



# Pratham

TECHNOLOGIES PVT. LTD.



Pratham, was founded in 1988 and is the number one supplier of small paper folding machines in India by market share. The key to our success is undoubtedly our world class product quality and efficient after sales service. More than 60% of our clients repeat sale with us every year. We boast an employee force who are energetic, loyal and dedicated and always hungry for innovation. Our sales have doubled over the last 3 years, and we've expanded worldwide. Innovation is our passion and every year we invest major portion of our earnings in new products and technologies. Outserts folding machines and carton inspection machines are the recent examples of our diversified efforts to innovate. We have about 40+ different technologies developed so far which can be used in various sectors of print finish and packaging.



Pratham, was founded in 1988 and is the number one supplier of small paper folding machines in India by market share. The key to our success is undoubtedly our world class product quality and efficient after sales service. More than 60% of our clients repeat sale with us every year. We boast an employee force who are energetic, loyal and dedicated and always hungry for innovation.

Our sales have doubled over the last 3 years, and we've expanded worldwide. Innovation is our passion and every year we invest major portion of our earnings in new products and technologies. Outserts folding machines and carton inspection machines are the recent examples of our diversified efforts to innovate. We have about 40+ different technologies developed so far which can be used in various sectors of print finish and packaging.

## MISSION

To Build A World Class Company  
Where We Create Value  
Through Innovation & Technology  
Making India Feel Proud

## OUR GLOBAL PRESENCE



## ABOUT FOUNDERS

Mr. Datta Deshpande has pursued his B.E. ( Bachelor Of Engineering) from College of Engineering, Pune in 1985. Sportsman by nature, he has been a recipient of many prestigious awards.

He has been the Ex-President of Entrepreneurs' International Trust and Club and has majorly contributed in developing the field of Entrepreneurship. At present, he is the trustee of Entrepreneurs International Trust and a member of Rotary International.

He wants to prove that India is capable of producing world class enterprises! His dream is to make the company known worldwide for the top-notch product quality and service, which is a goal which he shares with all the employees! He strongly believes that people are the most valuable assets of his company and only they can make the whole difference in his pursuit.



**Datta Deshpande**

Mr. Sanjay Dandekar has completed his B.E. ( Bachelor Of Engineering) from College of Engineering, Pune in 1985, along with Mr. Deshpande.

His expertise in multidisciplinary technologies has made Pratham the leader in paper folding and carton handling products.

He believes that manufacturing of World Class Products is nothing but the result of robust design and controlled processes.

"We, at Pratham, are passionate about making the best quality products."



**Sanjay Dandekar**

## SUPERFOLD Friction Feeder

### Technical Specifications

Folding Trays	: 4 folding pockets + 3 deflectors
Max. Format	: 300 X 450 mm
Min. Format	: 70 X 110 mm
Min. Folding	: 18 mm
Output	: 18000 sheets / hr (A4/ single fold/ 60 GSM)
Roller Speed	: 125 m /min
Paper	: 47 GSM to 130 GSM
Power	: 220V, 1ph, 250W



## SUPERFOLD Vacuum Feeder

### Technical Specifications

Folding Trays	: 6 folding pockets, 5 deflectors
Max. Format	: 350 X 600 mm
Min. Format	: 70 X 110 mm
Min. Folding	: 18 mm
Output	: 23000 sheets / hr (A4/ Single Fold/ 60 gsm)
Roller Speed	: 150 m /min
Paper	: 47 gsm to 130 gsm
Paper Type	: Coated and Non-Coated
Power	: 440V, 3ph, 2KW



## SUPERFOLD Pile Feeder

### Technical Specifications

Folding Trays	6 folding pockets + 5 deflectors	6 folding pockets + 5 deflectors
Max. format	350 X 650 mm	450 X 650 mm (Extra length as per requirement)
Min. Format	125 X 150 mm (Single sucker) 210 X 296 mm (Double sucker)	125 X 150 mm (Single sucker) 210 X 296 mm (Double sucker)
Min. folding	18 mm 18 mm	
Roller speed	125 m /min	150 m /min
Paper	40 GSM to 130 GSM	40 GSM to 130 GSM
Paper Type	Bible, Coated and Non-Coated	Bible, Coated and Non-Coated
Power	440V, 3ph, 2.5KW	440V, 3ph, 2.5KW



## SUPERFOLD Outsert Systems

### Technical Specifications

	PGV PF 1618	PGV BFC 415 / 615 THICK FOLD
Folding Trays	16 folding pockets + 15 deflectors	4 / 6 folding pockets + 3 / 5 deflectors
Max. format	457 X 800 mm	300 X 457 mm
Min. Format	210 X 290 mm	35 X 210 mm
Min. folding	25 mm	25 mm
Roller speed	150 m /min	-----
Paper	40 GSM to 130 GSM	-----
Min. panel folding	-----	33 X 33mm
Max. fold thickness	-----	5mm
Power	400V, 3ph, 50hz, 3 KW	220V, 1ph, 50hz, 1 KW



## SUPERFOLD Carton Sorting Machine

### Technical Specifications

One camera for face inspection and one for reverse inspection

Product size max	: 80 mm (width) x 100 mm (length)
Product size min	: 60 X 90 mm
Camera Resolution	: 0.11mm
Speed	: 200 m/min
Dimensions	: Approx 8500 (L) x 1350 (W) x 2000(H) ( Dimensions in mm)
Weight	: 2500 kg
Total Power	: 11 kw (15Hp)



## IPV Proof Check

### Technical Specifications

Maximum Reference/Sample Size Digital (PDF)	: 65 MB (depends on artwork creation process)
Maximum Sample Size Scan (mm)	: 914 x 1050
Time Optimized Inspection	: Yes
Operating System	: Windows 7, Windows 8 or Windows 10, 64 bit
<b>Inspection Modes</b>	
Compare PDF vs. PDF	: Yes
Compare PDF vs. SCAN	: Yes
Multiple Ups	: Yes
Multiple UPs(Different references)	: Yes



## CARTONOVA Leaflet Folding Machine

### Technical Specifications

	CARTONOVA 408	CARTONOVA 608
	4 parallel fold machine (4 folding pockets & 3 deflectors)	6 parallel fold machine (6 folding pockets & 5 deflectors)
Max. Format	210 X 297 mm	210 X 600 mm
Min. Format	60 X 90 mm	60 X 90 mm
Min. Folding length	15 mm	15 mm
Speed	up-to 250 leaflets / min.	250 leaflets / min. 1:1 125 leaflets / min. 2:1
Paper GSM	50 GSM to 130 GSM	40 GSM to 130 GSM
Machine Dimensions	750 X 540 X 450 mm	1176 X 505 X 602 mm



## Variable Data Printing

### Technical Specifications

Max. Format	: 450 X 635 mm
Min. Format	: 210 X 290 mm
Paper	: 47 to 130 GSM
Output	: 18000 Sheets/ Hr ( A4/ Single Fold/ 60 GSM)
Roller speed	: 135 m /min
Power	: 220 V, 1ph, 250 W



## SUPERINSPECT Vision Inspection Solutions

### Technical Specifications

Cameras	: Maximum 4
Resolution	: 60 x 45 mm / 640 x 480 pixel
Light	: White LED lights
Monitor	: LCD TFT touch screen 15"
Inputs and outputs	: Base : 8 inputs and 8 outputs
Interfaces	: Touch screen, ethernet, serial port (rs 232), usb
Measurement Accuracy	: Extreme sensitivity, rotation compensation
Security	: Electronic records and user access FDA 21 CFR part 11 compliant alarms or signals, audit trails



## SUPERMAILER BFG-Series

### Technical Specifications

	BFG - 412	BFG - 415
Max. Format	297 x 210 mm (A4 size)	297 x 210 mm (A4 size)
Output	15,000 sheets per hour	15,000 sheets per hour
Type of Folds	Single fold / 'U' fold / Double fold	Single fold / 'U' fold / Double fold / 'Z' fold
Paper GSM	60 to 90 GSM	60 to 90 GSM
Air Comperes	6 bar 5 CHF (This would be arranged by customer)	6 bar 5 CHF (This would be arranged by customer)
Roller Speed	135 m / min	135 m / min
Power	220 V, 1 ph, 250 W	220 V, 1 ph, 250 W



## Carton Counting Machine

### Technical Specifications

Max Size	: 500 X 600 mm
Min Size	: 210 X 290 mm
Max thick	: 3mm
Min thick	: 0.5mm
Type Pf cartons	: Regular, 3 Ply, 'E' Flute
Batch Counting	: By Pneumatic Kicker
Output	: 15000 to 30000 Sheets per hour
Power	: 220V,1Ph,250W



## Carton Vertical Stacker

### Technical Specifications

Max Size	: 200 X 250 mm
Min Size	: 110 X110 mm
Max thick	: 400 gsm
Min thick	: 210gsm
Type Pf cartons	: Regular, Lock bottom, Interlocking
Output	: Depends on the parent machine speed.
Power	: 220V,1Ph,250





**Pratham**  
TECHNOLOGIES PVT. LTD.

**Mr. Anant V Salvi**

S.No.14, Dhadge Industrial Estate, Nanded Phata,

Off. Sinhagad Road, Pune, Maharashtra - 411041, India

Mobile : +91-9921009976, +91-9921009983, +91-9689887937

Email : [ptpl.international@gmail.com](mailto:ptpl.international@gmail.com)

