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EZ FLOW POWDER MARKER

SEMI-PERMANENT MARKING

Messer Cutting Systems' EZ Flow Powder Marker is a torch that is mounted with a fixed offset to a plasma or oxyfuel cutting tool that produces a semi-permanent line using a low preheat flame to bond a misted cloud of zinc powder onto a plate.

FEATURES AND BENEFITS

- **Easy read 0.04" wide line.**
- **Produces at speeds up to 1000 IPM for high productivity.**
- **Marking is part of the cutting process therefore secondary manual operations - alphanumeric characters, layout lines, hole and weld locations, bend lines, and character identification – is eliminated.**
- **Zinc powder is used to create a silver line on mild steel, while colored powder can provide high contrast on stainless steel and aluminum.**
- **Lines can be continuous or intermittent.**
- **50 gram powder vials produces 4000' of line at approximately 1000 IPM. Vials include a desiccant tablet to prevent moisture contamination.**

SYSTEM DESCRIPTION

EZ Flow zinc powder is stored in a reservoir on the top of the marker's torch. When preheat oxygen is supplied through three tangentially directed ports, the powder begins to spin. Through the Venturi effect, the powder enters a stainless steel tube that extends down the center of the marker to its tip. Focusing the powder on the plate, the heat from the flame causes the powder to bond to the metal causing a semi-permanent line.

APPLICATION

Available on the PlateMaster, Titan III, MPC2000, MetalMaster Plus, and TMC4500 DB machine models.



Messer Cutting Systems, Inc.
W141 N9427 Fountain Boulevard
Menomonee Falls, WI 53051
Phone: 262-255-5520
Fax: 262-255-5170
sales@messercutting.com

www.messer-cs.com
Español www.messer-cs.com/mx/us/