



Inline Flexo Folder Gluer

Jumbo Series

66" x 118" Through 89" x 216"



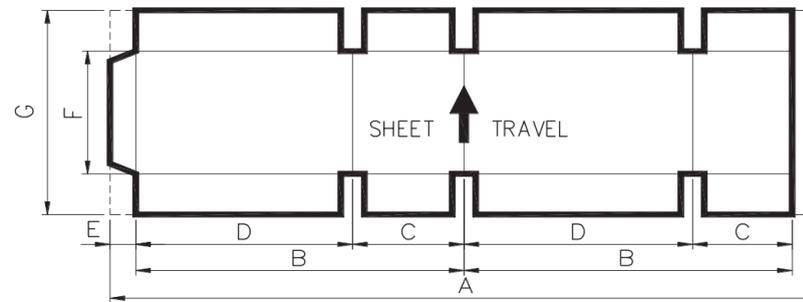
LATITUDE MACHINERY CORP.

QUALITY | PERFORMANCE | VALUE

P1600 Series Model Specifications

Available as Die Cutter,
Printer Slotter, or Folder Gluer

MODEL NO.		P1630-FFG	P1635-FFG	P1640-FFG
	▶ MACHINE SIZE	INCH 66" x 118"	66" x 137"	66" x 157"
A	▶ SHEET LENGTH	MAX. 118.11" MIN. 31.10" (51.18")	137.79" 31.10" (51.18")	157.48" 31.10" (51.18")
B	▶ TWO PANELS	MAX. 56.29" MIN. 12.79" (22.83")	66.14" 12.79" (22.83")	75.98" 12.79" (22.83")
C	▶ SMALL PANEL	MAX. 46.45" MIN. 2.95" (7.08")	56.29" 2.95" (7.08")	66.14" 2.95" (7.08")
D	▶ LARGE PANEL	MAX. 53.34" MIN. 9.84" (15.74")	63.18" 9.84" (15.74")	73.03" 9.84" (15.74")
C+D	▶ DISTANCE BETWEEN FOLDING BEAMS	MIN. 22.83"	22.83"	22.83"
E	▶ GLUE LAP WIDTH	MAX. 2.75"	2.75"	2.75"
F	▶ BOX HEIGHT	MIN. 1.96" (3.54")	1.96" (3.54")	1.96" (3.54")
G	▶ SHEET WIDTH (STANDARD REGULAR FEED)	MAX. 60.70" MIN. 18.89"	60.70" 18.89"	60.70" 18.89"
G	▶ SHEET WIDTH (SKIP FEED)	MAX. 78.74"	78.74"	78.74"
	▶ PRINTING AREA	MAX. 59.05" x 114.17"	59.05" x 113.85"	59.05" x 153.54"
	▶ DIE CUTTING AREA	MAX. 59.05" x 114.17"	59.05" x 113.85"	59.05" x 153.54"
	▶ NON-FOLD SHEET	MAX. 90.55"	110.23"	129.92"
	▶ SQUARE BOX	MAX. 28.14" MIN. 15.74"	33.07" 15.74"	37.99" 15.74"
	▶ MAXIMUM MACHINE SPEED (SHEET / MIN)	150	150	120
	▶ BOARD CALIPER	MAX. 0.39" MIN. 0.063"	0.39" 0.063"	0.39" 0.063"

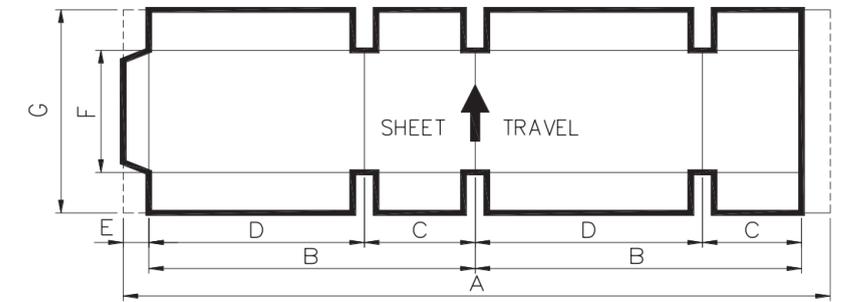


() For Folder Gluer size
 * Required power and weight may change depending on configuration (shown 3-color FFG with diecutter).
 * The maximum production speed varies according to the types of boxes processed.

P2200 Series Model Specifications

Available as Die Cutter,
Printer Slotter, or Folder Gluer

MODEL NO.		P2242	P2248	P2252	P2255
	▶ MACHINE SIZE	INCH 89" x 165"	89" x 188"	89" x 204"	89" x 216"
A	▶ SHEET LENGTH	MAX. 165.35" MIN. 51.96"	188.97" 51.96"	204.72" 51.96"	216.53" 51.96"
B	▶ TWO PANELS	MAX. 78.74" MIN. 22.04"	90.55" 22.04"	98.42" 22.04"	104.33" 22.04"
C	▶ SMALL PANEL	MAX. 63.77" MIN. 5.90"	75.59" 5.90"	83.46" 5.90"	89.37" 5.90"
D	▶ LARGE PANEL	MAX. 71.65" MIN. 13.77"	83.46" 13.77"	91.33" 13.77"	97.24" 13.77"
C+D	▶ DISTANCE BETWEEN FOLDING BEAMS	MIN. 20.47"	20.47"	20.47"	20.47"
E	▶ GLUE LAP WIDTH	MAX. 3.93"	3.93"	3.93"	3.93"
F	▶ BOX HEIGHT	MIN. 0 (3.54")	0 (3.54")	0 (3.54")	0 (3.54")
G	▶ SHEET WIDTH (STANDARD REGULAR FEED)	MAX. 82.36" MIN. 25.59"	82.36" 25.59"	82.36" 25.59"	82.36" 25.59"
G	▶ SHEET WIDTH (SKIP FEED)	MAX. 98.42" (82.36" Skip Feed Mode Must Be Used)	98.42" (82.36" Skip Feed Mode Must Be Used)	98.42" (82.36" Skip Feed Mode Must Be Used)	98.42" (82.36" Skip Feed Mode Must Be Used)
	▶ PRINTING AREA	MAX. 82.67" x 161.41"	82.67" x 185.03"	82.67" x 200.78"	82.67" x 212.59"
	▶ DIE CUTTING AREA	MAX. 82.67" x 161.41"	82.67" x 185.03"	82.67" x 200.78"	82.67" x 212.59"
	▶ NON-FOLD SHEET	MAX. 137.79"	157.48"	177.16"	188.97"
	▶ SQUARE BOX	MAX. 39.37" MIN. 18.11"	45.27" 18.11"	49.21" 18.11"	52.16" 18.11"
	▶ MAXIMUM MACHINE SPEED (SHEET / MIN)	100	100	100	100
	▶ BOARD CALIPER	MAX. 0.59" MIN. 0.063"	0.59" 0.063"	0.59" 0.063"	0.59" 0.063"



* Metric measurement is the default specifications.
 * LMC reserves the right to change specifications without notice.



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Jumbo Series - P1600 / P2200

Improve Uptime - Reduce Set Up Time - Eliminate Downtime



The content in this document was sourced from Latitude Machinery Corporation and repurposed by its North America and Central America sales and service representative, SUN Automation Group. Revised July 2021



A Feeding Section

- SUN Designed Lead Edge Feeder with SUN Transmission
- 3 Wheel Shafts or 4 Wheel Shafts Depends on Model
- Motorized Pull Roll Board Caliper, Backstop, Side Guides and Feed Gates Adjustment
- Frequency Inverter Drive for Variable Vacuum Control
- Auto-Zero for Automatic Machine Timing with One-Push Button

C Pre-Crease Section

- Computer Controlled and Motorized PreCreaser Heads Nip Adjustment
- Computer Controlled and Motorized Lateral Head Adjustment by Yokes / Anti-Backlash Nuts
- Two Piece Spring Loaded Bronze Block Yoke Guides
- Solid Universal Shafts with Gearboxes Synchronize the Linear Bearing Positioning of the Upper and Lower Heads

B Print Section

- Motorized Register Adjustment through Planetary Gear System and Ringfeeders
- Automatic Washup
- Option SUN ColorMaster or Absolute Doctor Blade System
- Laser Engraved Ceramic Anilox Roll

D Dual Slot / Score Section

- Moveable Center Slot Head
- Computer Set Up and PLC / Motorized Control of Trail, Lead and Score Head Board Caliper and Lateral Adjustments
- Solid Universal Shafts with Gearboxes Synchronize the Linear Bearing Positioning of the Upper and Lower Heads
- Available with Dual Slotters for 2 Up Operation

E Die-Cut Section

- Anvil Cylinder Speed Synchronization with Die Mount Cylinder
- Independent Anvil Cylinder Drive for Compensating Die Cut Accuracy
- Anvil Trimmer for Maximum Anvil Covers Life
- Elevated Die Board Mounting Operator Platform with Safety Rail

F Folder Gluer

- Folder Guide Wheels to Control Manufacturing Joint Gap
- Accurate Folding Using Multiple Guides and Belts Which Control the Panel During the Process
- Extended Vacuum Area Ensures Sheet Stability Throughout Folding Section
- Independent Speed Control of each Lower Folding Belt by AC Motor / Drive
- Valco Glue System



- PLC Control / Motorized Operation of all Machine Axes
- No Pit - All Machine Sections Open for Maintenance / Service
- Operator Friendly / Computer Controlled Machine Axes allows Next Order Set Up while Running

G Counter Ejector

- Top Loading Squaring Hopper Ensures Accurate Bundle Count
- Motorized Back Stop In / Out (Depth) Adjustment with Digital Display on Squaring Unit
- Motorized Bundle Squaring Plate
- Bundle Delivery Belt Conveyor and Compression Conveyor
- Zero Feed Interrupt Stack Change
- Straight or Side Discharged Load Ejection
- Dunnage and / or Pallet Inserter

H Control

- Windows 10 or Latest Version Software Based LMC Computer Control System Sets All Nips and Box Dimension with "Order Manager" for Easy Next Order Pre-Setting of All Axes
- Distributed Control System with HMI Touch Screen Diagnostic Display on Each Section
- Ethernet for Online Support