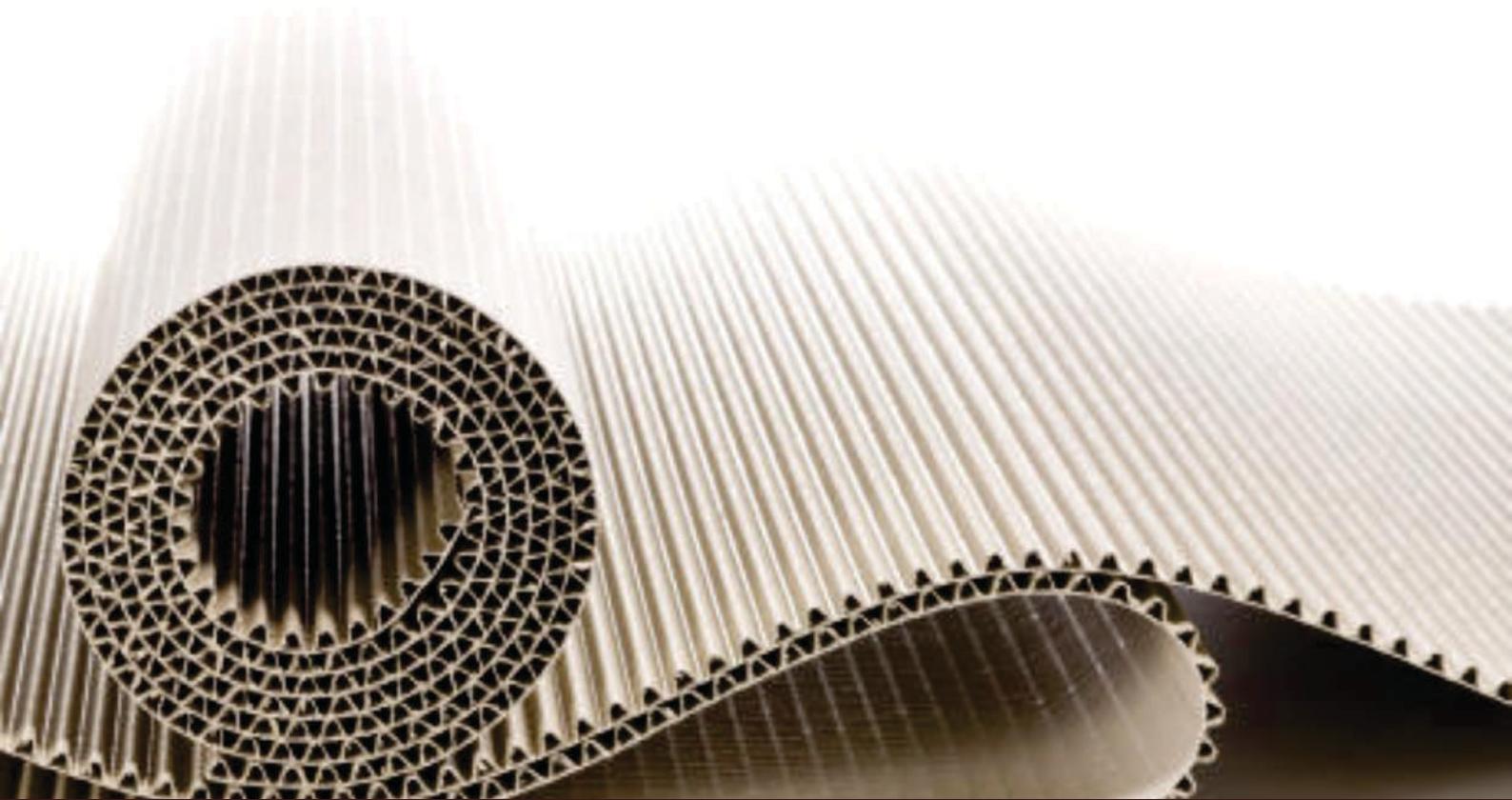




www.natrajindustries.com



CORRUGATED CARDBOARD & BOX MAKING EQUIPMENTS



Natraj

Start & The Progress

Since 1978

The name NATRAJ today is very popular with the corrugated packaging industry, not only in India, but also in many other countries. Natraj is in this packaging machinery manufacturing since 1978. After the move NATRAJ progressed adding more and more equipments for the rapidly expanding corrugated box industry. These were almost always unique machines, build to the specifications of individual box makers.

NATRAJ soon grew as an Exporter for Corrugated Packaging Machinery and achieved distinction of Exporting India's FIRST Corrugated Board and Carton making Plant to West Indies, Mexico and Automatic 3Ply plant to Papua New Guinea.

NATRAJ from the day one emphasize to ensure quality products with Zero Error concept, Realising this fact, NATRAJ got ISO 9001:2008 Certification from URS, United Kingdom.

The growing number of orders and different approaches of each box maker to solving similar problems, gave NATRAJ the opportunity to familiarize and stimulate its incentive genius.

NATRAJ has earned the prestigious National Award for Excellent quality. NATRAJ today is recognised as symbol for quality, performance and excellence. Continued relatively strong dedication to work and its commitment to service, has finally led NATRAJ to emerge as one of the leaders. The Company has established a world wide reputation which is continued to the present.

NATRAJ manufactures the widest and the most comprehensive range of machines from Single Facer to High speed Automatic Paper Corrugated Board making Plant. NATRAJ'S years of experience in close tolerance machining & tight quality control standards eventually led to the company's manufacturing finest corrugated board and carton making equipments. To keep up with increasing modernization of the corrugated Industry, our R &D has been putting great efforts for developing high technology machines in India.

SFV-931B

Vertical Type Single Face Paper Corrugating Machine
(Bearing Mounted)



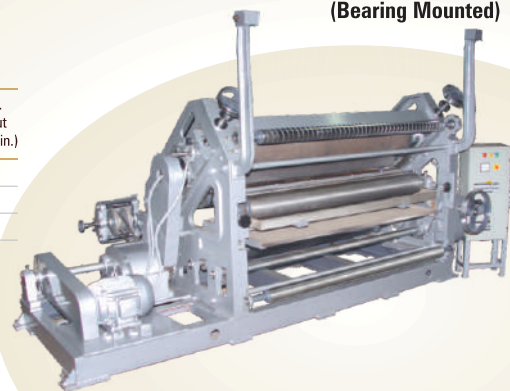
Specification

Size (in inch)	Power (H.P)	Heating Load (KW)	Max. Output (RFT/Min.)
32	3	19	75
42	3	24	75
45	5	27	75
52	5	30	75
62	7.5	36	75

For Manufacturing
2 Ply Corrugated Board

SFO-930B

Oblique Type Single Face Paper Corrugating Machine
(Bearing Mounted)



Specification

Size (in inch)	Power (H.P)	Heating Load (KW)	Max. Output (RFT/Min.)
42	8	32	120
45	8	36	120
52	10.5	40	120
62	10.5	47	120

For Manufacturing
2 Ply Corrugated Board

SFO-930BF

Fingerless Oblique Type Single Face Paper Corrugating Machine
(Bearing Mounted)



Specification

Size (in inch)	Power (H.P)	Heating Load (KW)	Max. Output (RFT/Min.)
42	14.5	31.5	125
45	14.5	34.5	125
52	19.5	40.5	125
55	19.5	43.5	125
62	27	47.5	125
65	27	50.5	125
72	37	53.5	125

For Manufacturing
2 Ply Corrugated Board

SFD-930 BF

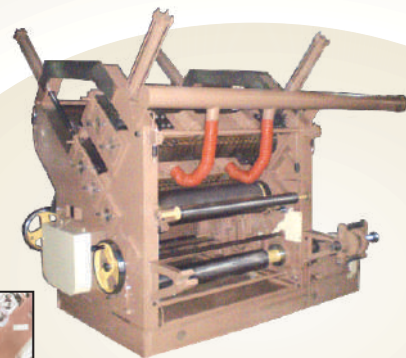
Fingerless Single Face Paper Corrugating Machine with Twin Flute
For Manufacturing 2 Ply Paper Corrugated Board

Specification

Size (in inch)	Heating Load (KW)	Motor (H.P)	Speed (on Steam) (Rft/Min.)	Speed (on electric) Heating/Gas (Rft/Min.)
42	38	18	150	125
45	42	21.5	150	125
52	47	24	150	125
62	55	27	150	125

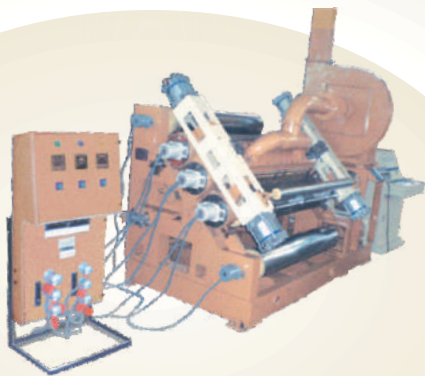


For Manufacturing 2 Ply Paper Corrugated Board



SFO-929F

Fingerless Single Face High Speed
Paper Corrugating Machine



Specification

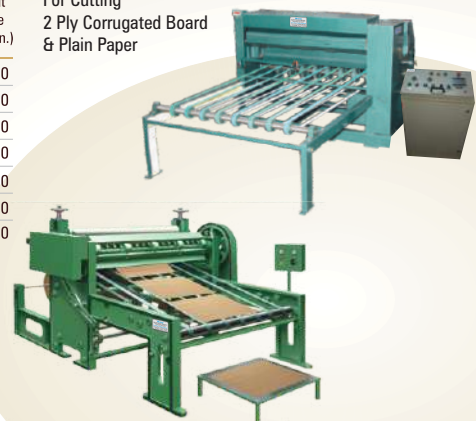
Size (in inch)	Heating Load (KW)	Motor (H.P)	Speed (on Steam) (Rft/Min.)	Speed (on electric) Heating/Gas (Rft/Min.)
42	54	18.5	210	160
45	57	18.5	210	160
52	64	28.5	210	160
62	74	31	210	160

For Manufacturing
2 Ply Paper Corrugated Board

Specification

Size (in inch)	Power (H.P)	Cutting Length Min/Max	Output Range (Rft/Min.)
42	3	20/100	60-200
45	3	20/100	60-200
52	3	20/100	60-200
62	5	20/100	60-200
72	7.5	20/100	60-200
84	7.5	20/100	60-200
95	10	20/100	60-200

For Cutting
2 Ply Corrugated Board
& Plain Paper



SC-220EC

Rotary Sheet Cutter

SC-220G

Rotary Sheet Cutter

SP-102

Sheet Pasting (3 Roller) Machine



Specification

Size (in inch)	Power (H.P)
65	0.5
75	0.5
85	1.0
105	1.5

For making Multiply
Corrugated Board

Specification

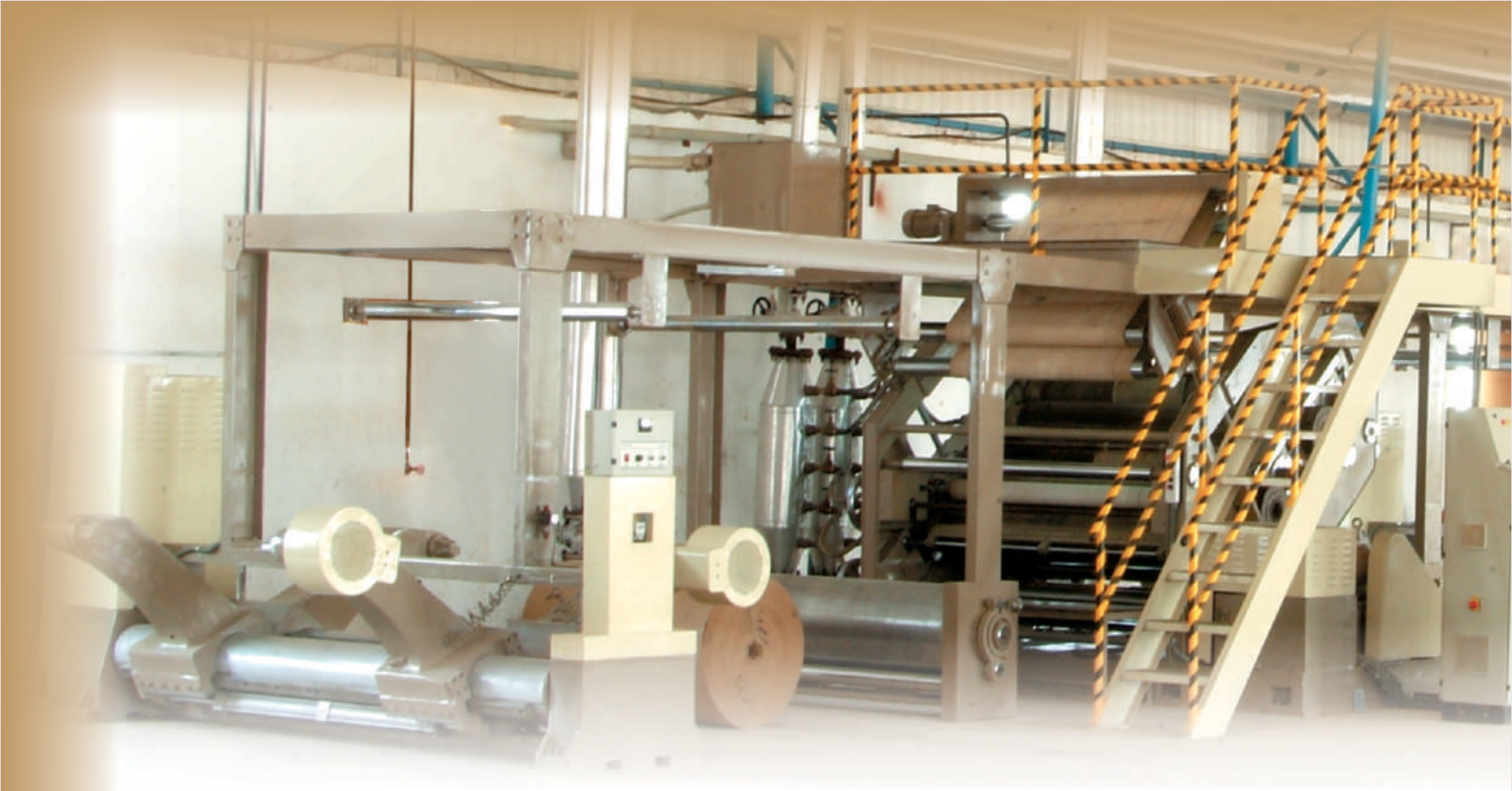
Size (in inch)	Power (H.P)
45	1.0
55	1.0
65	1.0
75	1.0
85	1.0
95	1.5

Specially designed
gum saving model
For Making Multiply
Corrugated Board

SP-104

Sheet Pasting (4 Roller) Machine





3 PLY - 5 PLY - 7 PLY COMBINED CORRUGATED BOARD PLANT

RDC-707

ROTARY DIE CUTTING MACHINE

* Manual chain feeding mechanism for slotting, corner cutting, creasing & perforating of corrugated board.

Specification

MODEL	RDC-1200	RDC-1600
Max. Feeding	2100x1400	2500x1600
Min. Feeding	450x500	450x500
Thickness of Paper	1-11 mm.	1-11 mm.
Passing Speed	30-180	30-180
Power of Main Motor	5.5 KW	7.5 KW



PS-990

AUTOMATIC PRINTER, SLOTTED, SLITTER cum CREASER

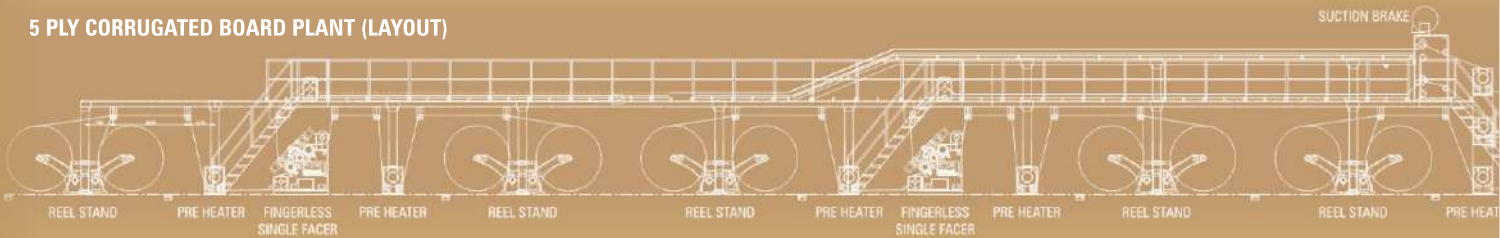
For printing, slotting, creasing & die cutting of board.

Specification

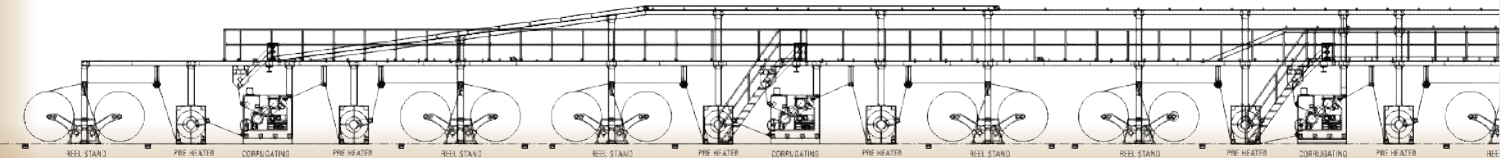
MODEL	PS-990/22	PS-990/25	PS-990/28
Maximum production speed (Piece/min.)	120	120	120
Maximum Feeding paper size (mm)	1300x2200	1300x2500	1700x2800
Minimum Feeding paper (mm)	400	400	500
Printing Precision (mm)	± 0.5	± 1.0	± 0.5
The printing paperboard thickness (mm)	3-11	3-11	3-11
Wall Thickness (mm)	50	50	50



5 PLY CORRUGATED BOARD PLANT (LAYOUT)



7 PLY CORRUGATED BOARD PLANT (LAYOUT)





Our Sophisticated 5-ply automatic corrugated production line consists of hydraulic shaftless reel stands, pre-heaters, fingerless single facers, multi layer overhead bridge, triplex pre-heater, multi layer gluer, double facer, thin blade slitter - scorer, computer controlled cut - off, auto down stacker, glue tanks etc.

This production line has been designed based on overseas advanced technology, customer's requirements and our rich experience of more than thirty five years. It features aesthetic design, easy operation, trouble free working, high production efficiency and excellent board quality.

RTB

THIN BLADE SLITTER & SCORER

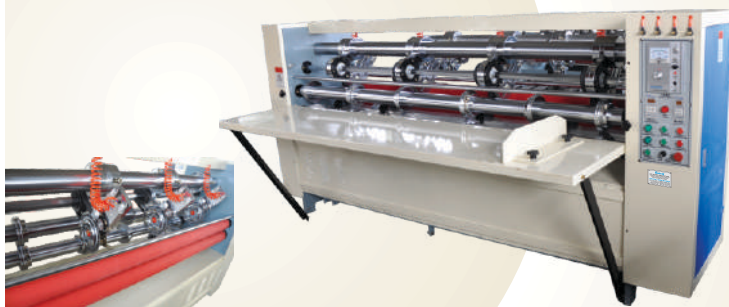
For Slitting, Scoring of Corrugated Board

Specification

MODEL	RTB-2000	RTB-2300	RTB-2500	RTB-2700	RTB-3000
Machine Dimension (mm)	2600x750x1400	2600x750x1400	2600x750x1400	2600x750x1400	2600x750x1400
Power (KW)	4	4	4	4	4
Max. Slitting width (mm)	1800	2100	2300	2500	2800
Min Slitting Width (mm)	140	140	140	140	140
Min Slitting Length (mm)	435	435	435	460	460
Min Scoring width (mm)	80	80	80	80	80
Scoring Height (mm)	0-10	0-10	0-10	0-12	0-12

Blade & Scoring Composed Type

Four blade six Scoring



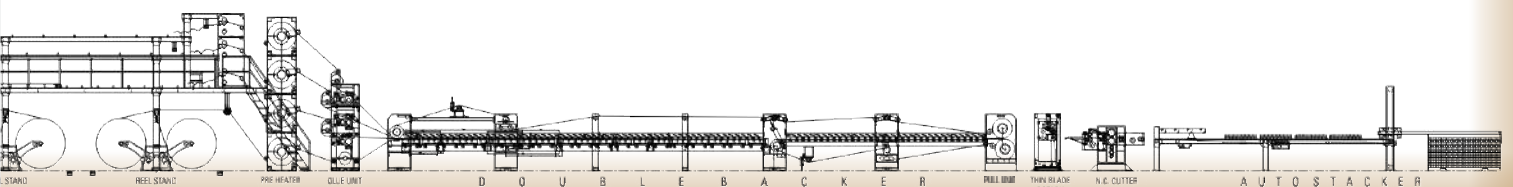
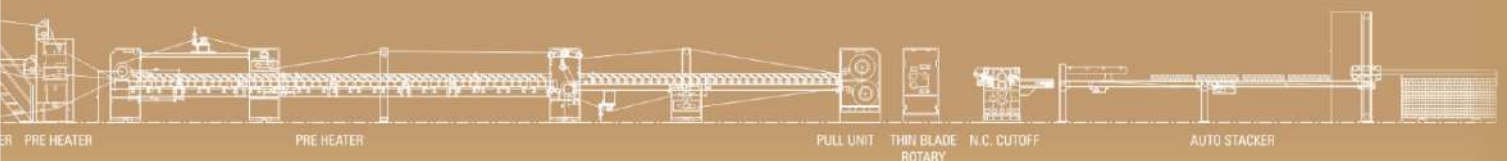
PRS-991

Rs4 WITH PRINTING STATION (Chain Feeder)

For Printing, Slotting, Creasing & Slitting of Corrugated Board

Specification

MODEL	PRS-1450	PRS-1650
Maximum Processing Speed (Piece/per min.)	0-60	0-40
Max. size of Paperboard	1400x2400	1600x2400
Max. Printing Area	1350x2300	1550x2300
Min. size of paperboard	400x700	500x700
Slotting Width	7	7
Adoptable thickness of Paperboard	3-11	3-11
Slotting Width	7	7



RCC-800

4-Bar Rotary Cutting & Creasing Machine



Specification

Size (in inch)	Power (H.P)	Sheet Size Fed Min/Max (in inch)
65	1.5	15/65
75	1.5	15/75
85	2.0	15/85
95	3.0	15/95
105	3.0	15/105

For Slitting Creasing
& Trimming
Corrugated Board

SPR-200

Sheet Pressing Machine



Hydraulic power Pack
operated Model also
available

Specification

Size (in inch)	Power (H.P)
65 x 75	2
65 x 85	2
65 x 105	3

For Pressing
Corrugated Board

PP-2001

Single Colour Kraft Paper Printing Machine



Specification

Max. Print Size (in inch)	Power 1 col./2 col. (H.P)
42x72	2/5
52x72	2/5
62x84	3/7.5

For printing of
Kraft Paper &
Corrugated Board

Specification

Size (in inch)	Power (H.P)	Slot Depth Max. (in inch)	Max. Width sheet
24	1.0	6	24

For making
partition for
Corrugated Boxes



PS-600

Partition Slotter

BC-001

Board Cutting Machine



Specification

Size (in inch)	Cutting Length (in inch)
42x65	45
52x75	55
62x85	64

For Cutting
Corrugated Board
& Plain Paper

Specification

Size (in inch)	Power (H.P)	Slot Depth Max. (in inch)	Max. Width sheet (in inch)
36	2.0	7.5	18x35

For Making partition for
Corrugated Boxes
with Automatic feeder.



PS-601

Automatic Partition Slotter

ES-500

Eccentric Slotter



Specification

Size (in inch)	Power (H.P)	Slot Depth Max. (in inch)
65	2	14
75	3	17
85	5	17
95	5	17
105	7.5	21

For Slotting &
Corner Cutting of
Corrugated Board

Specification

Size (in inch)	Power (H.P)	Impression Per Hr.
24x34	3.0	2000
29x40	5.0	1800
35x45	5.0	1500
45x65	10	850
52x72	10	900
55x86	15	900

For Creasing &
Punching Card Board
& Corrugated Board



DC-1000

Heavy duty punching & Embossing Press

SBS

Semi Automatic Box Stitching Machine

Specification

Speed	500 Stitches/min.
Width	2600mm
Length	2800mm
Power	4 HP
Weight	2000 kg
Number of Stitching	1-99
Stitching pitch	30 - 120 mm



DP-129

Double Pin Box Stitching Machine

Specification

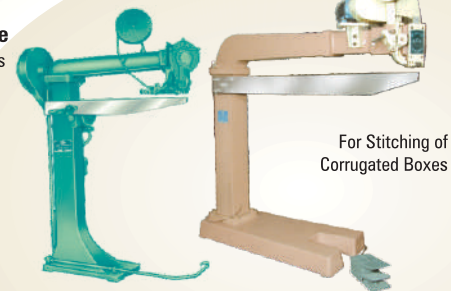
Size (in inch)	Power (H.P)	Speed Stitch/ Min.
66	1	325x2
72	1	325x2

SM-125

Angular Stitching Machine For Stitching of Corrugated Boxes

Specification

Size (in inch)	Power (H.P)	Speed Stitch/ Min.
36	0.5	300
42	0.5	300
48	0.5	300
62	0.5	300



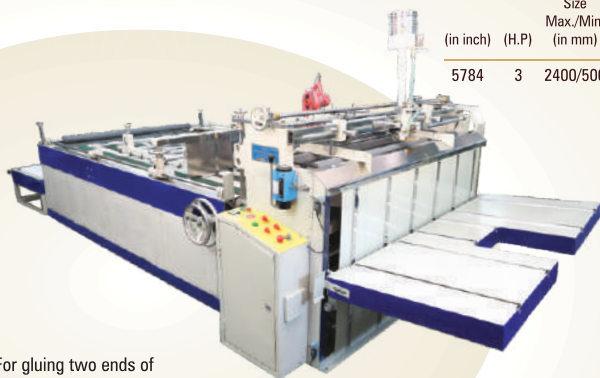
For Stitching of
Corrugated Boxes

SAG-001

Semi Auto Gluing Machine

Specification

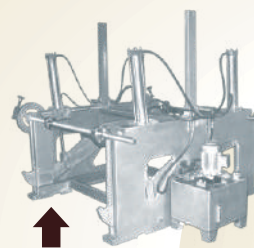
Size (in inch)	Power (H.P)	Paper Size Max./Min. (in mm)	Max. Output (RFT/Min.)
5784	3	2400/500	25



For gluing two ends of
corrugated Board to Form abox

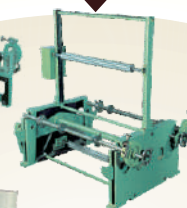
RS-101

Reel Stand Manual Loading



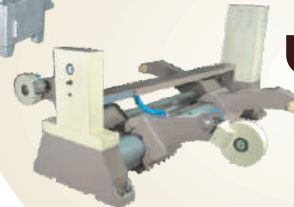
RS-105

Reel Stand Hydraulic Self Loading



RS-106

Reel Stand Hydraulic For Jumbo reels.



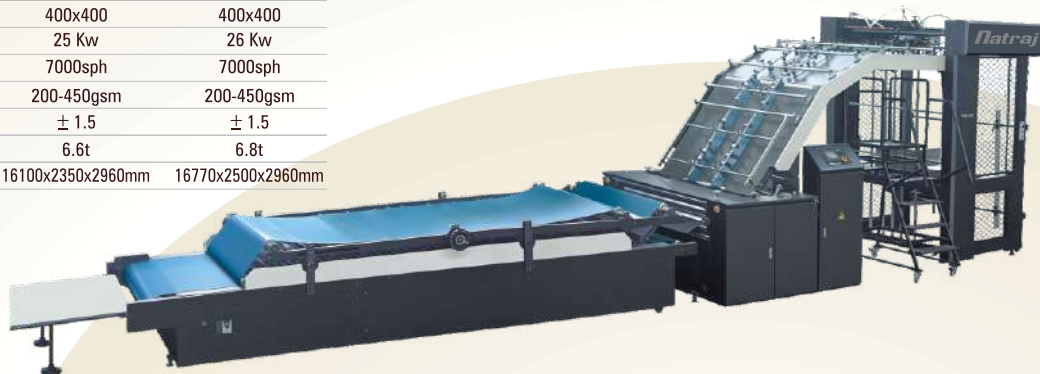
RS-107

Reel Stand Shaftless Hydraulic

Specification

MODEL	FMZ-1300	FMZ-1480	FMZ-1650
Max. sheet size	1300x1300	1480x1300	1650x1650
Min. sheet size	400x400	400x400	400x400
Power consumption	19 Kw	25 Kw	26 Kw
Max. Speed	7000sph	7000sph	7000sph
Weight of top Paperboard	200-450gsm	200-450gsm	200-450gsm
Laminating tolerance	± 1.5	± 1.5	± 1.5
Weight	6.3t	6.6t	6.8t
Overall Dimensions	15400x2150x2960mm	16100x2350x2960mm	16770x2500x2960mm

FULLY AUTOMATIC FLUTE LAMINATING MACHINE



FGS

AUTOMATIC FOLDER GLUER CUM STITCHER

Specification

MODEL	FGS-2600 A
Installation Area	3500x1600
Power Required	23Kw
Max. Cardboard	900x2600 mm
Min. Cardboard	300x850 mm





A member of **ICPMA**



CORRUGATED CARDBOARD & BOX MAKING EQUIPMENTS

Manufacturers & Exporters

NATRAJ INDUSTRIES

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The technical data and illustrations mentioned, are not binding & require confirmation at the time of placing order.