

ENGINEERING THE IMPOSSIBLE

PACK-SMART HIGH SPEED LABEL APPLICATOR

SPEED. VERSATILITY. EFFICIENCY.



WWW.PACKSMARTINC.COM
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111C SNIDERCROFT RD.
CONCORD, ON L4K 2J8 CANADA



PACK-SMART INC.

HIGH SPEED LABEL APPLICATOR

SPEED. VERSATILITY. EFFICIENCY.

The Pack-Smart High Speed Label Applicator easily, and efficiently applies a wide range of label types with unprecedented speed and accuracy. The Pack-Smart Label Applicator is capable of run speeds up to 250 p.p.m. while maintaining accuracy up to $\pm 1/32$ ". It incorporates two sensors, one to detect the presence of an oncoming carrier and one to verify the presence of a label. The height of the brush assembly at the bottom of the labeller is adjusted according to the carrier/card thickness. The brush itself applies light pressure to the label to ensure adherence.

By combining our proprietary engineering designs with brushless servo technology our Pack-Smart Label Applicators require minimal maintenance in full-time manufacturing settings. Progressive features include an Electronic Gearing Module which permits product surface cam profiling, ensuring smooth application without blisters or wrinkles, even with mini labels.

PACK-SMART HIGH SPEED LABEL APPLICATOR

EQUIPPED WITH SCRATCH-OFF LABELS



BELT SPEEDS UP TO 250
APPLICATIONS PER MINUTE



CAPABLE OF APPLYING A WIDE
VARIETY OF MATERIALS



24/7 PRODUCT SETTING CAPABILITIES
WITH MINIMAL MAINTENANCE

Materials Handled

RFID	Sensormatic	Double sided tape	Post-it
Checkpoint	Magnetic stripe	Scratch off	Velcro
Pressure sensitive	Miniatures	Multi-component	Foam polygon hubs
Piggyback	Spider hubs	Scented labels	Glue dots



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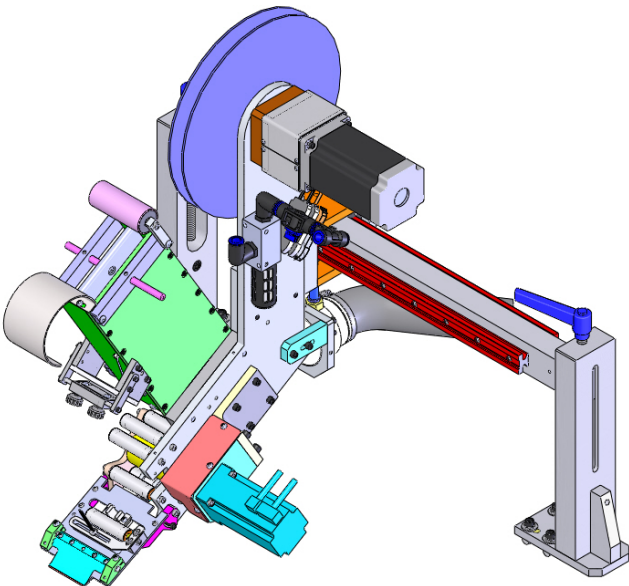
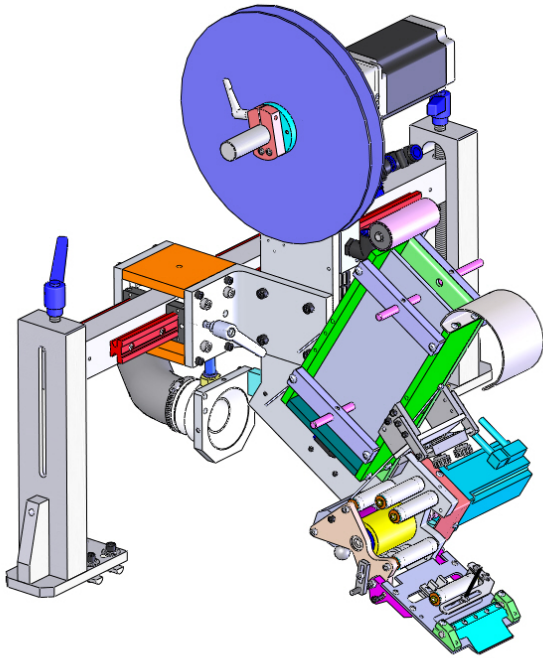
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MODULE SPECIFICATIONS

PACK-SMART HIGH SPEED LABEL APPLICATOR



Physical Dimensions	Metric	Imperial
Weight	50kg	110.2lb
Width	500mm	19.7"
Length	900mm	35.4"
Height	700mm	27.6"
Core Size	76.2mm	3"
Roll OD	305mm	22"

Product Requirements	mm.	in.
Minimum Web Width	5mm	0.2"
Maximum Web Width	70mm	2.76"
Minimum Label Length	10mm	0.4"
Maximum Product Gauge	6.35mm	0.25"
Minimum Label Gap	3.8mm	0.15"
Minimum Gap Between Web and Label (on each side)	3.175mm	0.125"

Speed Range
Maximum: 400fprm (15,000 u.p.m)
Maximum Dispense Speed: 10,00cm of web per minute

Placement Accuracy
Accuracy: +- 0.4mm +- 1/32"

Power
Voltage: 220 Volts AC
Consumption: 12 AMP
Motor Size: 1.5hp

Compressed Air
Air Pressure: 100 psi
Air Consumption: 2 cfm



FEATURES AND BENEFITS

PACK-SMART HIGH SPEED LABEL APPLICATOR



- Up to 250 products per minute
- Up to 2,000' (50.8 m) of web per minute with high-capacity unwind



- State of the art fibre Optic sensors
- Brushless Servo drive for exact cycling
- 4" HMI Touch Screen



- Precision at high speeds
- Placement accuracy up to 1/32" or +-0.4mm



- Capable of handling a wide variety of label materials.
- Manual & automatic modes



- Designed for 24/7 operation.
- Minimal maintenance required
- Encoder and sensor kit



- Missing product detection
- Product registration sensor



- Hand crafted Aerospace grade aluminum components
- Universal mounting assembly



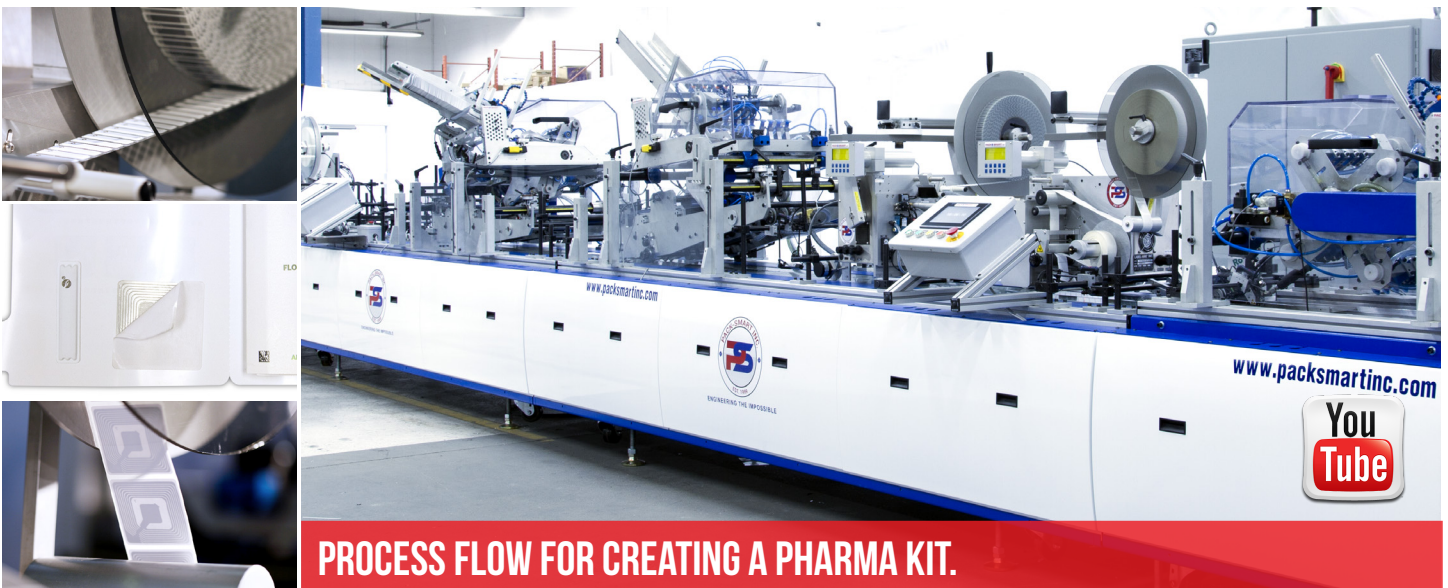
- Electronic Gearing Module
- Electronic speed synchronization



SYSTEM 1897: PHARMA KITTING

CHECK US OUT ON YOUTUBE!

System 1897 featured **3** PS Label Applicators handling **3** different materials; RFID labels, checkpoint tags, and wafer seals. To learn more click on the link ["Pack-Smart Pharma Process Flow"](#).



PROCESS FLOW FOR CREATING A PHARMA KIT.



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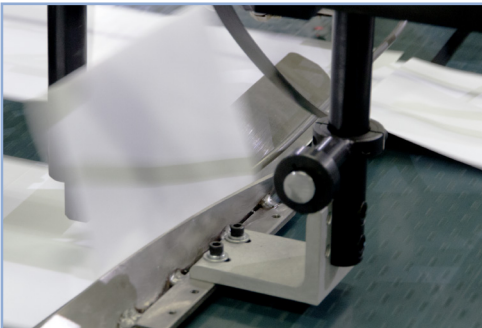


AVAILABLE OPTIONS AND ADDITIONAL MODULES

AVAILABLE OPTIONS

- Cross Core jumbo roll integration
- Upgrade to Print and Apply
- Vacuum box
- High-Capacity unwind

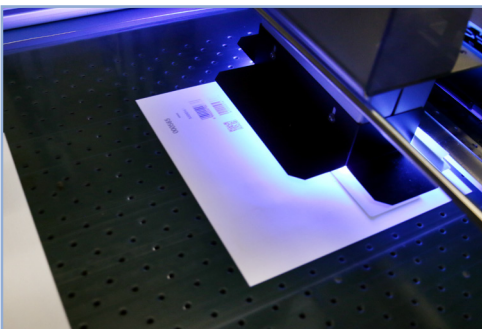
ADDITIONAL MODULES



PLOW FOLD AND VACUUM TRANSPORT

VACUUM TRANSPORT AND FOLDING

Pack-Smart's Vacuum Transport Bases are industry recognized for vertical belt deflection of less than 1 mm and stability in high-speed transport applications where mag encoding, hi-resolution inkjet, folding and accurate object placement is a requirement. Our transport bases come with a perforated belt and four selectable vacuum zones for maintaining product stability. Combined with Pack-Smart's modular folding solutions our systems offer versatility in folding numerous products in multiple directions without altering product orientation. Our modular folding attachments are designed to perform plow folding as well as front and back folding of product.



DOD INK JET AND DATA CONTROLLER

DOD INK JET AND DATA CONTROLLER

Pack-Smart's data and inkjet control module is a real-time, very compact, Windows 7, PC based controller designed for advanced data tracking and personalization. Data management functionality enables the read/lookup/verification, corresponding print on demand and tracking functionality on the production line.



DIVERT GATE

DIVERT GATE

Our systems are equipped with the ability to perform multiple forms of compliance and quality assurance checks on product as different processes are performed on our line. Our divert module physically removes product from the line and in addition our on-board intelligence system monitors, audits and logs all diverted product. All diverted product is secured in a locked divert bin for later analysis and reconciliation.



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GENERAL TOLERANCES	PART DETAILS	ENGINEERING
DIMENSIONS ARE	MATERIAL	