

MAB 825 KTS



Cutter capacity
3 1/8" dia.

Versatile machine with adjustable X and Y positioning

Powerful • Reliable

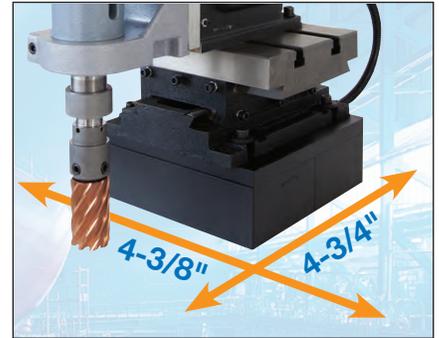
- 16 Amp double-insulated motor
- 4-speed oilbath gearbox for applications requiring high power
- Designed for continuous use
- Infinitely variable torque control and full-wave control electronics
- Ideal for drilling, boring and slotting applications
- Includes servo-assisted drilling feature to help maintain feed pressure during operation

Drill up to 3-1/8" dia.
Tap up to 1-3/16" dia.

- Multi-axis positioning
- Uses annular cutters up to 3-1/8" dia.
- Twist drilling capacity up to 1-1/4" dia.
- 10" stroke
- Integrated cutting oil reservoir
- Automatic internal lubrication

Integrated Safety

- Simple, ergonomic arrangement of controls for one-handed operation
- Emergency-off function



Model MAB 825 KTS features multi-axis positioning, allowing the drill to be adjusted up to 4-3/4" forward/backward and up to 4-3/8" left/right after magnet is adhered to surface. Ideal for job site drilling, boring and slotting applications where dismantling is not feasible.

Cutter Capacity



Ø 3 1/8"

Twist Drill / Countersink



Ø 1 1/4" / 1 37/64"

Ream / Tap



Ø 1 1/4" / Ø 1 1/4"

Stroke (length)



10"

4-gear Variable Speed (RPM)



40-110, 65-175, 140-360, 220-600

Electronics



Variable-speed Control

Overheat Protection



CoolMag™

Magnet Force Indicator



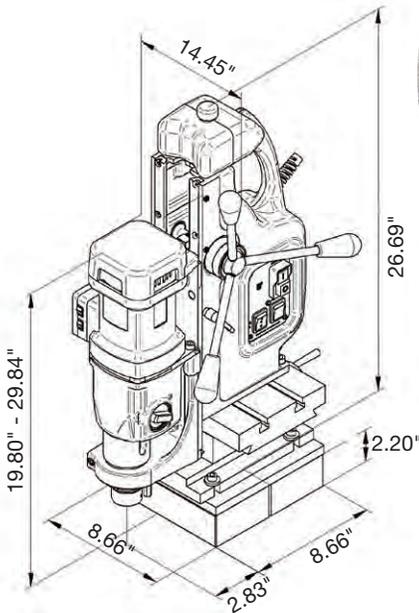
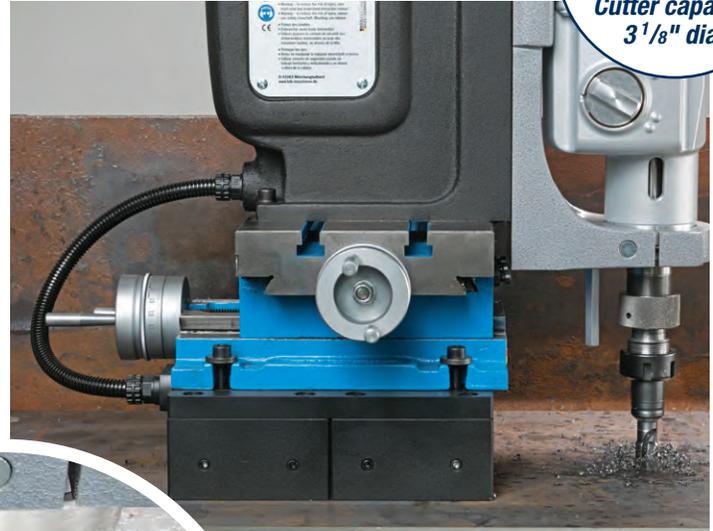
SafeMag™

Reversible (CW/CCW)



➤ Annular Cutters: pages 54-64 ➤ Accessories: pages 65-71

MAB 825 KTS



Chuck Collet Tool Holder Set with Case

Part No. ZSF 316 (included) can hold most standard end mills with shanks from 1/8" to 5/8" dia. (3mm to 16mm dia.). Kit includes:

- MT3 collet holder with threaded adapter piece
- 15 collets for shank diameters 1/8" to 5/8" (3 to 16mm)
- 2 collet tightening spanner wrenches



Model MAB 825 KTS Specifications

Motor Power	16 Amp / 110 Volt
Weight	99 lbs.
Hole Capacity	3 1/8" dia.
Twist Drill Capacity	1 1/4" dia.
Tapping Capacity	1 3/16" dia.
Speed	40-110, 65-175 140-360, 220-600 RPM
Magnet Base Size	8 11/16" L x 8 11/16" W
Dimensions	19 3/4" H x 13" L x 14 1/2" W
Magnetic Force (1" plate)	6600 lbs.
Arbor Bore	3/4" and 1 1/4", standard
Spindle	MT3
Automatic Lubrication	Included



Standard Equipment

- 1 Magnetic drilling machine
- 1 Chuck collet tool holder set
- 1 Steel carrying case†
- 1 Safety chain
- 1 Operating manual
- 1 Warranty certificate

Standard Equipment also includes auto lubrication, safety strap, carabin hook and allen keys.

† Steel case intended mainly for shipping purposes; damage may occur in transit.

Optional 3/4" geared chucks available (Part No. IBC 21)

➤ [Annular Cutters: pages 54-64](#) ➤ [Accessories: pages 65-71](#)