



Simply **EASY!**

PRESSURE SENSITIVE LABEL APPLICATOR

SynerG XP series

**DR OLS
DIGITAL ORIENTATION LABELING**

The SynerG DR OLS labeler is a high-end, servo-driven labeling system providing accurate label orientation to container based on vision technology. It orients the product as required for labeling and takes a picture. The servo controlled orientation module automatically positions the container for labeling according to the reference picture. Split-second orientation and highly accurate wrap labeling are the main features of this system. Setup recipes are given names and recalled from the operator touch screen. Variables such as speeds, label lengths and product lengths are automatically adjusted without moving sensors.

CONSTRUCTION

- Servo-motor labelers
- No proprietary electronics or microprocessors – components available worldwide
- Servo- motors on all motorized assemblies
- Robust Stainless steel & high grade anodized aluminum construction
- Precision gradient scales on all adjustments: displayed in setup recipes
- User friendly color-evident anodized adjustments
- Tool-less changeovers
- Conveyor with side guides: 4" wide x 120" long x 38" high. Height adjustability of +/- 1"
- Top hold down module, digitally synchronized to conveyor
- Wrap station with heavy-duty PVC covered polyester belts

CONTROL

- Programmable servo-controller (open architecture internal network)
- Standard 5.7" touch screen interface on pole mount
- On-screen diagnostics and speed controls
- Automatic missing label compensation/label length detection
- True scalable setting memorization for 50 set-up recipes
- Complete encoded synchronization
- Status lamp tower with alarm
- Production quantity counter alert
- Digitally controlled gap and product sensors – never physically move the sensors again
- Cognex camera with high-end lens (and lighting provide reference)

PERFORMANCE

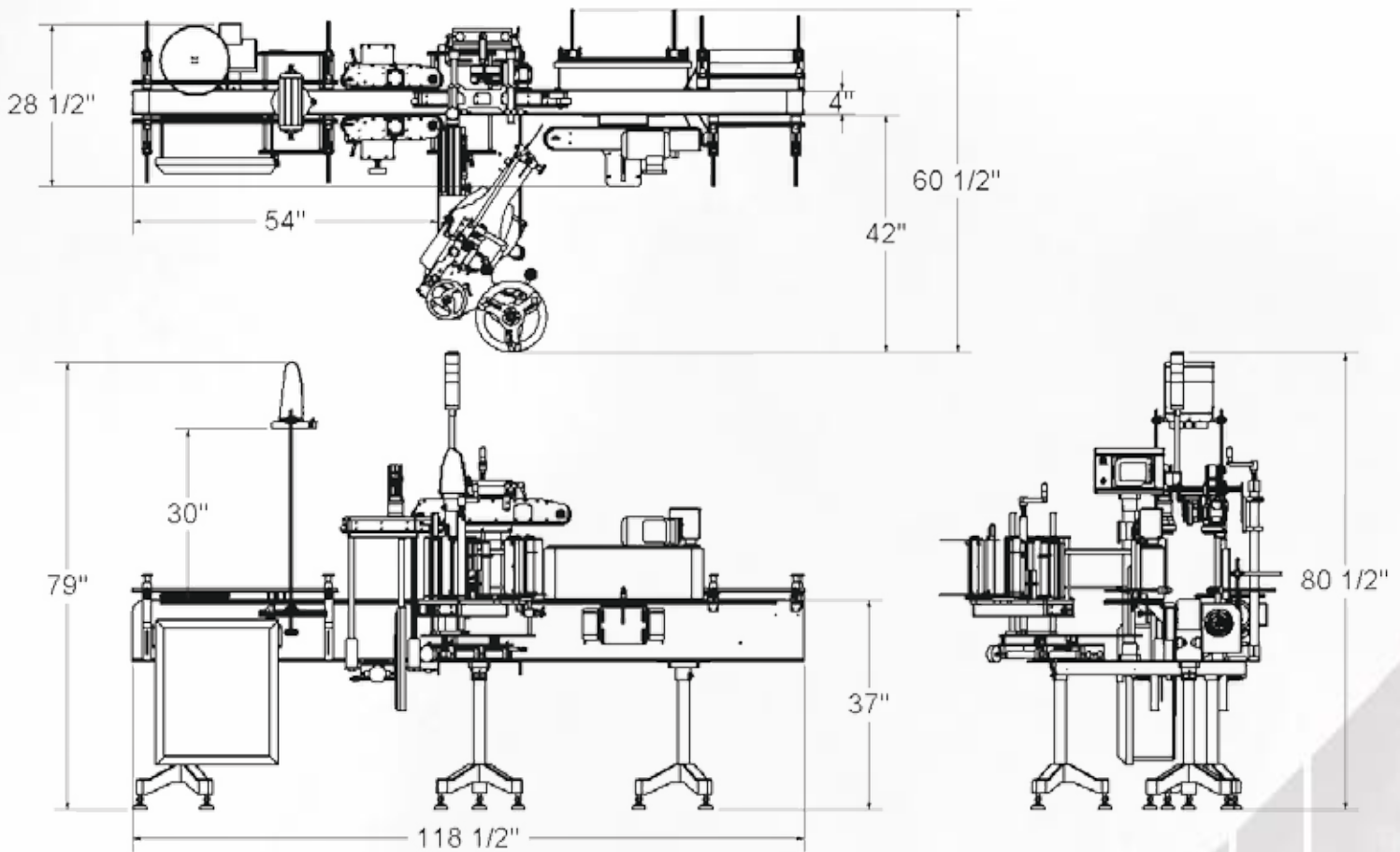
- Single belt drive technology for fast and accurate ramp up and ramp down
- Synchronized speeds up to 1570"/min (40 meters/min)
- Precision label dispensing of +/- 1/16"
- Label position on product using the touch screen (extreme precision)
- Long wrap surface



NITA - LABELING EQUIPMENT WWW.NITALABELINGEQUIPMENT.COM
1051 DU VIGER STREET, TERREBONNE (QC), CANADA, J6W 6B6, 1.877.961.4008



SynerG XP Series - DR OLS Digital Orientation Labeling - Specifications



Power:	200-240 VAC, single phase, 60 Hz, 10 amps
Labeling rate:	Synchronized 1570"/min (40 meters/min)
Accuracy:	+/- 1/16"
Min. label:	1/2" wide x 1/2" long
Max. label:	6" wide x 12" long
Media roll size:	12" (305mm) OD on 3" (76mm) CORE
Motor:	(Encoded) synchronized SERVO
Controller:	Touch screen HMI
Weight:	350 Lbs.
Label detection:	(fixed) Photoelectric
Orientation mechanism:	Two Individual servo-driven belts
Detection mechanism:	Digital optical camera with lighting & lens
Available options:	Wide web width up to 9" (229mm) Clear label sensor Variety of light sources for camera Thermal inkjet coder



Distributed by:

