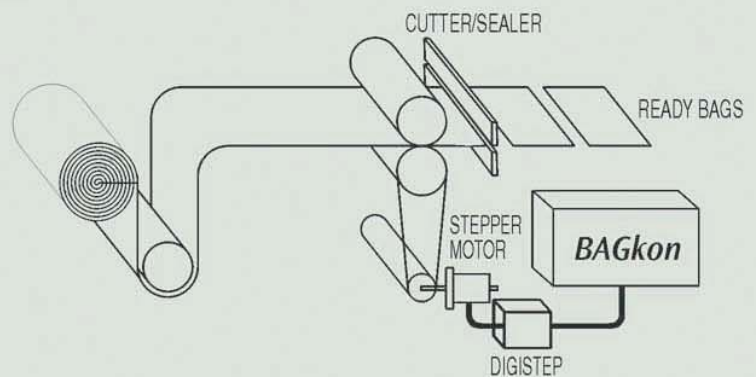


BAGkon

Controller for Bag Making M/c

SMotionX Series

Streamline controls Pvt. Ltd.		Approved By
Doc. No.	RD-720-03-02	
Rev. No.	0	
Rev. Date	1/9/04	



BAGkon

Controller for Bag Making M/c - SMotionX Series

BAGkon is multifunctional controller incorporating microcontroller, making it most versatile and cost effective solution optimally in combination with DIGISTEP DC Stepper drive designed to best suit the automation needs of Plastic Bag Making machines.

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Features

Technology	Control : Indigenous Micro-controller based state of art equivalent technology Memory : Highly reliable E2PROM for data retention Inputs / outputs : Protected using Opto isolation Power Supply : Efficient SMPS to withstand voltage variations
Economy	Economical compared to parallel or conventional products
Reliability	Proven through five years of reliable Operations
Size	Very Compact hence effective space utilization
Productivity	Reduces electro-mechanical maintenance / down time of the machine hence ensures better productivity
Quality	Precise size control hence best quality of bags is achieved
Installation	Easy one to one wiring for all Inputs / Outputs hence both time & cost effective installation
Inputs	Start : Starts running of stepper motor Error : Limits maximum speed of main drive at given length Batch reset : Resets the batch counter Mark : High Speed input helps precise positioning in case of printed bag <ul style="list-style-type: none">• On / Off Facility to facilitate both printed & plain bags• Programmable window to decide the active span over length of a bag Inching : Moves stepper motor in manual mode Over temperature : Stops running of stepper drive & generates error
Outputs	Cut / Seal / punch : Operates after running of stepper drive is over Error : Operates on error Count Over : Operates on batch counter overflow Mode : Turns on in auto mode
Timers	Eight (00.00 to 99.99 Sec.)
Counters	Batching : 4 digit programmable - helps batching of bags Cutter : 2 digit programmable helps staggered cutting Missing Mark : 2 digit programmable - Decides tolerance in no. of bags with mark missing Totalizer : 6 digit - counts total no. of bags
Errors	Mark Sensor : Missing mark out of tolerance High Speed : Higher main drive speed is given length Temperature : High temperature at sealer
Control	Fully programable speed profile accel/deccel time, start-peak-end speeds

Optional features	Upto 25 nos. of memory to store parameters of different jobs
User Interface	20x2 LCD display / 12 keys keypad
Testing & troubleshooting	Indications at various levels and extensive test mode for easy debugging.
After sales service	Seldom required / Immediate replacement in worst case of failure

Variants

MODEL	INTERFACE	MAXIMUM OUTPUT FREQUENCY
BAGkon	RS 485 to drive any DIGISTEP Drive	10 kHz
BAGkon-Ex	CLK / Dir / Enable to Drive any other Drive	10 kHz
BAGkon-ExS	CLK / Dir / Enable to Control Servo Drive	20 kHz

Specifications

Input :

Power	: 24 Vdc, 10 VA max.
Control	:
Digital input	: 10-30 Vdc/30 mA, NPN/NO

Output :

Control	:
Digital output	: Open collector 24 Vdc/30 mA max

Environment :

Temperature	: 0 - 50 °C
Humidity	: 5 - 95 % Rh, Non Condensing
Dimension	: 192mm (L) x 96mm (W) x 100mm (D)

Customer Care

Ahmedabad	: 079 - 7454033
Mumbai	: 022 - 28698913

Thanks to continuous innovation - Product specifications are subject to change.

Manufactured By :



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Automation... Productivity through Technology...