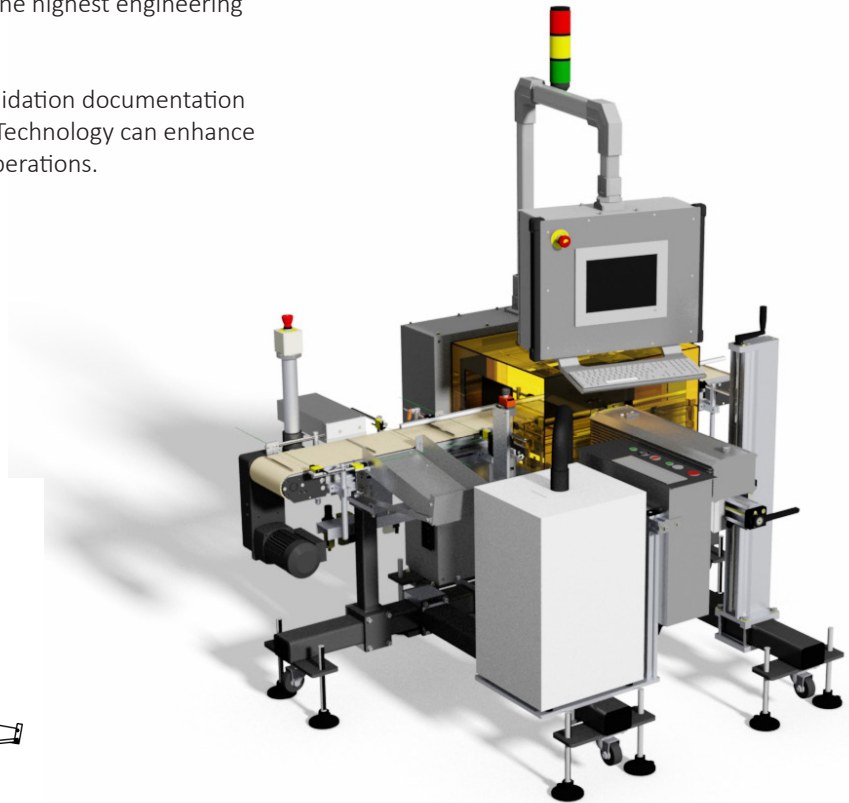To comply with the Drug Supply Chain Security Act (DSCSA), there are many types and levels of packaging that need to be serialized.

To help pharmaceutical companies with their serialization initiatives, the LSI by ID Technology Serialization Series of labeling systems is designed to work with your Management Execution Software (MES) to allow for accurate labeling and serialization on a platform that is proven in the industry.
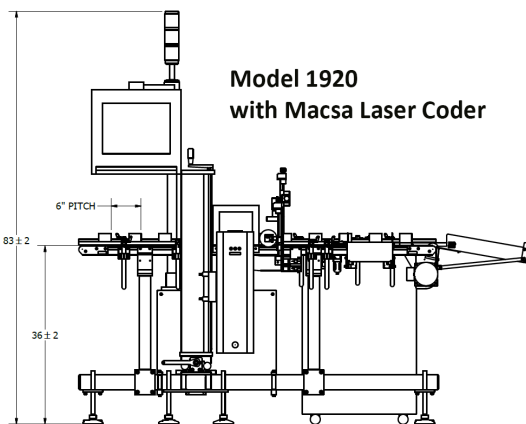
Model 1920 is designed to serialize unit cartons. This can be achieved using laser coding or thermal inkjet coding.

LSI by ID Technology equipment is built in the USA, in our production facilities in Oakland, NJ and Fort Worth, TX to the highest engineering standards.

With Nationwide on-site support, extensive validation documentation and years of compliance experience, LSI by ID Technology can enhance all your pharmaceutical labeling and coding operations.

**Model 1920
with Macsa Laser Coder**

6" PITCH

83 ± 2

36 ± 2

Model 1920 equipped with Macsa Laser Coder from ID Technology

Integrated Labeling Solutions by
ID TECHNOLOGY
powered by **Pro Mach**

Model 1920 Specifications

In your pharmaceutical packaging operation, how can you add text and serialized barcode data to your cartons, knowing that every one is 100% correct. The Model 1920 is ready to integrate with your MES serialization and inspection system to introduce a compact carton coding and inspection system, perfect for smaller pharmaceutical companies.

Products
Chip board cartons.
Min: 2.50" long x 1.25" wide x 1.25" tall
Max: 6.0" long x 4.5" wide x 2.50" tall
Cartons are transported on the conveyor with the length dimension oriented across the width of the conveyor.

Functional
Printing
Data is printed on one panel of each carton, either end panel or top panel – All data is printed in one field of view
- Lot Code & Expiration Date
- GTIN or Product ID
- Unique Serial Number
- GS1 DataMatrix Code

Throughput Rate
Up to 60 products per minute – Manually loaded

Equipment
Base Frame
Painted steel weldment with adjustable leveling feet
Optional: Stainless steel weldment with adjustable leveling feet
Optional: Leveling Casters – Painted
Optional: Leveling Casters – Stainless steel

Conveyor
Low Profile Belt Conveyor with Flites on 6" c/c spacing
8" wide x 6' long
Conveyor height: 36" ±2"
Extruded aluminum side frame with channels for accessory mounting

Motor Controls
LSI Tier 4 Control Package including:
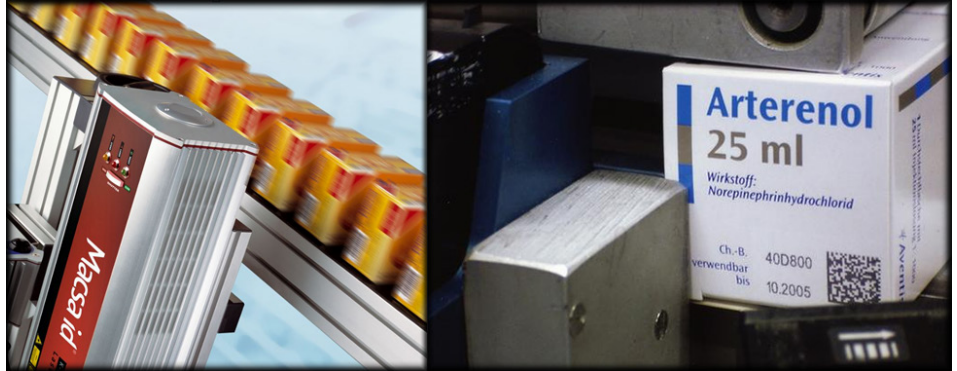Allen Bradley Powerflex Variable frequency AC drive controllers
Allen Bradley Micrologix system PLC
Central HMI
Operator control station with start, stop, emergency stop and power on indicator light

Infeed Spacing
Products are manually loaded into flites on conveyor by an operator

Laser and Inkjet Coding Options

Printing
Optional: HP based Thermal Inkjet Printer
Optional: Laser coder – Macsa K-Series or SPA System

Product Sensor
Retro-reflective Photoeye

Primary Inspection
Confirm printed information

Secondary Inspection (Optional)
Confirm preprinted 1D or 2D carton commodity code on top panel or either end panel

Product Rejection
Cartons that fail inspection are rejected into a reject collection bin. Cartons that pass inspection exit at the end of the conveyor and are collected in a good product collection bin.

Reject Verification
If a carton that fails inspection is not detected entering the reject bin, the system will stop and alarm.

Utility Requirements
Electrical: 120V / 60Hz / 20A
Air: 3 CFM at 80 PSI

Serialization
from unit to pallet