

Electric Drill Unit

For the MetalMaster Plus, Titan II, MPC2000, and TMC4500ST

(Up to 1/2" Drill on Titan II)



(Up to 3/4" Drill on MPC2000)

Overview:

An optional drill feature can be combined with normal plasma and oxyfuel cutting, allowing for more work to be done on the piece part in a single handling. All processes are done in the same set-up, providing accurate, feature-to-feature relationships, both within a single piece and from part to part.

Features and Benefits:

- Drills up to 1/2" (standard) diameter holes in mild steel up to 1" thick on the Titan II. Up to 3/4" diameter available on the TMC4500ST and MPC2000. Up to 3/8" diameter available on the MetalMaster Plus.
- Mist lubrication unit is mounted to the drill station for reliable and easy drilling.
- A portion of the four inch drill stroke can be feed-rate controlled to provide reliable drilling while minimizing tool breakage.
- Drill "start" and "stop" commands are initiated automatically by the part program to free operator for other tasks.

System Description:

The drill unit can be activated using a CNC command in the part program or by the operator with a manual switch. After activation, two pneumatic cylinders keep a hold down shoe in place as it pushes down on the plate prior to and during the entire drilling cycle. The spindle RPM and feed rate are set manually by the operator. (NOTE: When working with thicker plate, the drill may have to be removed in order to clear the material.)

Application:

Available on the MetalMaster Plus, TMC4500ST, Titan II, and MPC2000.

Messer Cutting Systems
Your Productivity Process People®

The descriptions, technical data, and illustrations contained in this document are provided for guidance purposes only and are non-binding. The manufacturer reserves the right to make changes in equipment or specifications at any time without notice.
© 2009 Messer Cutting Systems, Inc. 0209

MESSER 
Cutting Systems

Messer Cutting Systems, Inc.
W141 N9427 Fountain Boulevard
Menomonee Falls, WI 53051

Phone: 262-255-5520

E-mail: sales@messercutting.com

Fax: 262-255-5170

www.messercutting.com

OPTIONS

TABLES

CONTROLS

CUTTING MACHINES