

Three Point Alignment Shown



LASER POINTER

Torch and Plate Alignment Tool

Messer Cutting Systems Laser Pointer allows the machine operator to identify the plate edge or feature of the plate with a known location for proper alignment or layout.

FEATURES AND BENEFITS

Plate Alignment:

- Identifies the edge of a plate by locating 2, 3 or 5 points along an edge.
- When activated, the plate alignment routine (part program rotation) identifies necessary points and the part program automatically offsets (rotates) to the actual plate radial position.
- Once aligned properly, the part program can cut the part or nest as if the plate were square to the machine axes which simplifies set-up, reduces cycle time and eliminates scrap.

Layout Assistance:

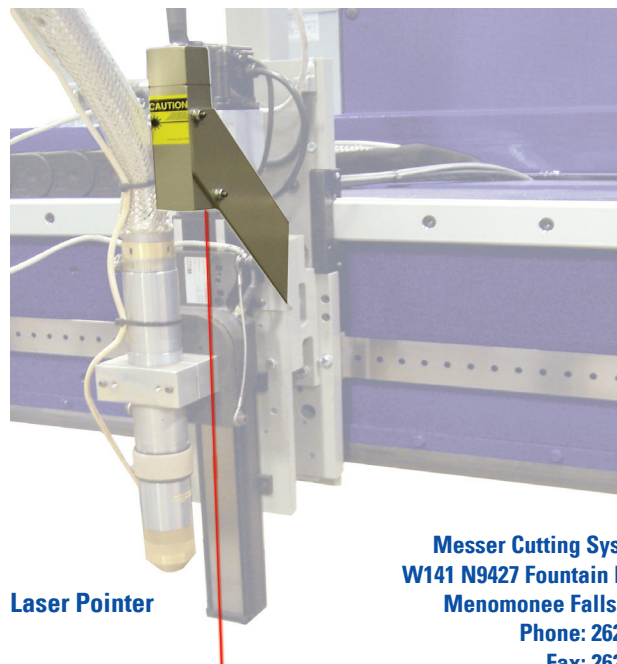
- The Laser Pointer creates a red dot on the plate that can be used during a dry run cycle to trace the path that will be taken by the cutting or marking tool. Layout assistance is an added benefit to any Messer machine as it helps reduce scrap by minimizing material usage and guarantees the part or nest will fit on the plate.

SYSTEM DESCRIPTION

Up to four Laser Pointers can be mounted on separate carriages, and set to one of three states on the Global Control: On, Off or Auto. In the "Auto" position, the Laser Pointer will turn on automatically when required to aid in plate alignment and turn off automatically during cutting or marking process.

APPLICATION

Available on all machine models.



Laser Pointer

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