

SUPERFOLD OUTSERT SYSTEMS



Pratham
TECHNOLOGIES PVT. LTD.

World Class From India



Product Overview

We manufacture the modular Outsert Folding Systems, introduced in 2018. It has met 12 many installations worldwide. Our machines covers everything from 10 to 24 folds with Round Pile Feeder and 10 to 18 folds with Flat Pile Feeder option.

Reliability is the back bone of the product. We have following variety of Outserts Systems.

- | | |
|---|--|
| 1 | Systems with 1, 2 & 3 Knives options |
| 2 | Taping and Gluing attachments |
| 3 | Turn Table to use your space optimally |
| 4 | An Autonomous, Robotic Packing Tray |

PF 53



ACCESSORIES



1

First Folding Station



- Number of Folds 10/12/18/20/24
- German Rollers
- Position Indicators for Fold Setting
- SS Trays
- Max Paper 530 X 1067 mm
- Min Paper 160 X 210 mm
- Creasing Cutters 9 Numbers
- Speed: 150 m/min
- FDC
- GSM: 28 to 90 Gsm
- In-feed Diverter
- Modem Fault Indicator
- Voltage: 3 phase, 415 VAC. 50 Hz
- Voltage: 3 phase, 220 VAC. 60 Hz (USA)

2

Right Angle Folding Station



- Available Optional Folds: 2, 4
- Sliding Concept
- Max. Size: 180 X 530 mm (W x L)
- Min. Size: 28 X 100 mm (Depends on the Folding Pattern and Type of Paper)
- Speed: 90 m/min
- Voltage: 220 VAC, 50/60 Hz
- Thickness: 4 mm
- Dimensions: 3 ft. x 5 ft
- Weight: 260 kg.
- Gear Drive for 2 Fold, Belt Drive for 4 Fold
- Roller Dia.: 25 mm
- Ultra fast Roller Jam Detection

3

Parallel Knife Unit



- Max. Size: 150 X 75 mm (W x H)
- Min. Size: 28 X 28 mm (Depends on the Folding Pattern and Type of Paper)
- Thickness: 2 to 16 mm
- Speed: 30 to 90 m/min
- Voltage: 220 VAC, 50/60 Hz
- Dimensions: 1100 x 850 x 1200 (L x W x H)
- Weight: 250 kg.
- Pneumatic Pressure: 4 to 6 Bar

4

Pressing Unit



- Working Width : 28 to 100 mm
- Thickness: 6 to 16 mm
(Depends on the Folding Pattern and Type of Paper)
- Thickness: 2 to 10 mm (On Special Request)
- Speed: 60 m/min
- Voltage: 220 VAC, 50/60 Hz
- Dimensions: 700 x 600 x 1200 (L x W x H)
- Weight: 200 kg.

5

Turn Table



- Width: 400 mm
- Conveying Angle: 90°
- Inside Radius: 300 mm
- Height: 840 mm (Adjustable)
- Conveying Direction: Left
- Speed: 90 m/min
- Min. Distance in Front & Behind: 25 mm
- Voltage: 220 VAC, 50/60 Hz

6

Stacker



- Max. Size: 150 X 75 mm (W x H)
- Min. Size: 28 X 28 mm
(Depends on the Folding Pattern and Type of Paper)
- Stacking Folding Thickness: 2 to 16 mm
- Stacking Length: 1100 mm
- Speed: 60 m/min
- Voltage: 220 VAC, 50/60Hz
- Dimensions: 1700 x 470 x 8) 1200 (L x W x H)
- Weight: 80 kg.
- Pneumatic Pressure: 4 to 6 Bar
- Batching and Counting

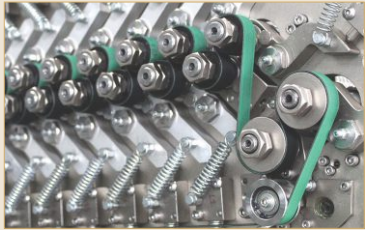
7

Taping Unit



- Max. Size: 170 X 80 mm (W x H)
- Max. Size: 200 x 80 mm
(On Special Request)
- Min. Size: 30 X 30 mm
(Depends on the Folding Pattern and Type of Paper)
- Thickness: 2 to 16 mm
- Speed: 30 m/min
- Voltage: 220 VAC, 50/60 Hz
- Dimensions: 1300 x 850 x 1800 (L x W x H)
- Weight: 250 kg.
- Pneumatic Pressure: 4 to 6 Bar
- Max. Label Size: 15 x 40 mm (W x L)
- Min. Label Size: 12 x 30 mm (W x L)
- Release Liner Width: 15 to 18 mm

Features



Silent Belt Drive



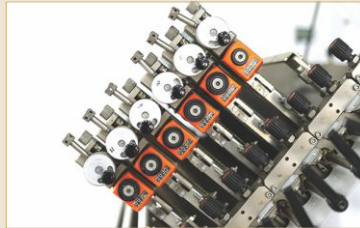
Combination Rollers



SS Folding Pocket with Position Indicator



Jam Detection to avoid wear and tear of parts



Gap Setting Adjustment by Calipers



Transfer Unit with Ejection for Wrong Pharma Code.



Electronic Double Sheet Detector

OUR EXCELLENCE

- ✓ Smart Jam Detection with Performance Tracking
- ✓ Cost Effective Machine, Spares as well as Total Cost of the ownership
- ✓ A Double Creasing Assembly gives faster set Creasing Blade for the next job, ensuring uninterrupted flow.

- ✓ We utilise a patented sturdy sliding design, which makes the rollers last twice as long.
- ✓ 2 to 16 mm thick folds possible
- ✓ Extra Length Joggers for Precise folding
- ✓ Setting is possible independently.

- ✓ Retrofitting is possible to use on other branded Outsert Systems
- ✓ Glue Gun Mounting facility for all Knives
- ✓ Knives are interchangeable

Technical Specifications

Parameters	PF 53
Max. Paper Size	530 X 1000 mm 20 ⁷ / ₈ " X 39 ³ / ₈ "
Min. Paper Size	160 X 210 mm 6 ⁵ / ₁₆ " X 8 ¹ / ₄ "
Paper Thickness	28 to 90 Gsm
Substrate	Bible, Maplitho
Speed Max	160 m/min
Min. Folding Size*	28 X 28 mm 1 ¹ / ₈ "
Max. Sample Thickness	16 mm (0 ⁵ / ₈ ")
Total Power	6 Kw
Available Models (In No. of Plates)	10,12,18

*Depends on folding pattern & type of paper

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Established in Pune in 1988, Pratham Technologies is India's first and leading manufacturer of Leaflet Folding, Pharma Packaging and Inspection Solutions. With over 5000 successful installations in more than 20 countries, our constant aim over the last 30 years has been to be your trustworthy partner in every way we can.



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**Get in touch for
refurbishing old
Outsert Systems**

Due to the policy of continual improvement, we reserve the right to alter the above specifications without prior notice.

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The configuration of the Outsert Machine displayed in this video/picture is merely for the representational purpose. Various different configurations of the Outsert Machine are possible. Please contact the seller for details related to patented and out of patent machines and methods.

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