

Model GPS-10N
GPS-10D

HORIZONTAL WRAPPING SYSTEM

(Geometric Packaging System)

The GPS-10 geometric packaging systems provide high-efficiency solutions for multi-item kit packaging. They feature a geometrically-shaped forming plate that eliminates the need for a forming box, reducing set-up and overcoming a major catch point problem area. The film is fed from a powered unwind stand, over the forming plate, to make a film tube. The sealed tube is formed around the product, which then carries the product into the crimper sections.

Each system has key operating features that offer versatility for the specific application:

- The GPS-10N provides full networking capability, with a fast Ethernet interface using TCP/IP for plant networking, remote monitoring and maintenance, and total synchronization of machine functions and auxiliary machine operation.
- The GPS-10D, with dedicated cut-off length, delivers great efficiency for high volume applications.

The GPS-10 conveyor incorporates a special V-shaped bottom on which the product(s) to be wrapped are placed. Soft items can be pushed without jamming, and loose pieces are accommodated with ease. The V-shaped pushers carry product the length of the conveyor, and place them onto the film. All GPS-10 geometric packaging systems feature a Master Motion Controller that synchronizes and controls the wrapping functions with high precision. Fully integrated, multi-axis, servo systems are controlled from a user-friendly touch-screen control panel.



Exclusive Features:

- Ethernet networking
- Speeds approaching 240 cycles per minute
- Geometric forming, no forming box required
- Programmable film draw for precision tension control
- Easy adjustment for crimper
- Web break detection
- Small footprint



GEORGE GORDON ASSOCIATES, INC.

COMPREHENSIVE PACKAGING SYSTEMS



Model GPS-10N/GPS-10D

HORIZONTAL WRAPPING SYSTEM

Models:

GPS-10N

- Ethernet networking capability
- Servo controller for dwell and control adjustments

GPS-10D

- Dedicated cut-off length

Features:

- Infeed conveyor with extruded trough
- Geometric forming plate for easy web set-up with control
- Powered, tension-controlled, film unwind system
- Adjustable pressure setting for fin wheels
- Precision head for crimping and cutting
- Adjustable gap setting for crimpers
- Shimless head and knife adjustments
- Heater control auto tuning
- Thermocouple fault indicator
- Double E-stop, one on panel, one remote
- Servo controller (GPS-10N, with network capability)

Options:

- Electrically adjustable cut-off length
- Single or double unwind
- Choice of conveyor length
- Application customizing

Technical Data

Electrical: 230 VAC, three-phase, 50 Hz

Current: Approximately 40 Amps

Compressed Air: 1 cfm @ 80 PSIG

Production: 60 up to 240 cycles per minute

Package Size: 2" to 3" in width by 5" to 12" in length

Web Width: Up to 8"

George Gordon Associates, Inc.

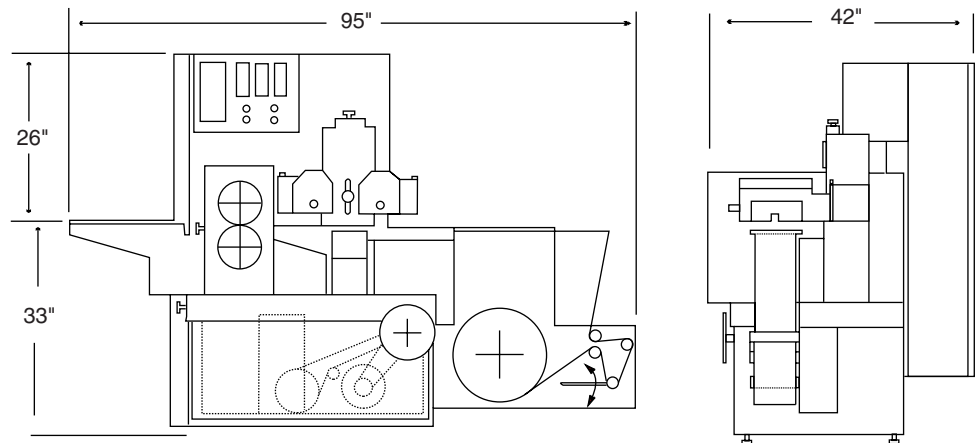
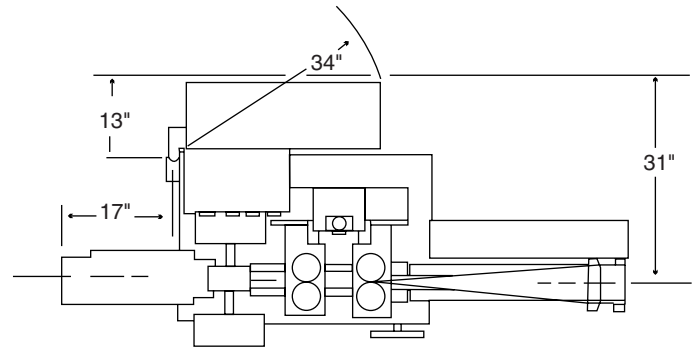
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Order Number

GPS-XXX-XX-XXX-XXXXX

GPS: Geometric Packaging System

-10N: Servo controlled 5" to 12" cut-off

-10D: Dedicated 10" cut-off

-S0: Single unwind

-D0: Double unwind

-SP: Single unwind polypropylene

-DP: Double unwind polypropylene

-MP: Mechanical fin wheels

-EP: Electronic fin wheels

-EPR: EP plus regular film

-SP: Servo controlled fin wheels

-MC: Mechanical conveyor

-WC: Wide conveyor

-SC: Servo conveyor

L: With line shaft on conveyor

0: Without line shaft on conveyor

5: Number indicates total length

R: Registration

S: FDA-Grade materials