



21 CFR 1040.10
**CLASS 1
LASER
PRODUCT**

For Tablets, Caplets, LCT's, Softgels & Hard Shell Capsules
Output Up to 200,000 Products / hour



Cantilever Ramp Laser

One Sided CO2 Laser Marking Platform
Multi-Lane Pocket Carrier Bar System
Adjustable Angle Ramp Feed

Cantilever Ramp Laser

CO2 Laser Marking for Tablets, Caplets, Capsules & LCT's

Non-contact marking system engraves indelible logos into the outer coating of pharmaceutical and confectionary products for identification, counterfeit protection, and brand recognition. Features continuous motion, multiple-lane carrier bar conveyor feed system that exposes the top surface of product for inspection and laser processing. Requires only compressed air and power for operation.

Features

- Multi-lane carrier bar feed system
- Safety enclosure with interlocked doors & enclosed beam path
- Servo based motion with optical encoder position feedback
- Stainless steel sprocket assemblies teamed with precision ground roller chain for precise registration
- Quick-Release Pins for tool-less installation of carrier bars
- Rapid product change over between products
- Adjustable Ramp Feed Angle to optimize machine feed based on product flow characteristics
- Clean air filtration system
- User friendly Operator Control Interface with 17" touch-screen HMI
- Programmable settings for up to 50 products
- Fume extraction unit & toolkit included

Capabilities

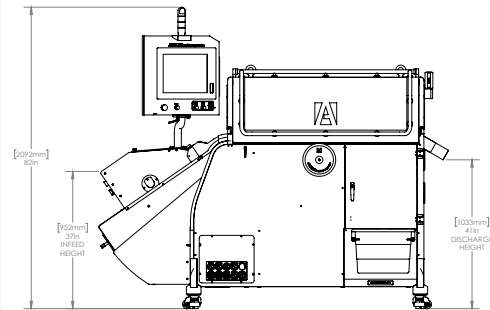
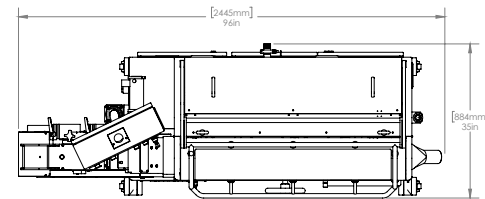
- Output Up to 200,000 / Hour
- Precise & consistent etched logos with Patented Laser Steering Technology
- Laser Mark alpha-numeric text, vector graphics, outlined logos, hatched logos and bar codes
- Graphics editing software provided to modify or create new logos
- Import graphics or enter text with font style and size control
- Adjustable laser parameters to control size, line width and etch depth

Options

- Vision inspection with vacuum-based single product rejection
- OPC-UA Server Gateway
- HMI screen text translated and displayed in language of choice
- Secure remote support capabilities
- Auto-backup of product settings

Safety & Regulatory Compliance

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| <ul style="list-style-type: none"> • cGMP for Pharmaceuticals: • FDA 21 CFR Compliance: <ul style="list-style-type: none"> - Part 210 - Part 211 - Part 11 - Part 1040: Class 1 Laser System • CE Compliant | <ul style="list-style-type: none"> • NFPA 79 • IEC 60825-1 • IEC / EN 60204-1 • ISO 13849-1 • CRC, c 870 • CDRH Compliant |
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Specifications

Machine Dimensions:

Height 82" (2092mm) x Width 96" (2445mm) x Depth 35" (884mm)

Infeed Height: 37" (952mm)

Discharge Height: 41" (1033mm)

Weight: 2000 lbs. (910 kg)

Power Requirement:

208-240 VAC / 50-60 Hz

3 Phase / 15 Amp

Compressed Air:

100 PSI (6.9 Bar) @70 sCFM (120m3/hr.)



Proudly Made in the USA