

# LOCKFORMER

since  
1938

## VULCAN<sup>®</sup> LASER MAX 1.5

### FIBER LASER



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

- Cutting Speeds up to 3 X's faster than a conventional plasma cutter
- Cut quality like that of a high definition plasma cutter on mild steel and stainless steel.
- Zoned Exhaust Cutting Table which produces minimal exhaust
- Exclusive Patent Pending technology allows operator to access parts directly from the table which eliminates need for a pallet shuttle system.
- Coil Feeding Capabilities made easy as full table enclosure is eliminated. Can be coil fed or sheet fed.
- Complete Compressed Air System
- Consumable Expense like that of a conventional plasma cutter



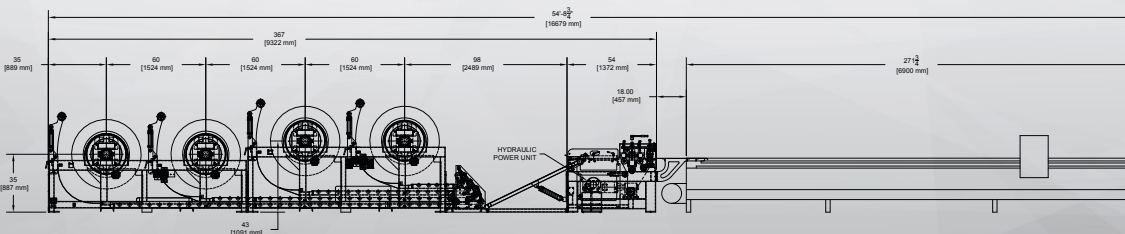
All rack and pinion 4-Axis (2-Y, 1-X, 1-Z) controlled. Z is servo driven with automatic torch height.



Exclusive Patent Pending Technology and FDA accession number approved



- CNC Mach III and Color Graphic Mouse Driven Control
- 2D x 3D Tool Path
- 3 Axis X1-X2,Y,Z



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# VULCAN® LASER MAX 1.5 FIBER LASER

## 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

## MACHINE CONTROL :

- Mach 3 & Color Graphic Industrial Touch Screen

## CUTTING UNIT:

- 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:

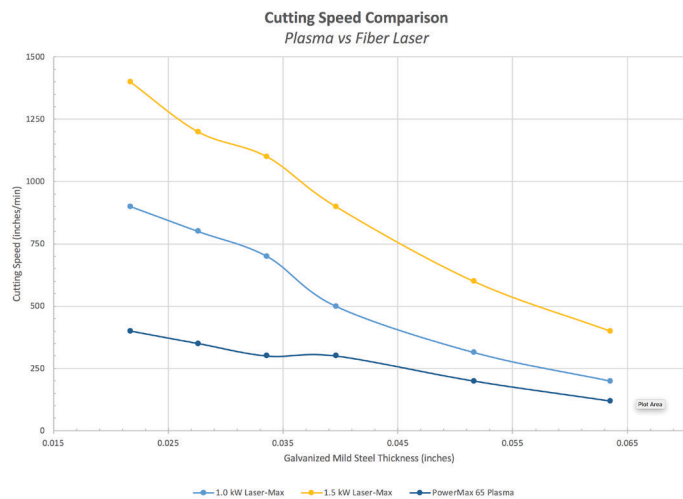
- Standard: 5'x10' (1.5 m x 3.0 m)
- Optional: 5'x20' (1.5 m x 6.0 m)

## 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)

## APPROXIMATE DIMENSIONS:

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



-VS-



## LASER CUT SAMPLE PIECES:

