

MAVRIX

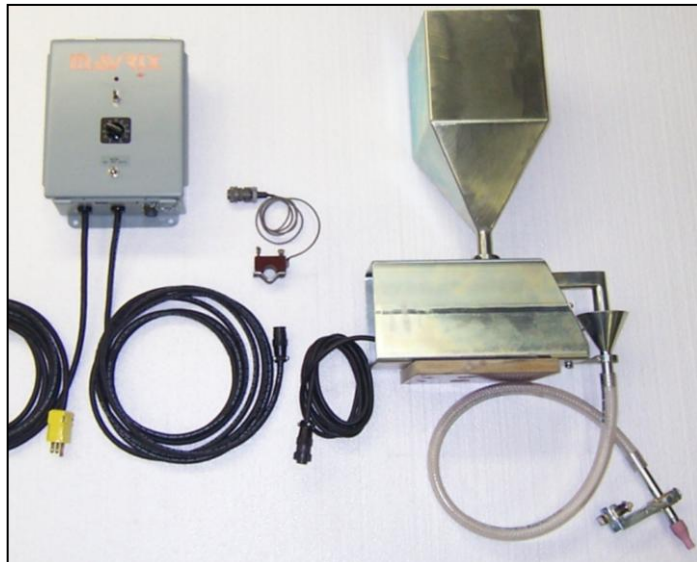
Welding Automation Inc.

Welding Automation Inc.

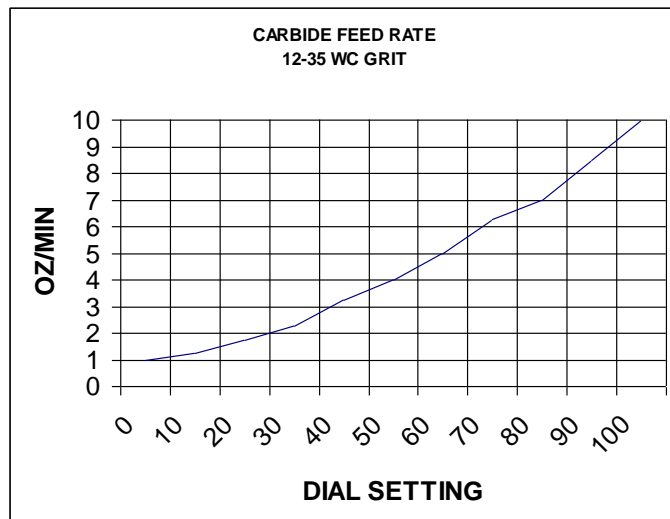


The MAVRIX drop carbide dispenser can be ordered with any MAVRIX automatic welding system or as a standalone system to be added to your current welding equipment. The difference in our system is in our custom engineered control which provides greater precision of deposits over a wider range of voltage control. Additionally, our control is less sensitive to input voltage changes that can normally occur in any plant causing variation in deposit rate. The system highlight in this brochure is the standalone system and includes these main components.

- Vibrator control with current sensing to auto start upon weld arc start up
- Hopper and vibratory track assembly with insulated mounting block
- Hose and torch nozzle attachment.



Typical deposit rates that can be achieved are represented by the chart to the right. Our unit may also be calibrated for other variations of carbide.



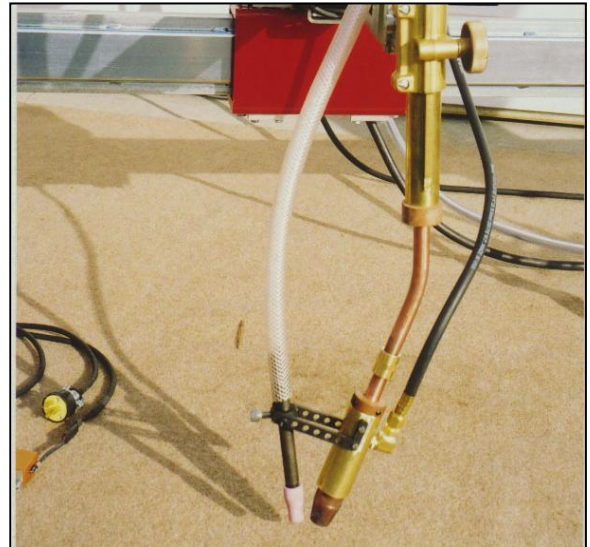
FOR MORE INFORMATION, PLEASE CALL, WRITE or EMAIL

MAVRIX WELDING AUTOMATION

mavrixweld@ameritech.net www.mavrixweld.com

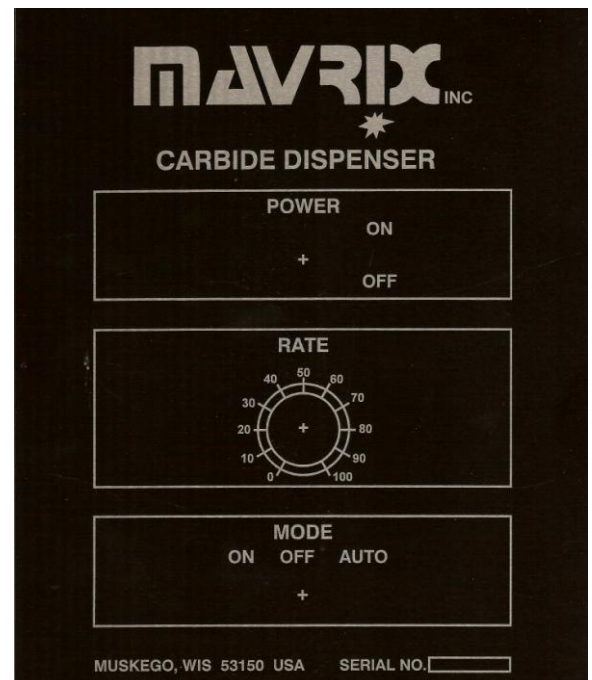
W182 S8363 RACINE AVENUE * MUSKEGO, WI. 53150 * (262) 679-3800 * FAX (262)679-3060

The photo to the right shows the carbide dispensing unit paired with our adjustable torch assembly and gas nozzle. This heavy duty gas shielded nozzle with the ceramic tipped carbide drop tube has a 25 degree bend in the copper nozzle above the gas nozzle. This relationship between the carbide drop tube and the gas shielded nozzle does an effective job of adding carbide particles to the back of the weld puddle. The travel direction is to the right on the photo. Note that this is a typical mounting using the MAVRIX torch assembly. Ceramic tipped drop tube comes with brackets for your custom installation.



When the system is ordered as a standalone system it will include this control facia layout. With easy to understand control function this can be mounted in close relation to the operator. When ordered as part of our welding automation this control is integrated into the primary machine control.

- Power ON/Off – This is the main power switch for master on/off
- Rate – The rate is the voltage potentiometer for quick adjustment to the dispensing rate. Our superior control design provides control throughout the range
- Mode – The mode switch provides three functions
 - On-Turns the unit on “manual mode” for testing deposit rates
 - Off – No function
 - Auto – Works with the current sensing switch to turn on automatically with the power supply



FOR MORE INFORMATION, PLEASE CALL, WRITE or EMAIL

MAVRIX WELDING AUTOMATION

mavrixweld@ameritech.net www.mavrixweld.com

W182 S8363 RACINE AVENUE * MUSKEGO, WI. 53150 * (262) 679-3800 * FAX (262)679-3060