

MAB 825 & MAB 845

Cutter capacity
4 1/16" dia.

Ideal for steel engineering, plant construction and more



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

**Drill up to 4-1/16" dia.
Tap up to 1-1/8" dia.**

- Uses annular cutters up to 4-1/16" dia.
- Twist drilling and reaming capacities up to 1-1/4" dia.
- Tapping capacity up to 1-1/8" dia.
- Integrated cutting oil reservoir
- Automatic internal lubrication
- Automatic feed (model MAB 825 V), ideal for production applications
- Swivel base (model MAB 845)

Keyless Cutter Mount

- Quick-change keyless cutter system for 3/4" Weldon shank
- Arbor for 1-1/4" Weldon shank
- Also includes manual arbor for 3/4" Weldon shank (MT3) with set screws

Integrated Safety

- Green/Red LED magnetic force indicator for safe operation
- Internal cable routing
- Simple, ergonomic arrangement of controls for one-handed operation
- Emergency-off function



Internal cable routing protects the motor power cord from external damage

Equipped with Electronic Safety Shutoff Sensor (see p. 25)

REVERSIBLE

4 Gears with Variable Speed



Twist Drilling



Tapping



Reaming



Countersinking

MAB 825

Standard model with 16 Amp motor

MAB 825 V

Includes automatic feed - ideal for production applications

MAB 845

Includes 30° movement left and right and 3/4" forward and backward

See pages 49 and 68 for Tap Holders and Accessories

Cutter Capacity



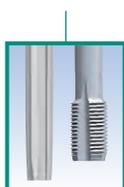
ø 4 1/16"

Twist Drill / Countersink



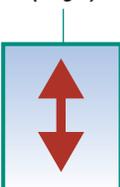
ø 1 1/4" / ø 2"

Ream / Tap



ø 1 1/4" / ø 1 1/8"

Stroke (length)



10"

4-gear Variable Speed (RPM)



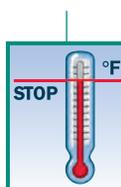
40-110
65-175
140-360
220-600

Electronics



Variable-speed Control

Overheat Protection



CoolMag™

Magnet Force Indicator



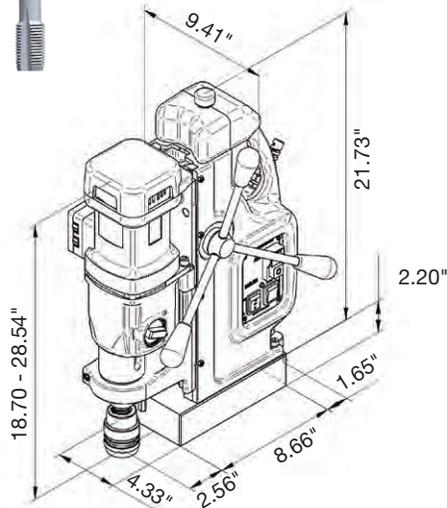
SafeMag™

Reversible (CW/CCW)



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

MAB 825 & MAB 845 Specifications



Model MAB 825, 825 V & 845



With an optional 3/4" geared chuck (Part No. IBC 21), this model easily converts to a standard drill press for conventional twist drills.



Model MAB 825 & 845 Specifications

Motor Power	16 Amp / 110 Volt
Weight	55 lbs.
Hole Capacity	4 ¹ / ₁₆ " dia.
Twist Drill Capacity	1 ¹ / ₄ " dia.
Tapping Capacity	1 ¹ / ₈ " dia.
Speed	40-110, 65-175, 140-360, 220-600 RPM
Magnet Base Size	8 ⁵ / ₈ " L x 4 ¹ / ₃ " W
Dimensions	18 ⁵ / ₈ " H x 14 ⁷ / ₁₆ " L x 9 ⁷ / ₁₆ " W
Magnetic Force (1" plate)	6600 lbs.
Arbor Bore	3/4" and 1 ¹ / ₄ ", standard
Spindle	MT3
Automatic Lubrication	Included
Automatic Feed	Order MAB 825 V
Swivel Base	Order MAB 845



Model MAB 845 features a swivel base providing 30° movement left and right and 3/4" forward and backward.

Standard Equipment

- 1 Magnetic drilling machine
- 1 Quick-change arbor system KEYLESS Weldon 3/4"
- 1 Manual arbor with set screws, Weldon 3/4", MT3
- 1 Arbor 1¹/₄" Weldon, MT3*
- 4 Pilot pins - 1", 2", 3" and 4" depth
- 1 Safety chain
- 1 Hexagon socket screw key SW 6
- 1 Drift key MT3
- 1 Warranty certificate
- 1 Carrying case**

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



* Optional accessory for MAB 825 V
** Not available for MAB 825 V

Rolling Transport Case

Robust transport case with wheels, carrying handle and sturdy closures. Included with MAB 825/845 – protect your drill from water and dust with this rugged case. (Part No. ZHK 825)



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