

# ELECTRIC DRILL UNIT

For the MetalMaster Evolution, MetalMaster Xcel, Titan III, MPC2000, and TMC4500 DB.

Messer Cutting Systems offers a Electric Drill Unit that 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 with a single piece or from part to part.

## FEATURES AND BENEFITS

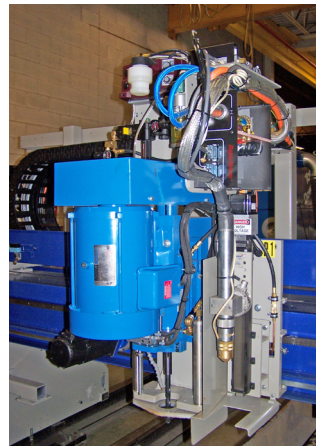
- **Drills mild steel up to 1" thick on the following Messer machines:**
  - » Titan III drills up to 1/2" diameter.
  - » TMC4500 and MPC2000 drills up to 3/4" diameter
  - » Metal Master Evolution, MetalMaster Xcel drills up to 3/8" diameter.
- **Mist lubrication unit is mounted to the drill station 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 allowing operator flexibility.**

## SYSTEM DESCRIPTION

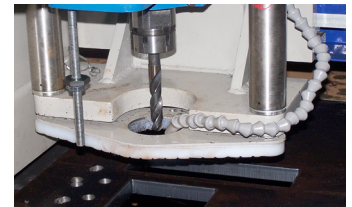
The Electric Drill Unit can be activated using a CNC command in the part program or by the operator with a manual switch. After activation, two pneumatic cylinders keep a hold down shoe in place as it pushes down on the plate prior to and during the entire drilling cycle. The spindle RPM and feed rate are set manually by the operator.

## APPLICATION

Available on the MetalMaster Evolution, MetalMaster Xcel, Titan III MPC2000, and TMC4500 DB machine models.



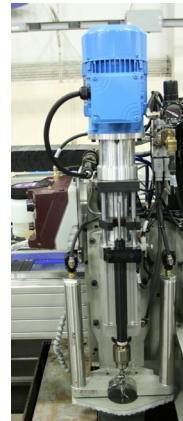
MPC2000 drilling up to 3/4".



Collate style spindle.



Titan III drilling up to 1/2".



Drilling up to 3/8".



Scan to  
watch video.

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/](http://www.messer-cs.com/mx/us/)