

LOCKFORMER

since
1938

VULCAN[®] LASER MAX 1.5

CUTTING SYSTEM

With 30 years sheet metal cutting experience, the Laser-Max 1.5 is the next evolution in Vulcan cutting systems:

- Minimal heat affected zone produces cleaner cut edge
- Laser cut edge causes less wear to downstream fabrication equipment
- Cut intricate patterns thanks to minimal kerf and 4-axis controls
- Increased cut speed and broader range of material cutting compared to plasma
- Fiber laser offers lower maintenance and operating costs compared to Plasma or CO₂ Lasers



MESTEK MACHINERY

5480 - Sixth Street S.W. • Cedar Rapids, IA 52404
Email: sales@mestekmachinery.com • Website: mestekmachinery.com
319.364.9181



The FIRST Premier Partner Program Member
to Join this Elite Group

VULCAN® LASER MAX 1.5 CUTTING SYSTEM

MACHINE DESIGN :

- Laser cutting uses less heat-edges are not hardened leading to less wear and tear on other machinery.
- Exclusive Patent-pending technology allows operator to access parts directly from the table and eliminates need for a pallet shuttle system.
- Open table design enables coil feeding and greater cut part access. Laser Max 1.5 can be sheet or coil fed.
- Cutting speed up to 1,400 ipm (35 m/min) on thinner materials (26 ga or 0.4 mm).
- All rack and pinion 4-Axis (2-Y, 1-X, 1-Z) controlled. Z is servo driven with automatic torch height.

SOFTWARE/COMPUTER SYSTEM :

- Vulcan® Windows 7 HVAC
- PC with 19" Monitor & Printer
- Other CAM Software interfaces available upon request

APPROXIMATE DIMENSIONS:

- Length: 168" (4270 mm)
- Height: 63" (1600 mm)
- Width: 96" (2438 mm)
- Weight: 3,200 lbs. (1450 kg)

MACHINE CONTROL :

- Mach 3 & Color Graphic Industrial Touch Screen

CUTTING UNIT:

- 0.75, 1.0 & 1.5kW fiber laser resonators available.

CUTTING CAPACITY :

- 0.120"(3 mm) or 0.135"(3.5 mm) Mild Steel Cutting Capacity based on Laser Resonator selected

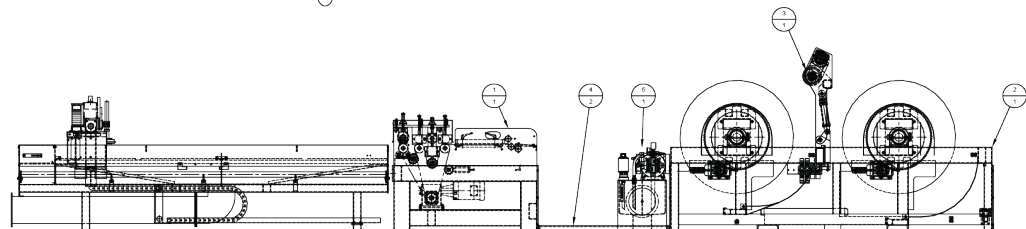
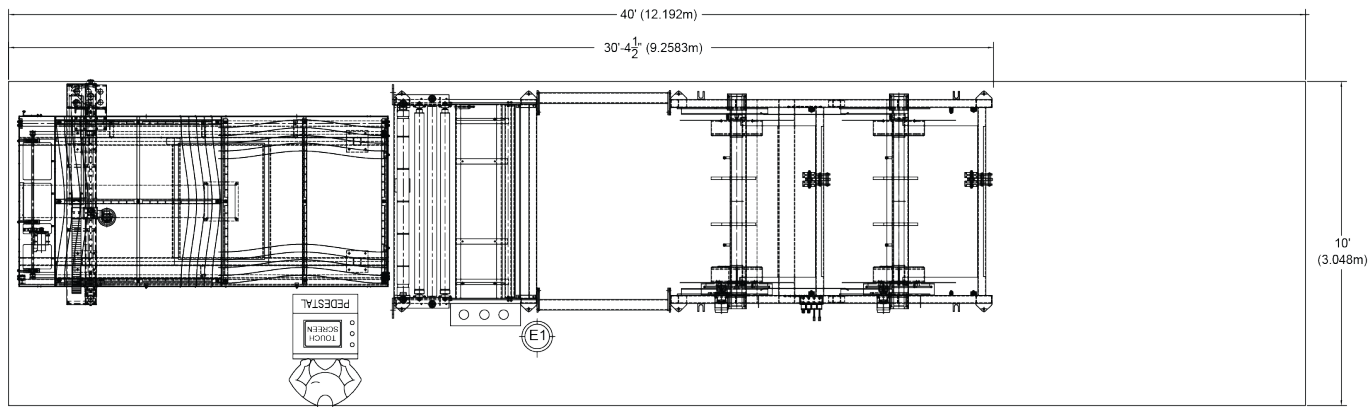
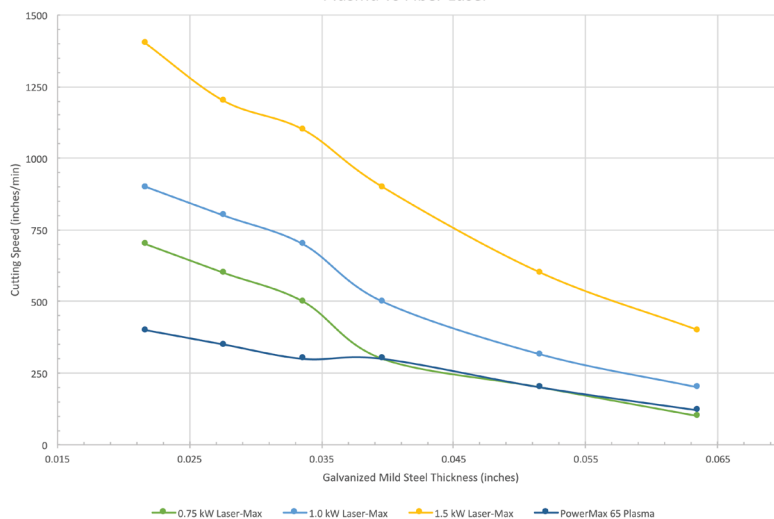
CUTTING AREA & TABLE CAPACITY:

- Standard: 5'x10' (1.5 m x 3.0 m)
- Optional: 5'x20' (1.5 m x 6.0 m)

CUTTING SPEED :

- Positioning speed and max cutting speed are the same at 1,400 ipm (35 m/min) on thinner materials (26 ga or 0.4 mm)

Cutting Speed Comparison
Plasma vs Fiber Laser



UTILITIES
E1 - ELECTRICAL DROP #1 - 15 FLA @ 480/3/60

Vulcan® Laser Max 1.5
Cutting System
Specifications

