



Tablets
Capsules
LCT's

Up to 150,000 PPH

Servo Laser Drill

One or Two-Sided CO2 Laser Drilling
Multi-Lane Pocket Drum Feed System

Servo Drum Laser Drill

CO2 Laser Drilling for Tablets & LCT-Shaped Products

High output precision laser machine designed to drill apertures in the outer coating of modified-release products. Bulk product is fed into the hopper at the top of the machine, where each product is singulated and gravity-fed into drum carrier pockets for precise positioning. The continuous motion, multi-lane servo-driven drum feed system exposes both sides of product for inspection and laser

Features

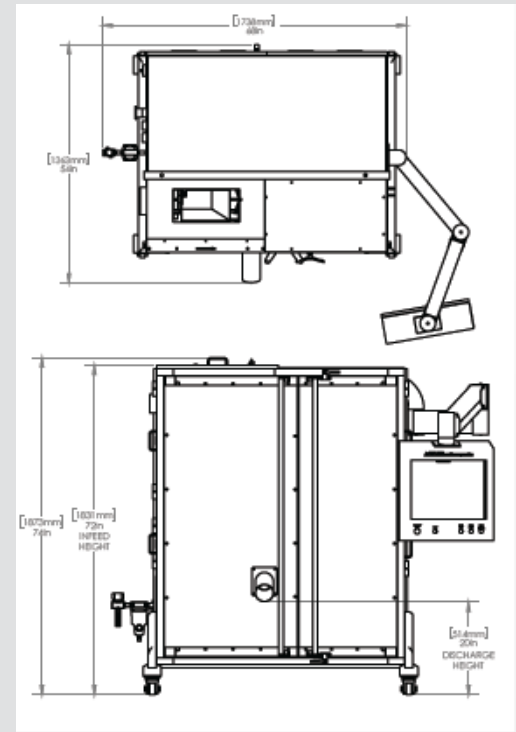
- Multi-Lane Pocket Drum Feed
- Safety enclosure with interlocked doors & enclosed beam path
- Servo based motion with optical encoder position feedback
- Feed and Laser Drums with precision machined pockets.
- Removable hopper assembly for quick & easy changeover between products
- Articulated swing arm with 17" touchscreen HMI
- User friendly Operator Control Interface
- Programmable settings for up to 50 products
- Portable with a small footprint
- Low maintenance cost
- Tower light with buzzer
- Fume extraction unit & toolkit included

Capabilities

- Output Up to 150,000 / Hour
- Single or Double Sided Laser Drilling.
- Adjustable aperture:
 - ° Diameter - 0.400 to 1.500mm
 - ° Depth - 0.30 to 1.50mm
- Drill up to 4 apertures per side with adjustable spacing
- Color recognition system

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
- User Authentication and Time Synchronization
- Auto-backup of product settings



Machine Dimensions:
 Height 74" (1873 mm) x Width 68"
 (1738 mm) x Depth 54" (1363 mm)
 Infeed Height: 72" (1831 mm)
 Discharge Height: 20" (514 mm)
 Weight: 2200 Lbs. (998 kg)
 Power Requirement:
 208-240 VAC / 50-60 Hz /
 3 Phase / 20 Amp
 Compressed Air:
 100 PSI (6.9 Bar) @ 70 sCFM (119 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 | |