needs through product nature and size based solutions using multi tips in fixed design, replaceable tip design and other workable solutions.

CUSTOMISED TOOLING

We design and manufacture special tooling like “Rota Head”, “Rota-tips”, Polo type and other Customized tooling.

Tool-Care

The complete range of Tool maintenance equipments for checking, maintaining, polishing, cleaning, handling & storing of tools to maintain the health & increase the efficiency.



This division provides complete engineering services in Automation, Retrofitting of Table Presses and Special upgradation projects for any existing processing & packaging machine.

TABLET PRESS PARTS

This division provides High Quality Tablet Press Parts for all major Tablet compression machines available in India & Global market.

Eliza-Pack

The JV has also forayed into the manufacturing of Change Parts for Blister Packing Machines since 2011.

Eco II - R&D Single Layer Tablet Press



Standard

○ Number of Stations	8	10	12
○ Tooling IPT/EURO	D	B	BB
○ Tablet Output (Tab/Hr) (Max.)	14,400	18,000	21,600
○ Compression Force (Max.)	Pre 2Tons/20kN Main 5Tons/50kN		



Eco III - Pilot Scale Single Layer Tablet Press



Standard

○ Number of Stations	20	27
○ Tooling IPT/EURO	D	B
○ Tablet Output (Tab/Hr) (Max.)	60,000	81,000
○ Compression Force (Max.)	10Tons/100kN	6.5Tons/65kN



Auto Force Rejection



**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us

Eco III SL - Pilot Scale Single Layer Tablet Press



AFR

Auto Force Rejection



Standard

○ Number of Stations	12
○ Tooling	Special Tooling
○ Tablet Output (Tab/Hr) (Max.)	18,000
○ Compression Force (Max.)	12Tons/120kN



Eco IV - Medium Scale Single & Bi-Layer Tablet Press



Standard



AFR

Auto Force Rejection

○ Number of Stations	27	35	45
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	155,520	201,600	259,200
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	48,600	63,000	81,000
○ Compression Force (Max.)	10Tons /100kN	6Tons/60kN	



**Output mentioned are subjective to tool size and granules

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Eco V - High Production Single & Bi-Layer Tablet Press

AFR



Auto Force Rejection



Standard

○ Number of Stations	37	45	55
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	266,400	324,000	396,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	66,600	81,000	99,000
○ Compression Force (Max.)	10Tons/100kN	6Tons/60kN	6Tons/60kN



Eco VII - High Production Single & Bi-Layer Tablet Press



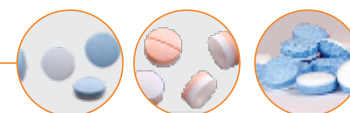
Standard

○ Number of Stations	51	61	75
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	367,200	439,200	540,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	91,000	109,800	135,000
○ Compression Force (Max.)	Pre 3Tons/30kN Main 10Tons/100kN		

AFR



Auto Force Rejection



**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us

EP-200 - R&D Single Layer Tablet Press

AWC



Automatic Weight Control



Force Measurement



Standard

○ Number of Stations	8/12	8	12	5+5/7+7
○ Tooling IPT/EURO	D	B	BB	D+B
○ Tablet Output (Tab/Hr) (Max.)	14,400	18,000	21,600	9,000/ 12,000
○ Pre Compression Force (Max.)	Continuous Load 5Tons/50kN			
○ Main Compression Force (Max.)	Continuous Load 5Tons/50kN			



EP-200 L - R&D Bi-Layer Tablet Press



Standard



Force Measurement

○ Number of Stations	9	11	13	5+5
○ Tooling IPT/EURO	D	B	BB	D+B
○ Tablet Output (Tab/Hr) (Max.)	16,200	19,800	23,400	9,000
○ 1st Layer Comp. Force (Max.)	Continuous Load 3Tons/30kN			
○ Final Layer Comp. Force (Max.)	Continuous Load 5Tons/50kN			

AWC



Automatic Weight Control



**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us

EP-400 - Medium Scale Single & Bi-Layer Tablet Press



○ Number of Stations	29	37	45
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	174,000	222,000	270,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	52,200	66,600	81,000
○ Pre Compression Force (Max.)	Continuous Load 3Tons/30kN		
○ Main Compression Force (Max.)	10Tons/100kN	6.5Tons/65kN	



EP-500 - Medium Scale Single Layer Tablet Press



○ Number of Stations	32	38	45
○ Tooling IPT/EURO	D	B	BB
○ Tablet Output (Tab/Hr) (Max.)	134,400	159,600	189,000
○ Pre Compression Force (Max.)	Continuous Load 10Tons/100kN		
○ Main Compression Force (Max.)	Continuous Load 10Tons/100kN		



**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us

EP-700 - High Production Single & Bi-Layer Tablet Press



○ Number of Stations	51	61	75
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	367,200	549,000	675,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	153,000	183,000	225,000
○ Pre Compression Force (Max.)	Continuous Load 10Tons/100kN		
○ Main Compression Force (Max.)	Continuous Load 10Tons/100kN		

EP-700 HT - High Production Single & Bi-Layer Tablet Press

○ Number of Stations	51	61	75
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	306,000	366,000	450,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	122,000	146,400	180,000
○ Pre Compression Force (Max.)	Continuous Load 12Tons/120kN		
○ Main Compression Force (Max.)	Continuous Load 12Tons/120kN		

**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us

HATA CVX-LD-U - High Production Single & Bi-Layer Tablet Press



Scan to Play Video



Interchangeable Turret



Interchangeable Turret



Turret Lifter



Turret Stand








○ Number of Stations	45	55	65
○ Tooling IPT/EURO	D	B	BB
○ Single Layer Tablet Output (Tab/Hr) (Max.)	432,000	528,000	624,000
○ Bi-Layer Tablet Output (Tab/Hr) (Max.)	108,000	132,000	156,000
○ Pre Compression Force (Max.)	Continuous Load 8Tons/80kN		
○ Main Compression Force (Max.)	Continuous Load 8Tons/80kN		






**Output mentioned are subjective to tool size and granules

* For more details & options available on models please contact us



H-Series

MODEL	MEASURED PARAMETERS				
	 HARDNESS	 LENGTH	 WIDTH	 THICKNESS	 WEIGHT (external scale)
H3	●	●	●	—	—
H4	●	●	●	●	—
H5	●	●	●	●	○

MODEL	MEASURED PARAMETERS				
	 HARDNESS	 LENGTH	 WIDTH	 THICKNESS	 WEIGHT (external scale)
HC6.2	●	●	●	—	—
HC6.2 EXT	●	●	●	○	—
HC6.2 EXT +	●	●	●	○	○



T-Series



UTS 4.1

MODEL	L x W x H (mm)	Weight (kg)
UTS 4.1	590 x 400 x 530	40

MODEL	Stations (pieces)	L x W x H (mm)	Weight (kg)
DISI1M	1	340 x 250 x 750	20
DISI2M	2	475 x 250 x 750	30
DISI3M	3	610 x 250 x 750	40
DISI4M	4	750 x 250 x 750	50



DISI-M

* For more details & options available on models please contact us

Powder Transfer & Dust Extraction System



Multiple Unit Pellet System
MUPS

Hopper Load Cell : Capacity 20kg
Feeder Servo Motor : RPM - 3000, Power - 0.16kw,
Voltage - 7.0mv
Suitable for other make tablet press too.



Metal Detector
PEMD

Sensitivity : Ferrous: \varnothing 0.3mm
Non Ferrous: \varnothing 0.4mm
Stainless Steel: \varnothing 0.5mm



De-duster Unit
PEDDU Standard

Dimensions (mm) : Inlet Height : 720 to 1070
Outlet Height : 805 to 1155
De-dusting Path (mm) : 6500
Tablet Diameter : Min \varnothing 4 mm, Max \varnothing 25 mm
Weight : 105kg



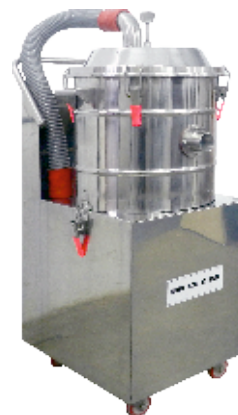
De-Duster & Metal Detector Combo Unit
PECU

Tablet Output : 5,000 to 2,00,000 Tablets/hr
Through put of Tablets : 5 to 120 Seconds
Tablet Diameter : Min \varnothing 5 mm, Max \varnothing 36 mm
Machine Dimension (Max.) : 600L x 590W x 2016H
Weight : 132kg



Powder Transfer Unit
PEPTU

Power Supply : 415V AC, 3-phase, 50Hz, 0.55KW
Compressed Air : 5CFM at 6to5 bar, Clean air for PU
8mm (OD) tubing
Vacuum Pump : Oil Less Vacuum pump 0.55KW



Dust Collector
PEDU 100, 200, 400

Air Flow : 120 - 240 - 330 m3/hr
Operating Vacuum : 150 - 220 - 360 mbar

* For more details & options available on models please contact us

1st Tooling company to get the ISO 9001:2008 certification from TÜV SÜD, South Asia Pvt. Ltd. One of the most high tech manufacturing units in Asia.



ECO TOOL

Standard tooling made from A1S1 O1 material for punches and A1S1 D3 material dies, with Hand Chrome plating is offered.

Parle Elizabeth accommodates EU & TSM standards of B, D, BB, BBS, tooling configurations used in today's international market.

As per the product requirement we can provide various configurations to elevate durability and performance.

Eliza-Tool

Premium tooling material like A1S1 S7, A1S1 D2 & SUS 440C for punches and A1S1 D3, SUS 440c for dies is manufactured. Chromium, Nitride coatings as per product can be offered on these steels for punches.

Parle Elizabeth accommodates EU & TSM standards of B, D, BB, BBS, tooling configurations used in today's international market.

As per the product requirement we can provide various configurations to elevate durability and performance.



COATINGS, DUST CUP & BELLOWS



In order to improve the hardness of tablet compression tooling, different coatings can be applied for higher wear resistance, decreased friction, minimized punch seizure, higher corrosion resistance and anti-adhesive properties.

Fitted on the upper punch groove, the bellows prevent dust depositing on punch barrel and avoids the punch getting tightened in the turret. It also avoids the contamination of product with the lubricant.



In an endeavor to provide customer solution to their Product, Tools, Output related issues in compression.



launched

P-STEP

PMAT™ SERIES



Parle-Solution To Every Problem

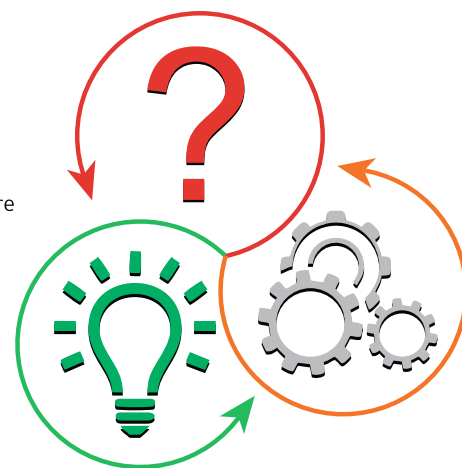
P-STEP is a division formed by Parle-Elizabeth and launched to work on issue based product to provide solution and to convert ideas to workable critical tablet design i.e. anti-counterfeiting solutions.

P-STEP is about:

1. Solution on issue based products.
2. Anti-counterfeiting solution.
3. Any other solution needed for Tooling Performance
4. Special application alloy steels like Pmat™ 122, Pmat™ 32, Pmat™ 80, Pmat™ 51, Pmat™ 170 along with the concept of understanding customer need and providing solution to ensure satisfactory results is achieved.

Solution on issue based products

- Team of experts from design, manufacturing and quality ensure perfect solution on shared issues in existing tooling.
- Experts on material selection based on application ensure proper Material of Construction (MOC) selection for particular application.
- Experts from design work on detailing to improve tool and tablet design to perform well.
- Manufacturing infrastructure have state of art facility with the help of Computerized Numerical Controlled (CNC) machines that ensures quality standard is continuously achieved.
- Quality Team ensure dispatches of precise punch and die as per specified tolerance and provide certificate.



Anti-counterfeiting Solution

- Expert design team discuss with you and work on high volume and high value products to provide solutions by critical tablet design.
- Critical tablet design may consist various shapes other than standard, company logo to be engraved on tablet face, notches and break line designs.



To cater high volume product demand of time bound market along with cost effectiveness we are pleased to announce **P Matrix** series of compression tooling.

P Matrix series of Compression Tooling is blended with:

- Advanced technology for replaceable design multi tip and solid design multi tip
- Customized tooling design
- Reliable punch and die quality
- Development with customer
- Quick delivery time



We provide solutions in tablet tooling where more than one tablet can be formed at each station in the press. Multi-tip tooling is a uniquely designed assembly. The number of tips being dependent on the punch type, size and shape of the tablet.

Our latest computerized production machinery provides the accuracy demanded by this tool type, ensuring complete component alignment and interchangeability.

Multi-tip tooling from **P Matrix** allows you to consider

- Increased output on each tablet press
- Reduced number of tablet presses
- Improved production lead times
- Reduced operating costs
- Shorter production times for sensitive granulate
- Shorter exposure times for hazardous granulate



The concept of **P Matrix** tooling is based on 5 P factors which caters to industry demand.



Productivity:- Productivity:- Increase in per hour or per shift production Reduction in rejection



Performance:- Increase in Machine efficiency, Increase in Plant efficiency



Perfection:- Perfection maintained w.r.t. weight, hardness and dimensional accuracy. Perfection w.r.t. installation of tooling on machine.



Price:- In case of high volume product, Cost Benefit Analysis w.r.t. Standard tooling shows competitive edge. ROI can be achieved with couple of months depending upon your operational requirement



Power:- Power saving in **P Matrix** tooling as compared to your standard tooling. i.e. Same power consumed for compression, but output enhancement is better.

CUSTOMISED TOOLING



ROTAHEAD

The name as it suggests is a tool where the "HEAD ROTATES" which is generally preferred for tools in shapes other than round. The rotating head ensures that wear is even along the inside head angle and thereby increases tool life Another major advantage is that the head can be replaced in case of any specific wear, where in for a standard set the punch would have to be discarded.

CUSTOMIZE

Custom made tablet press toolings with exact given specification. Giving variety for tablet presses such as Single station tooling, Bholus tooling. Toolings also available for Veterinary which have bigger size tablet than standard tablet.





CLEAN

The main function of this step is to clean and dry the contaminated parts by using multiple baths of Ultrasonic cleaning System

ULTRASONIC CLEANER

1. Pre-cleaning

Separation of loose contamination from the components

2. Ultrasonic cleaning

Separation of critical contamination from the components with ultrasonic waves

3. Rinsing with air agitation at 60°C

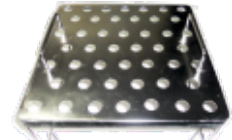
Separation of previous stages cleaning tresses on the component

4. Hot air drying

Drying of components by Hot air blown from all sides of the tank

5. Rust Preventive Oiling (R.P.O.)

After above complete cleaning cycles, a layer of rust preventive oil is applied on the cleaned componets



Punch & Die Holder



Single stage Variant



3 stage Ultrasonic Cleaner



4 stage Ultrasonic Cleaner



5 stage Ultrasonic Cleaner



OIL

Applicable to protect the tools with food grade rust preventive oil, which improves the tool life on the press. The same is available in non-toxic, rust preventive, corrosion resistant & food grade

RUST PREVENTIVE OILING



INSPECT

For inspection of Punch tip face, embossing, Die bore finish, Pitting or Corrosion marks on the tools.

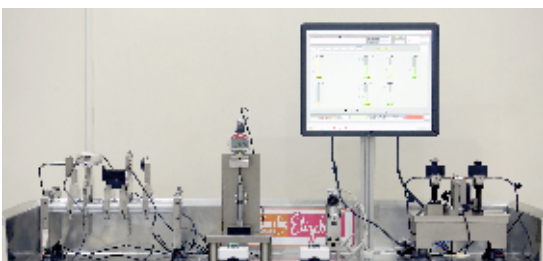
VISUAL INSPECTION KIT

It is recommended to visually inspect the tools prior to any repairs/polishing. This can be done using eye glass or magnifying lense to ensure the desired tool life is achieved which in turn to validate periodical maintenance procedure.

It is also useful to check tablets with higher magnification under microscope which can detect the surface & cosmetic defects .



AUTOMATIC INSPECTION SYSTEM



PE-LASER





MEASURE

DIGITAL INSPECTION KIT

Tool Checker checks international standards set by global tooling councils like EURO & TSM

Digital Inspection Kit suitable for Inspection of Critical Parameters of Punches & Dies such as Tip Size, Barrel Diameter, Overall Length, Working Length, Cup Depth, Head Thickness, Die Height, Die OD, Die Bore etc.



Comparator Stand



V Block with Clamp



Digital Dial Gauge



Die Punch Checking Jig



Digital Micro Meter



EURO Head Go/No Go Gauge



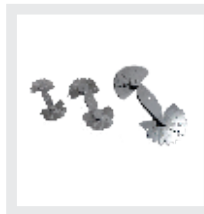
Die OD Gauge



Magnifying Glass



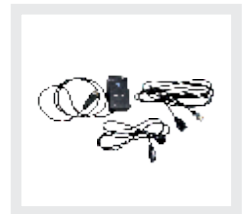
Die Bore Gauge



Radius Gauge



EURO Std Height Gauge



Input Data Device



REPAIR

PUNCH POLISHING KIT

Clean Critical areas of tooling like Punch Tip, Embossed lettering etc.

A comprehensive kit for minor maintenance of punches and dies to enhance tooling life by taking care of critical areas of tooling such as Embossing, Punch Tip, Die Bore etc.



Pneumatic Polisher



High Speed Polisher



Double Ended Polisher



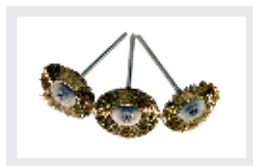
Motorized Chuck Unit



Diamond Paste Syringe



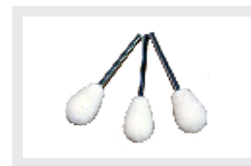
Nylon Polishing Brush



Brass Polishing Brush



Brass Polishing Brush



Felt Bobs



Felt Bobs



POLISH

Automatically Polish Tools for better Tablet Finish

AUTOMATIC TOOL POLISH MACHINE

Improved tool quality
Longer tool life
Reduces chipping during tablet compression
This special polishing process prevents corrosion
Reduces the coefficient of friction



Die Holder



Angular Punch Holder



Media Mixer



TP-I



TP-II



TP-ECO



TOOL POLISH MEDIA



STORE

Optimum utilization of space for storing punches, dies & other spare parts in vertical or horizontal design. The same can be customized as per availability of floor space.

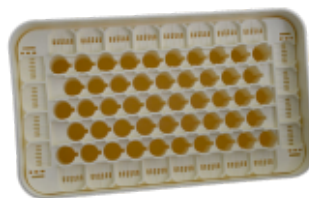
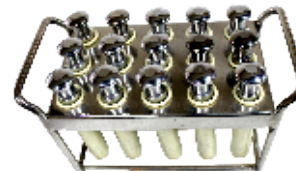
TOOL STORAGE SYSTEM

MOBILE RACKING SYSTEM

Customised Storage Rack

Customised Fabrication as per room layout, suitable for the storage of,

- Change parts
- Raw Material
- Finished Goods
- Spares
- Medical Equipments
- Records/ Stationery/ Files



Features :

- Manual/Motorised movement of storage racks.
- Optimum space/ height utilization for storage of goods.
- Improved control and throughput time.
- Reduced operational cost.



Our aim to provide complete engineering services in automation, retrofitting and machine overhauling.

"P-Assure" – Making Ideas Happen

- Our Expert Team, Interacts with your Team on understanding of requirement and Nurturing the Idea developed.

"P-Assure" – Press Part Assurance

- Experts on Material selection based on the Application study assures improved component life.
- QMS, Quality Management System supported by manufacturing Infrastructure and CNC machines ensures the Quality standards are consistently achieved.
- "Quality Assurance" department to approve and make certification for same.

"P-Assure" – Press Assure Universal "AWC" Software

- Universal software design for Tablet Compression Machine, which is suitable for "GMP or Non-GMP" machine.
- GAMP-5-21 CFR part 11 guideline is considered for software design and its strongly recommended by "US FDA".
- Audit trials on real time.
- Provision for "AUTHENTICATION REPORTS" to control reports through User login, Password and signature upload.

Our Study Scope

- Machine evaluation with existing Machine "LIFECYCLE".
- Redesign or modify the machine components and hardware's for better performance.
- Redesign process automations with upgraded Hardware and software.
- Automation expertise to help design logics / safety / operations make user friendly.
- Product specialists to support for getting the best functionality.

**CONTROL
AUTOMATION**

**MECHANICAL
COMPONENTS**

SAFETY

PROCESS CYCLE

EXECUTIONS AND VALIDATIONS BY EXPERTS

MAKING INNOVATIONS HAPPEN

Documentation preparation to finish projects

- DQ, IQ, OQ, FAT.
- Software Assurance letter.
- Qualification of Employees.
- Risk Assessment documents for machine.
- Risk Analysis documents for Software.
- Hardware Specifications
- Software design specifications.
- Operating Manual.
- Hardware Manual.
- Electrical and mechanical flowchart.

AUTOMATION



Networking/Retrofits



TAB CONTROL



CapCheck Control



FBD Control



Mix/Other Control



IOT



Consulting

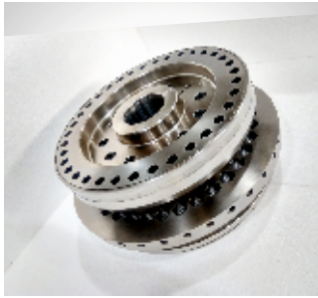


TABLET PRESS PARTS

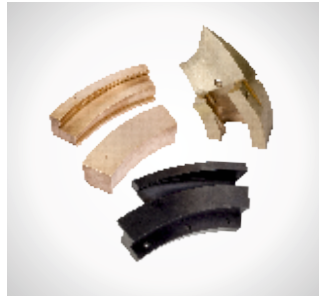
High Quality Tablet Press Parts



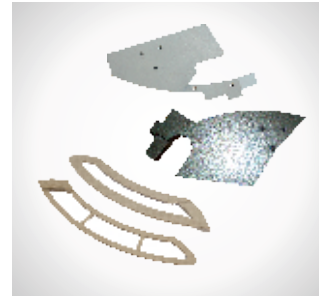
- Press parts manufactured on High Precision machine under the supervision of compression experts.
- Special Treatment and Material selected for improved Life.
- Free Installation Service can be availed.
- 80+ Spares in stock
- Can cater to all Press type & Models.



TURRET



CAMS



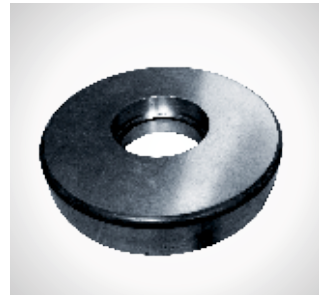
TABLET SCRAPER



DISC SPRING



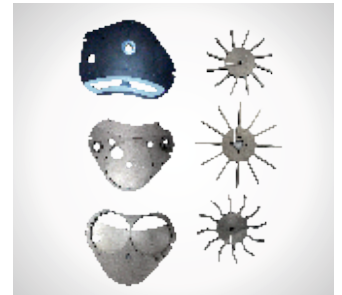
FEEDER ASSEMBLY



PRESSURE ROLLER



BELLOWS



FEEDER PARTS



POWDER SENSOR



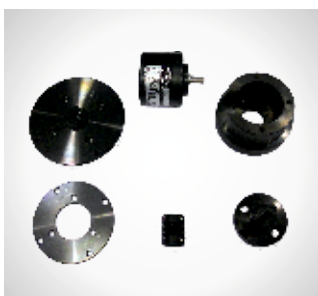
LOAD CELL
CALIBRATION KIT



BALL PLUNGER



LOAD CELL &
LOAD CELL TIGHTNESS



INCLOSED TYPE
ENCODER



LINEAR SCALE
MODERN / CLASSIC

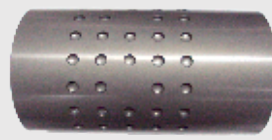
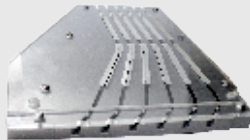
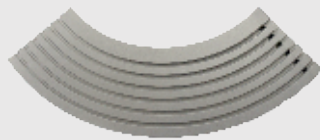


DOOR CLOSER
GAS SPRING



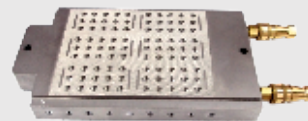
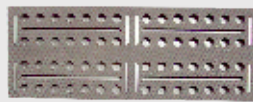
DIE LOCKING
SCREW B/D

FORMING COMPONENTS



FEEDING COMPONENTS

SEALING STATION & SEALING ROLLER



EMBOSSING, PERFORATING & PUNCHING STATION

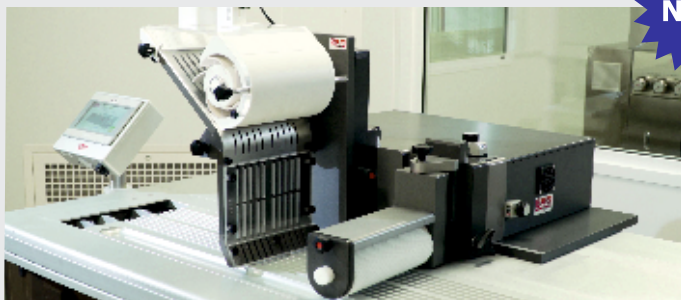
- Packing identifies the brand of product. Hence besides shaping tablets, Parle provides Blister Change Parts to complete the process.
- Our design and development team is well equipped to support your ideas in terms of trouble free packing.
- We manufacture change parts for Indian & imported blister packing machines, right from low end to high end models.

COMBO FEEDER

ELIZA PACK Designing and Manufacturing Expertise for:

- Thermo-forming blisters (PVC/ALU).
- Cold-forming blisters (ALU/ ALU).
- Flat as well as Rotary blister packaging machine change parts.
- Total Technical Support.

NEW





PF-150



- Output Capsules/hr : Up to 150,000 (for Powder filling)
Up to 110,000 (for Pellet filling)
- Dimensions(mm) : 1650(L) x 1290(W) x 2050(H)
- Gross Weight : 2800kgs
- Provision for combination filling in capsules : Tablet/micro tablet/softgel capsule

PF-90/PF-90 ZGO



- Output Capsules/hr : Up to 90,000 (for Powder filling)
Up to 80,000 (for Pellet filling)
Up to 50,000 (for Tablet filling)
- Dimensions(mm) : 1350(L) x 1200(W) x 2350(H)
- Gross Weight : 2350kgs



PF-40



- Output Capsules/hr : Up to 40,000/ 25,000 (for Powder filling)
Up to 35,000/23,000 (for Pellet filling)
Up to 13,000 (for Tablet filling PF-25 only)
- Dimensions(mm) : 1210(L) x 955(W) x 1900(H)
1210(L) x 955(W) x 1900(H)
- Gross Weight : 1100kgs / 1000kgs

PF-25





R&D Benchtop Capsule Filling Machine



- Output Capsules/hr : 3000 Capsules P/hr
- Dimensions(mm) : 710 L x 530 W x 1050 H
- Gross Weight : 150Kg



SAF-DL



- Output Capsules/hr : Up to 30,000 ~ 40,000
- Dimensions(mm) : 2800(L) x 1000(W) x 1700(H)
- Gross Weight : 1250kgs

SAF-SL



- Output Capsules/hr : Up to 20,000 ~ 25,000 (for Powder/Pellets Filling)
- Dimensions(mm) : 1955(L) x 950(W) x 1855(H)
- Gross Weight : 1100kgs





PCCW - 40
Capsule Check Weigher



- Capsule Size : 000 ~ 5
- Output : 40000 c/hr
- Hopper Capacity : 35 ltrs.
- Dimension(mm) : 1400(L) x 800(W) x 2100(H)
- Accuracy : ± 2 mg

PDBL
Semi Automatic De-Blistering Machine



- Operation Speed : 30 blisters per min. (Depends on operator)
- Approx Weight : 20kg
- Blister Type : ALU-ALU, PVC-ALU etc.
- Dimension(mm) : 325(B) x 325(H) x 230(L)
- Feeding : Manual





TAMPRINT 300

High Speed Tablet Printing Machine



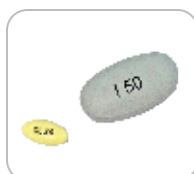
- Single tablet rejection by camera
- Viscosity control for ink
- 21 CFR Compliant

TAMPRINT 80

Tablet Linear Printing Machine



Maximum Print Area



Perfect Print Centric



Absolute Print Clarity

- Output : 60 ~ 80,000 p/hr
- Single tablet rejection by camera
- 21 CFR Compliant





Winner of Pacmachine 2015 award by Indian Institute of Packaging

TAMPRINT 60

Tablet Linear Printing Machine



Maximum Print Area



Perfect Print Centric



Absolute Print Clarity

- Output : 40 ~ 60,000 p/hr
- Single tablet rejection by camera
- 21 CFR Compliant

PPT - 32I

Tablets, Capsules & Softgels



- Output : 85,000 tablets/hr (tablets of 11Ø)
- Prints on tablets, capsules & softgel
- Options Available : Both side printing



PPT - 25I

Tablets, Capsules & Softgels



- Output : 65,000 tablets/hr (tablets of 11Ø)
- Prints on tablets, capsules & softgel
- Options Available : Both side printing





PTIM

Tablet Inspection Module

- Adaptable for any counter
- Camera based detection and rejection of defective tablets (with different physical parameters color, shape, broken)



PTI - 15

Tablet Inspection Machine

- Output : Approx. 27,000 ~ 30,000 tablets p/hr
- Two side inspection for tablets
- Manual (pneumatic) suction of defective pieces
- Special attachment for capsules

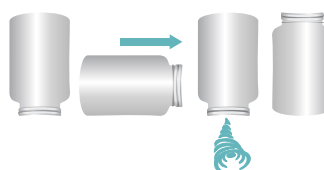




UNSCRAMBLER - PUS 200

For all HDPE / PLASTIC Containers

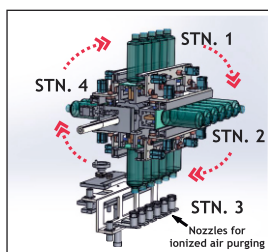
- Output : 120 ~ 180 bpm
- Optional camera based oriented with rejection
- Timing belt for bottle transport



ROTARY AIRJET CLEANER-PRAC 60/120

Removes dust & heavy particles by using ionized compressed air & gravity

- Output 60/120 bpm of 100cc containers
- Inversing of bottle with 1.5 sec cleaning time
- Compressed ionized air purging for cleaning of containers



INDEXING CYCLE FOR
INVERTING THE BOTTLES



R&D



PEC - 20 A

Benchtop Model

- Output : 8 ~ 18 bpm
- Manual feeding of bottles
- R&D and small batch production



QC

PCVM

Count Verification Machine

- Count verification of bulk line
- Report printing through dot-matrix printer
- No change parts needed
- Single & Dual track available ideal for QA/QC



QC



PMC 10

Count Verification Machine

- Output of 10bpm, Ø8.5 mm tablet for 60 counts
- Idle for R&D/Pilot batches
- Manual placement of bottles



Bio-Batch



PMC - 25

4 Track Multi Channel Counter

- Output : 30bpm, Ø8.5 mm tablet for 60 counts
- Ideal for stability/bio batches
- Manual feeding of bottles, can be upgraded with conveyor belt for automatic feeding



* The above tentative output mentioned is for Ø 8.5mm coated tablets for count of 60's in containers with mouth open inner Ø 30mm

Low Scale Production



PMC - 30

6 Track Multi Channel Counter

- Output : 30bpm, Ø8.5 mm tablet for 60 counts
- Ideal for low volume production
- Manual feeding of bottles, can be upgraded with conveyor belt for automatic feeding



Mid Scale Production

PMC - 60

12 Track High Speed Multi Channel Counter

- Output : 60bpm, Ø8.5 mm tablet for 60 counts
- Automatic height adjustment for container through touchscreen.
- 21 CFR compliance as an option



High Scale Production



PMC - 90

18 Track High Speed Multi Channel Counter

- Output : 80 ~ 90bpm, Ø8.5 mm tablet for 60 counts
- Single track design to save space
- 21 CFR compliance as an option



* The above tentative output mentioned is for Ø 8.5mm coated tablets for count of 60's in containers with mouth open inner Ø 30mm

High Scale
Production

PMC - 120

24 Track High Speed Multi Channel Counter

- Output : 100 ~ 120 bpm, Ø8.5 mm tablet for 60 counts
- Compact design
- 21 CFR compliance as an option



200 BPM



PMC - 200

36 Track High Speed Multi Channel Counter

- Output : 210bpm, Ø8.5 mm tablet for 60 counts
- Compact Design
- High speed counting algorithm
- 21 CFR compliance as an option



* The above tentative output mentioned is for Ø 8.5mm coated tablets for count of 60's in containers with mouth open inner Ø 30mm



PSI - 60/120

Single Head Silica Gel Inserter Machine

- Output : 60/120bpm, Ø8.5 mm tablet for 60 counts
- Servo control pouch transport
- Special sensor for oxygen pouches
- Multiple pouch insertion possible



PCI - 60/120

Canister Inserter Machine

- Output PCI-60 : 50 ~ 60 canister/min
- Output PCI-120 : 80 ~ 100 canister/min
- Cover all standard range of canister
- Multi canister feeding possible



Small Scale Production



PRI - 90

Rayon/Cotton Inserter Machine

- Output : 80 ~ 90bpm
- Cotton length range : 60 ~ 160mm
- Multi insertion of cotton possible



PRI - 180/200

Rayon/Cotton Inserter Machine

- Output : 180 ~ 200 per/min
- Cotton length range : 60 ~ 160mm
- Multi insertion of cotton possible



Mid/High Scale Production



High Speed Combo



PSCI - 100

Double Head Silica & Canister Inserter Combo Machine

- Output : 100 ~ 120 per/min
- Compact Design
- Same machine can be used for Silica pouch or cannister



Mid Scale Production



PSC 45/60

Single Head Capping Machine

- Output PSC 45 : 100cc Containers
- Output PSC 60 : 100cc Containers
- Caps which can be handle : CRC type, Press On Cap, etc.
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 80mm.
- Pre-threading operation inbuilt
- Torque measuring arrangement available



High Scale Production

PSC-Inline-120

Inline Capping Machine

- Output : 100 ~ 120 (for 100cc containers)
- Caps which can be handled : CRC & Screw Caps
- Container Size : Height 50 ~ 200mm; Diameter 35 ~ 110mm.
- Pre-Capping by belt
- Final capping with torque measurement & rejection



High Scale Production



PSC 120/120T 4 Head Capping Machine

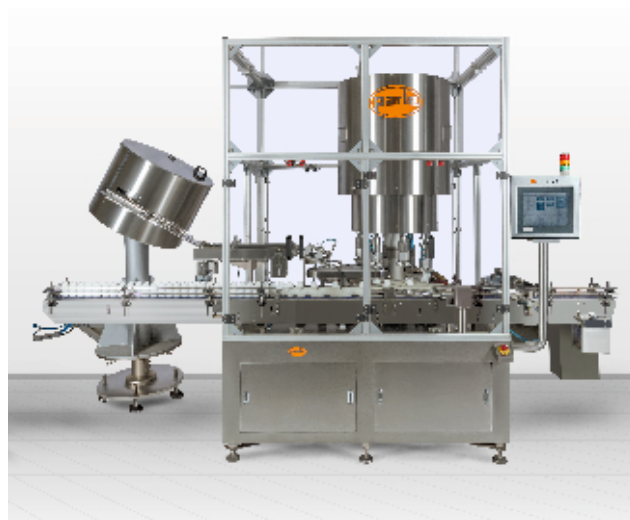
- Output : 100 ~ 120 (for 100cc containers)
- Caps which can be handle : CRC type, Screw Capping & Press On Cap
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 85mm.
- Torque setting through HMI
Torque measuring only on PSC-120T



200 BPM

PSC 200 8 Head Capping Machine

- Output : 180 ~ 200 bpm
- Caps which can be handled : CRC, Screw Capping, Press-on Cap
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 85mm.
- Torque setting through HMI



Conical Cap Capping



PSC 60C Screw Capping Machine

- Caps which can be handled : Taper profile CRC & Screw caps
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 85mm.
- Torque measuring arrangement available



Combination Capping



PSC 60A Press & Screw Combi Capping Machine

- Caps which can be handled : Round shape & Flat press type caps with shaped containers
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 80mm.
- Customize machine as per the container shape and size



Flat Container Capping



PSC 60F Press-on Capping Machine

- Caps which can be handled : Press On caps
- Container Size : Height 52 ~ 175mm; Width 12 ~ 35mm.
- Walking beam for bottle transfer



Glass Vial Capping



PSC 60G Pre Threaded Metal Caps Capping Machine

- Caps which can be handled : Pre Threaded caps /Screw type low height
- Container Size : Height 50 ~ 175mm; Diameter 35 ~ 80mm.
- Customized pick & place arrangement for cap



Sigma II

Induction Sealing Machine

- Output : 60 ~ 120bpm
- Cap Size : 20 ~ 75mm / 60 ~ 120mm
- Max line speed : 60feet/min



Sigma III

Induction Sealing Machine

- Output : 150bpm (Depends on bottle cap dimension)
- PLC controlled unit.
- Compatible for 21 CFR compliance.



Labeling-60/120bpm

Labeling Machine

- Control system 60bpm : 1Axis - Stepper
- Control system 120bpm : 1Axis - Servo
- Wrap round labeling for round shape bottle
- Can be integrated with printing & online vision system



100%
Count
Accuracy



200 BPM Line
Bulk Counting & Filling System

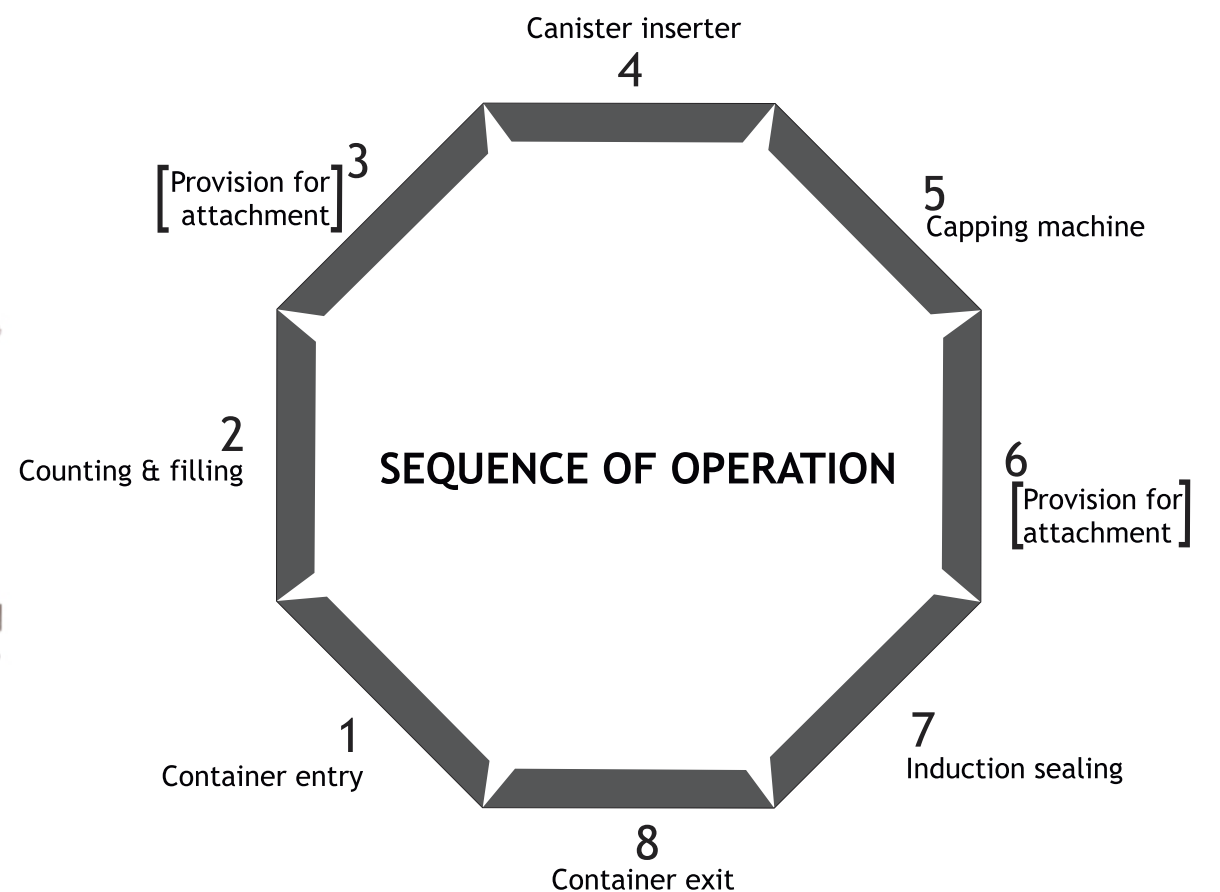


India Pharma Award 2018 for
Excellence in Pharmaceutical
Machinery



- **Exhibit batches (with flexibility to attached and detach machines)**
- **Onco & Hormone batches (with low air handling volumes)**

Monoblock Fill - Seal - PMFS 30
Versatile Compact Bottle-Filling System



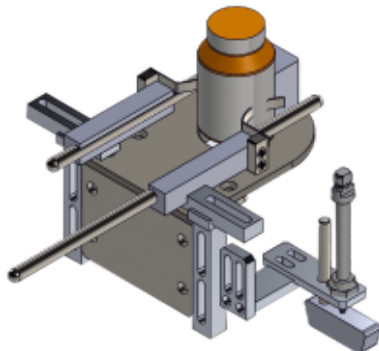
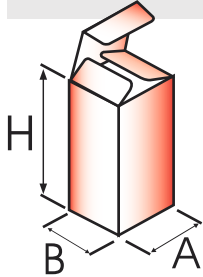
PCP - 60S

Semi Automatic Cartoning Machine

- Output : 50 ~ 60 cycles per/min
- Power Source : 230V, 1Ph, 50/60Hz
- Approx Weight : 550 Kg

• Carton size in mm

- Minimum : (A) 20 x (B) 15 x (H) 60
- Maximum : (A) 82 x (B) 82 x (H) 205



Auto Loader for PCP - 60S



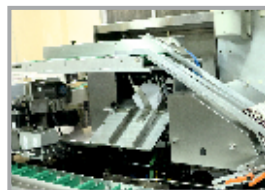
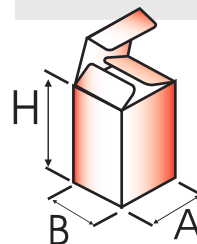
PCP - 120

Automatic Horizontal Cartoning Machine

- Output : 80 ~ 100 /min
- Power Source : 330V, 1Ph, 50/60Hz
- Approx Weight : 1500 Kg

• Carton size in mm

- Minimum : (A) 25 x (B) 12 x (H) 55
- Maximum : (A) 85 x (B) 70 x (H) 200





Tablet/Capsule Automatic Visual Inspection Systems

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.

Tablet Vision Inspection System

Double Track Tablet visual inspection system

Inspection Accuracy **50 μ m + 3D**
Processing Capacity **600,000** (ϕ 6mm) tablets/H



TVIS-NS-VA1

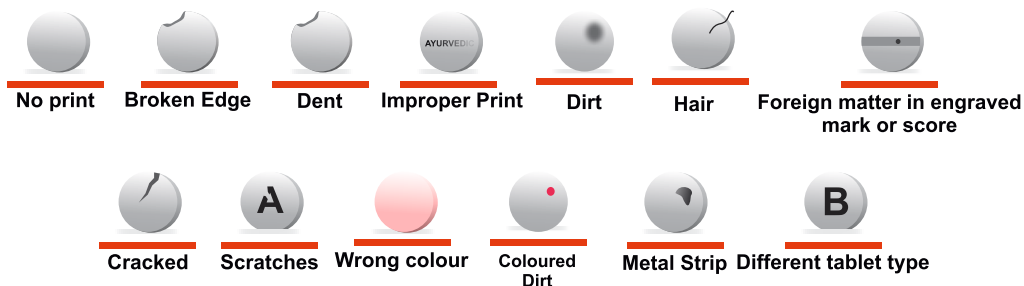


TVIS-NS-VA2

Tablet Vision Inspection System

Single Track/Upgradeable to Double Track

Inspection Accuracy **50 μ m + 3D**
Processing Capacity **300,000** (ϕ 5mm) tablets/H





PK 120 PL/AL/Combo Linear

Tube Filling & Sealing Machine

Output speed (Tubes/min) :	120
Fill Volume :	3 gms to 250 gms
Tube diameter :	12 mm to 35 mm / 10 mm to 50 mm
Type :	Fully Automatic



PK 120 Combo Linear



PK 60 Combo Linear



PK 60 PL/AL/Combo Linear

Tube Filling & Sealing Machine

Output speed (Tubes/min) :	60
Fill Volume :	3 gms to 250 gms
Tube diameter :	12 mm to 35 mm / 10 mm to 50 mm
Type :	Fully Automatic



PK 60 AL/PL - A

Aluminum/Plastic Tube Filling & Sealing Machine

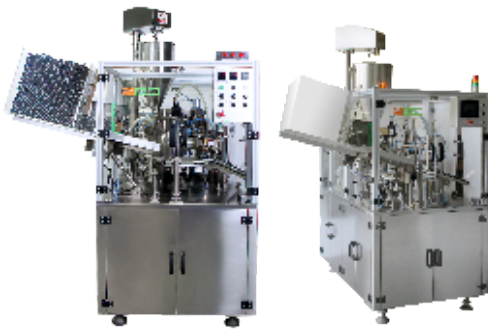
Output speed (Tubes/min) : 60
 Fill Volume : 3 gms to 250 gms
 Tube diameter AL : 12 mm to 35 mm | 10 mm to 50 mm
 Type : Fully Automatic



PK 60 AL-A



PK 60 PL-A



PK 30 AL-A

PK 30 PL-A

PK 30 AL/PL-A

Aluminum/Plastic Tube Filling & Sealing Machine

Output speed (Tubes/min) : 45
 Fill Volume : 3 gms to 250 gms
 Tube diameter : 12 mm to 35 mm / 10 mm to 50 mm
 Type : Fully Automatic



PK 30 PL/AL/Combo

Plastic/Combo Tube Filling & Sealing Machine

Output speed (Tubes/min) : 35 to 45
 Fill Volume : 3 gms to 250 gms
 Tube diameter : 10 mm to 50 mm
 Type : Semi Automatic



PK 30 Combo



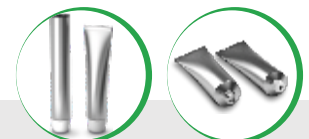
PK 30AL-SH

PK 30AL-DH

PK 30 AL - SH/DH

Aluminum Tube Filling & Sealing Machine

Output speed (Tubes/min) : 35 & 70
 Fill Volume : 3 gms to 150 gms / 3 gms to 100 gms
 Tube diameter : 12 mm to 35 mm / 10 mm to 22 mm
 Type : Semi Automatic



With Servo
Filling System



PK 20 SPF

Spouted Pouch Filling Machine

Output speed (Pouch/min) :	12 to 30 pouches Per/min
Fill Volume :	10gms - 1kg (depends on product dispersity)
Filling Speeds :	12 - 30 Pouches per min. (depends on product dispersity)
Type :	Fully Automatic

PK 20 PF / PK 20 PF-DH

Benchtop Piston Filling Machine

Output speed (Tubes/min) :	20	20
Fill Volume / Tube Diameter:	10 gms to 500 gms	10 gms to 500 gms
Type :	Semi Automatic	Semi Automatic



PK 20 PF



PK 20 PF-DH



PK 20 TS PL

PK 20 PF / PK 20 TSPL

Single Head Semi-Automatic Sealing & Coding Machine

Output speed (Tubes/min) :	8 ~ 10
Fill Volume / Tube Diameter:	12 ~ 50 mm
Type :	Semi Automatic

PK CFM

Container & Jar Filling Machine

Model :	1, 2, 4, 6 Head container
Fill Volume :	3 gms to 250 gms
Filling Speed :	30 C.P.M to 180 C.P.M
Type :	Fully Automatic



PK CFM

Business Representations



Softgel Encapsulation
R&D-Pilot-Commercial

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. The main focus is to manufacture world class machines for Softgel Encapsulation of varied forms.

Seamless Capsule Machine

Output speed (Tubes/min) : Ø 3 mm 45 capsules per second / 162,000 cap/hr
: Ø 10 mm 9 capsules per second / 32,400 cap/hr
Capsule type : Vegetable, gelatin, agar
Capsule shape / size : Round / Ø 1 ~ 12mm



T-150V



Vegetable Soft Capsule Machine

Classification of Die	Capsule Type	Cavities	Output (Hour)
Round #5	Vegetable (2RPM)	312	37,440 Capsules
	Gelatin (4.5RPM)	384	103,680 Capsules
Capsule type		: Vegetable / Gelatin	
Capsule shape / size		: Round, Oval, Oblong, etc	

Humidity & Temperature controlled Soft Capsule Machine

Classification of Die	Capsule Type	Cavities	Output (Hour)
Oval #12	Vegetable (2RPM)	350	42,000 Capsules
	Gelatin (4.5RPM)	462	124,740 Capsules
Capsule type		: Gelatin / Vegetable	
Capsule shape / size		: Round, Oval, Oblong, etc	



GENESYS NH-015

SEPHA

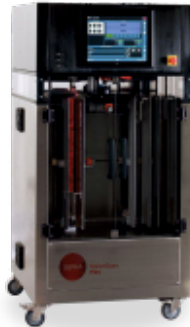
Leak Testing, Blister Packing & Deblistering

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.

Leak Testing



VisionScan
Semi Automatic



VisionScan Max - Automatic
8 Packs Per/min



Multi-Q Leak Testing
One Solution to test the Integrity of all types of containers including sachets, pouches, bags, bottles vials, ampules, trays



Blister Packing



EZ-Blister
200 cycles per/hr



EZ-Blister Autofeed
300~540 cycles per/hr



EZ-MedPak
200 cycles per/hr

Deblistering



PressOut
Semi Automatic



PressOut
Automatic



PressOut Universal - Automatic
50 Blister Per/min



PressOut Universal Mini
Automatic | 60 Blister Per/min

Business Representations



Ampoule, Vial & Syringe Inspection Systems

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



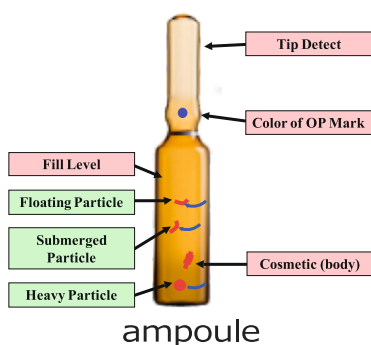
HR 3000-S



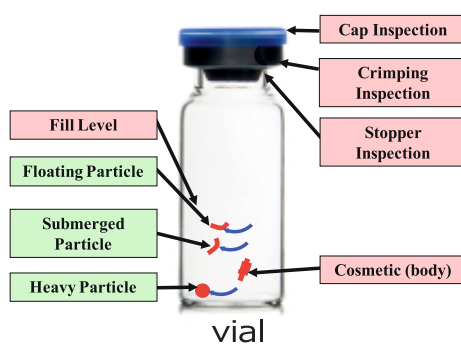
HR 1000

: Particle Inspection (option item included)

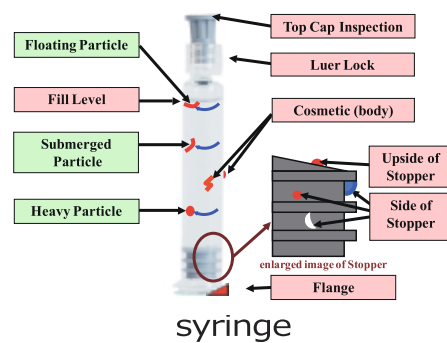
: Cosmetic inspection (option item included)



ampoule



vial



syringe

	Specifications	
type	HR3000-S	HR1000
capacity*	Max: 300 pcs/min	Max: 600 pcs/min
utility	200V (+transformer) -3ph power supply 35A	200V (+transformer) -3ph power supply 25A
container size	diameter(mm):10~60	
	height(mm):35~120	
air	0.5~0.7MPa 400NL/min	
weight	5,500kg	2,700kg

*Capacity is subjected to container diameter, solution and liquid quantity,etc.

	syringe (HR3000-S)	vial (HR1000)	ampoule (HR1000)
inspection items (optional item included)	high resolution inspection for submerged particle (transmission and reflection)		
	floating particle inspection		
	heavy particle inspection		
	cosmetic particle,scratch,liquid level		
	stopper inspection	cap crimping inspection	—
	top cap inspection	stopper inspection	color mark inspection
	luer lock inspection	shape of cap inspection	tip inspection
	flange inspection	color of cap inspection	—

PL SY P2 WEIGHER FILLER

- Number of Lanes : 2
- Speed (CPM: cycle/min) : 20-30
- Accuracy : $\pm 0.5\% \sim \pm 1\%$
- Weighing bucket (in grams) : 100, 500, 1500, 3000, 4500, 6000, 9000
- Direct Product Contact : Stainless Steel (304/316) Area



PL-HB-104VP BAND SEALER

- Seal Speed : 0~10m/min
- Seal Heater : 20-30
- Power : 1080W
- Conveyor Belt : W200xL1630
- Printer Heater : 80Wx2



LEEPACK

RT-110

Rotary Pick/Open/Fill/Seal Machine

- Number of Station : 10
- Speed : 40-60 Packets per/min
- Accuracy : $\pm 0.5\% \sim \pm 1\%$
- Pouch Size : 100-240 Width(mm)
150-350 Length(mm)



APPLICATION





Care



Promise



Service Training



Spare Parts

Parle being an engineering solutions provider understands the value & importance of timely service and maintenance of machines installed at our Customer's production area. We know our machines better than anyone else and always reassure of best service practices to get through any situation and re-initiate the operations. No matter what your machine services need are, you can trust us with best of our capability.

Our Customer Service relies on 4 parameters which serves as 360° solution to our customers.



Parle Care:

Parle Care understands the need of their customers not only technically but with local language support & fast access to the production facility location. Parle Technicians are trained technician who have very rich experience with machine development, manufacturing & deep application knowledge. We Care about your production losses due to the machine downtime & for which we ensure swift flow of complain registration to Engineer allocation to accessing the problem & finally running the machine back as desired.

Our remote service enabled software allows us to control the machines from our offices and troubleshoot minor issues with the machines.

Parle Promise:

We value all our customers and we care about the machines running at your shop-floor. We contact the customer after complains within 6 hrs & ensure engineers presence if issue not resolved within 24 hrs.

We listen carefully and actively follow up on what the real problem is. Offer & Schedule Annual maintenance Contracts before warranty expiry.

Provide our customers with cost estimation & turn around time with the quotes. Thoroughly explain & train engineers for all kind of preventive maintenance & minor repairs performed for future breakdowns



Parle Service Training:

Parle arranges on-site training camps to train customers technical team including operators, engineers, supervisors & technical teams to keep them up to date on machine's maintenance & troubleshooting techniques.

Parle service camps are also arranged at our manufacturing facilities to give exposure to our customer engineers & operators to new trends and technology in Pharma processing & packaging industry.

Parle Spare Parts:

Parle Spare Parts are designed and engineered specifically for delivering performance and longevity to all Parle machines. Parle manufactures spare parts for its own machines & many other brands in Packaging, Tablet Press & various ancillary products. Parle has world-class infrastructure with high-end CNC VMC machines. All these quality spare parts are tested under various simulated conditions to ensure quality, reliability and durability. Over the years, significant investments in R&D have been made to study the design, material selection and internal construction of Parle Spare parts.



Parle Spare Parts

GLOBAL PRESENCE



EXPORTS REACH – PARLE GROUP PRODUCTS

Algeria	Ethiopia	Kosovo	Oman	Syria
Austria	France	Latvia	Pakistan	Togo
Bangladesh	Ghana	Lebanon	Paraguay	Tunisia
Belarus	Greece	Luxembourg	Philippines	Turkey
Belgium	Indonesia	Malawi	Romania	U.A.E.
Brazil	Iran	Malaysia	Russia	Uganda
Cameron	Iraq	Malta	Saudi Arabia	UK
Chile	Israel	Mexico	Senegal	Ukraine
Columbia	Italy	Morocco	South Africa	Uruguay
Costa Rica	Ivory Coast	Nepal	Spain	USA
Denmark	Jordan	Netherlands	Sri Lanka	Uzbekistan
Ecuador	Kazakhstan	New Zealand	Sudan	Vietnam
Egypt	Kenya	Nigeria	Sweden	Yemen
El Salvador	Korea	Norway	Switzerland	Zambia

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Our Group Companies



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· BANGALORE
· CHENNAI

· GOA
· HYDERABAD
· MUMBAI

· PINJORE
· SIKKIM

AGENTS & DEALERS WORLD WIDE

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· BAHRAIN
· EGYPT
· INDONESIA
· IRAN
· JORDAN
· MALAYSIA

· NIGERIA
· PAKISTAN
· PHILIPPINES
· RUSSIA
· SOUTH AFRICA
· SOUTH KOREA
· SYRIA

· THAILAND
· TURKEY
· USA
· UZBEKISTAN
· VIETNAM