



Tablets
Capsules
LCT's
Softgels

Up to 25 Products
Per Paddle

R&D Laser

CO2 Laser Marking or Drilling for Tablets & Capsules

Multi-functional system designed to laser drill apertures or engrave logos in the outer coating of pharmaceutical products. This manual feed system uses a FDA compliant plastic paddle with custom machined pockets that can hold up to 25 products. The products are manually placed into the pockets, then the filled paddle is placed into the laser chamber. Next, the operator selects on the HMI screen which pocket locations to drill or engrave, then presses the Fire button.

Features

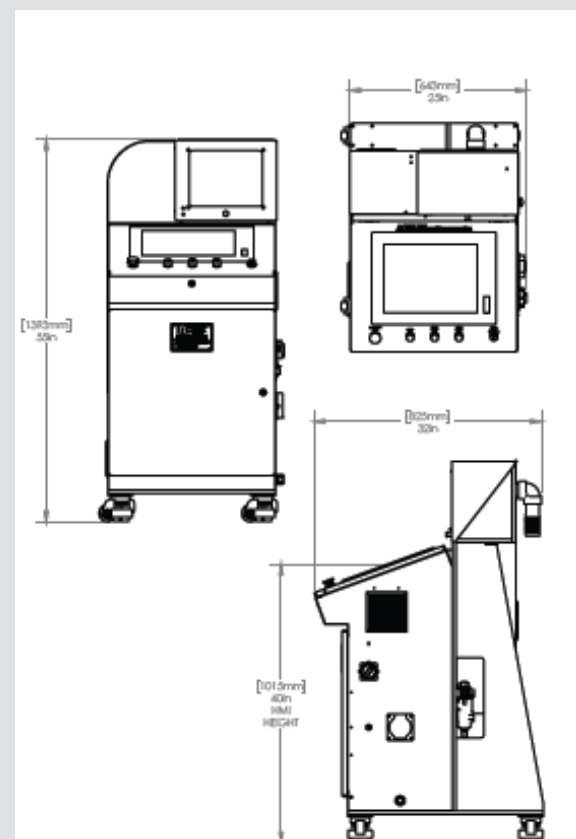
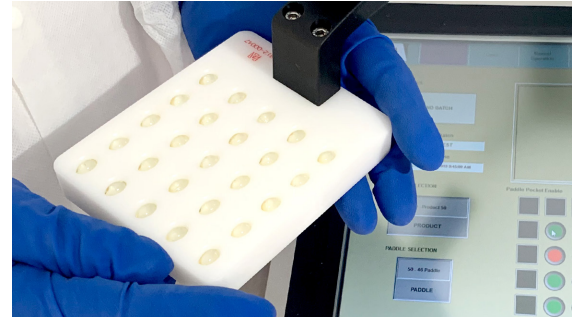
- Manual Operation
- Safety enclosure with interlocked doors & guards
- User friendly Operator Control Interface with 17" touch-screen HMI, Emergency Stop Button, Laser Power keyswitch and Laser Emission Indicator light
- Touch-screen adjustments for all laser parameters, including laser drilling diameter, depth of apertures, and drilling pattern
- Programmable settings for up to 50 products
- Leveling casters for portability
- Small footprint
- Low maintenance cost
- Worldwide customer support
- Fume extraction unit & toolkit included

Capabilities

- Single Sided Laser Drilling or Marking
- Adjustable aperture:
 - Diameter - 0.400 to 1.500mm
 - Depth - 0.30 to 1.50mm
- Drill up to 4 apertures per side with adjustable spacing
- Mark alpha-numeric text, vector graphics, logos and bar codes
- Graphics editing software provided
- Adjustable parameters to control logo size, line width and etch depth

Options

- OPC-UA Server Gateway
- HMI screen text translated and displayed in language of choice
- Secure remote support capabilities
- Auto-backup of product settings



Machine Dimensions:
 Height 55" (1393 mm) x Width 25"
 (643 mm) x Depth 32" (825 mm)
 Infeed Height: 56" (1422 mm)
 Weight: 500 Lbs. (227 kg)
 Power Requirement:
 208-240 VAC / 50-60 Hz /
 1 Phase / 15 Amp
 Compressed Air:
 60 PSI (4.1 Bar) @ 40 sCFM (68 m3/hr.)



Made in the USA

Safety & Regulatory Compliance

- | | |
|-----------------------------------|--------------------|
| • cGMP for Pharmaceuticals: | • NFPA 79 |
| FDA 21 CFR Compliance: | • IEC 60825-1 |
| - Part 210 | • IEC / EN 60204-1 |
| - Part 211 | • ISO 13849-1 |
| - Part 11 | • CRC, c 870 |
| - Part 1040: Class 1 Laser System | • CDRH Compliant |
| • CE Compliant | |