

# MAVRIX

Welding Automation Inc.

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Mavrix manufactures a variety of ID and OD pipe welding systems. Given the nature of the applications all systems are custom engineered to meet customer specifications. Mavrix will design all or a part of the welding system and will work with you to integrate with your equipment as required. Our systems will generally fall into one of the follow categories.

- Traveling vertical post and a fixed length lance torch beam.
- Fixed vertical post with a traveling extend/retract torch beam.
- Fixed side beam with moving carriage and torch and fixed beam.

While our focus is on the welding equipment we can also build integrated turning rolls and water cooling, collection and recycling systems. The following will give you some idea of a system we have built, engineered and quoted.

## Sample 1:

Customer supplied positioner. This was a flexible system for ID and OD welding using a light weight aluminum beam and easily adjustable carriage components.



FOR MORE INFORMATION, PLEASE CALL, WRITE or EMAIL

**MAVRIX AUTOMATIC WELDING**

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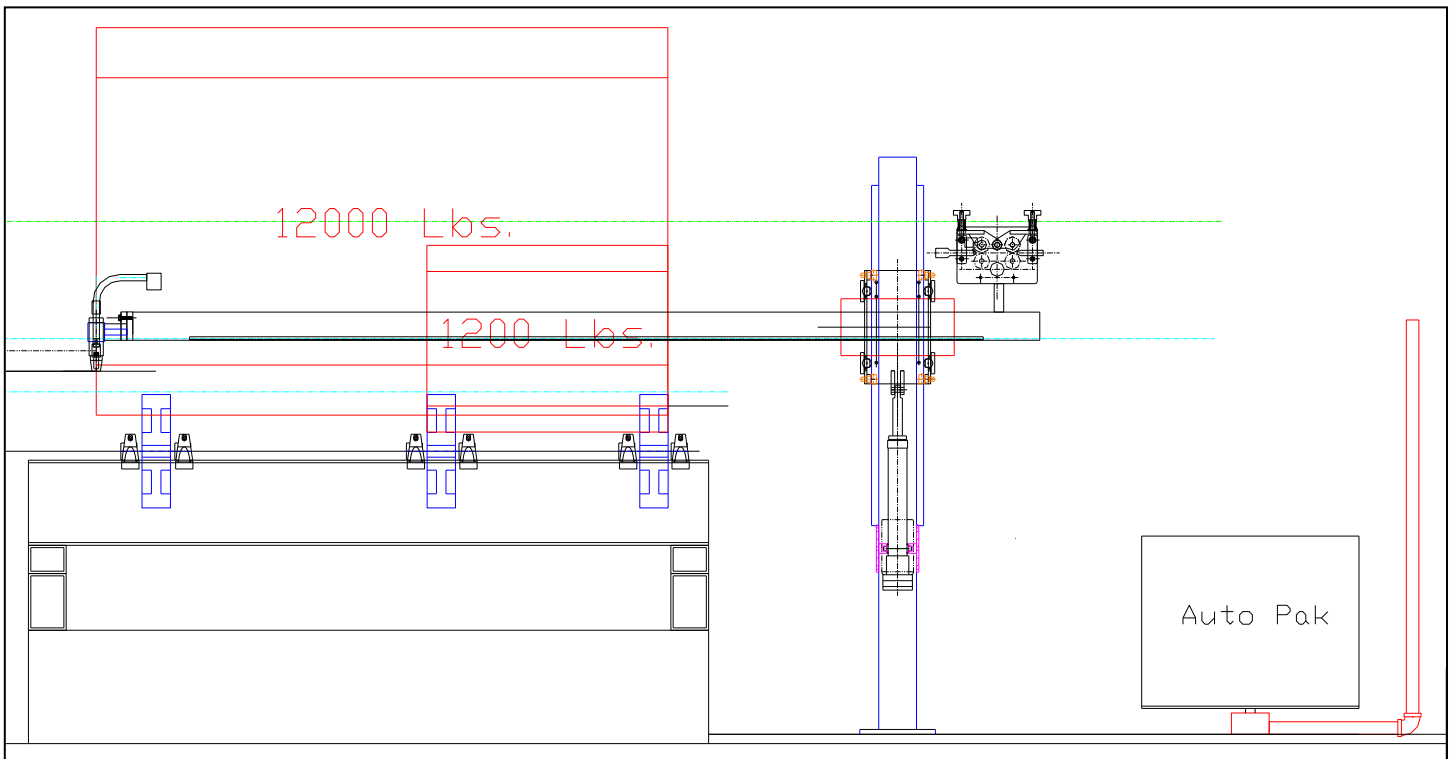
**Sample 2:**

This was a custom long travel beam made to the customer specification. Turning rolls were supplied by the customer and a special dual carriage system was engineered to minimize beam sag.



**Sample 3:**

This design is a recent fixed vertical post custom job quoted for a turnkey welding system. Turning rolls are fixed and can accommodate the specified load range of 1,200 to 12,000 lbs. The torch was specified as water cooled MIG and had a powered vertical axis, carriage drive, wire feeder and roll drive motor. System also includes a 1000 lb capacity auto pak wire dispenser.



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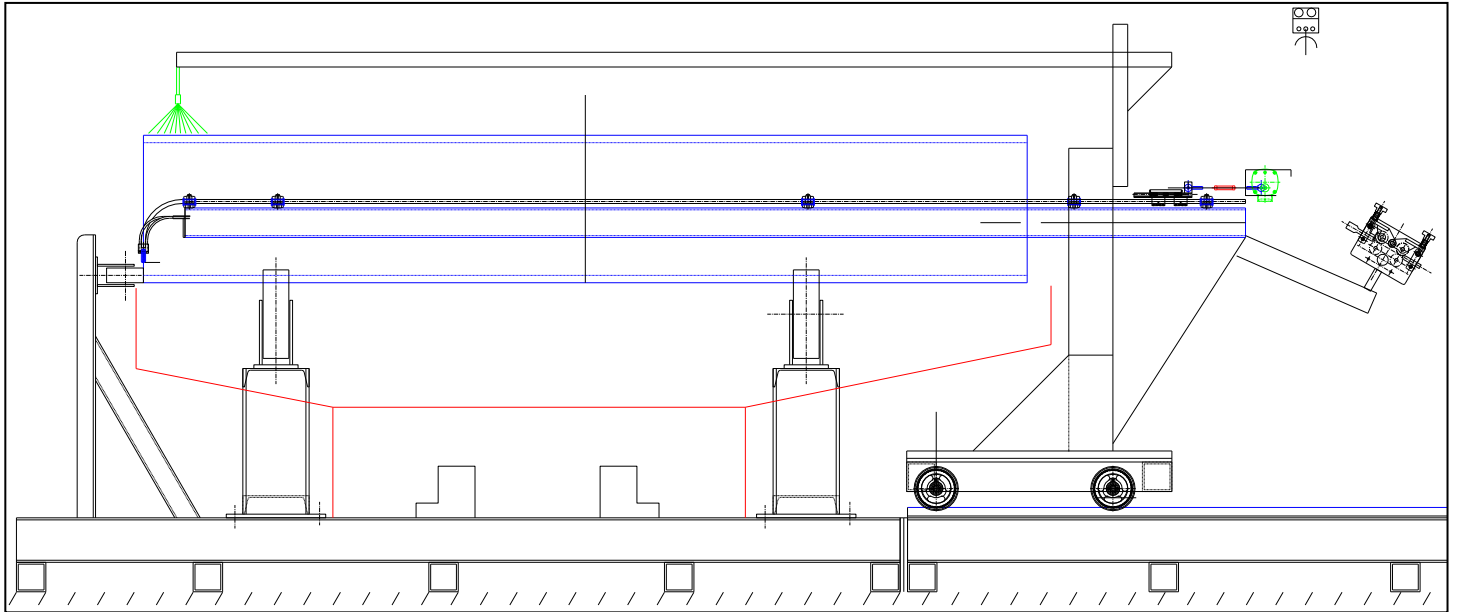
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**Sample 4:**

This is a traveling vertical post and traveling lance machine developed for pipe 10 feet in length and ID ranges from 12” to 60”. This was a turnkey design and quotation that included an oscillating torch while performing circumferential welds. With water cooling, collection and recycling, this system was quoted without power supplies.



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