



Cutter capacity
2 1/2" dia.

MAB 525 & MAB 525 SB

UNITEC
Made in Germany
Powered by
BDS
MASCHINEN



High power, ideal for production use

Powerful • Reliable

- 14.5 Amp double-insulated motor
- 19" high, 35 lbs.
- High-speed, 2-speed oilbath gearbox, ideal for annular cutters and twist drills
- Designed for continuous use
- Intelligent electronic torque control

**Drill up to 2-1/2" dia.
Tap up to 15/16" dia.**

- Uses annular cutters up to 2-1/2" dia.
- Twist drilling capacity up to 1" dia.
- Tapping capacity up to 15/16" dia.
- Integrated cutting oil reservoir
- Automatic internal lubrication
- Swivel base (model MAB 525 SB)

Keyless Cutter Mount

- Quick-change keyless cutter system for 3/4" 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

Model MAB 525 SB features a swivel base providing 20° movement left and right and 5/8" forward and backward.

REVERSIBLE


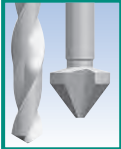




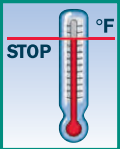


Internal cable routing protects the motor power cord from external damage

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



With the included 3/4" chuck (Part No. IBC 21), this model easily converts to a standard drill press with a 5" stroke for conventional twist drills.



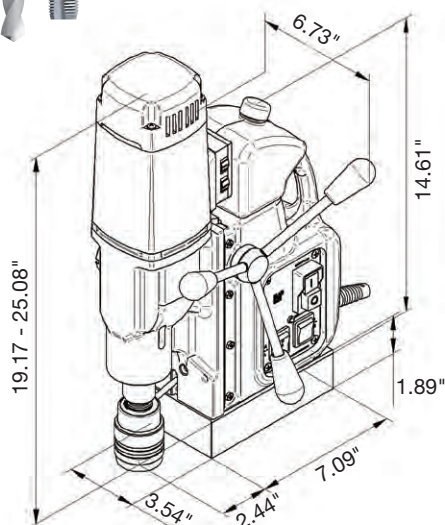
Cutter Capacity	Twist Drill / Countersink	Ream / Tap	Stroke (length)	2-gear Variable Speed (RPM)	Electronics	Overheat Protection	Magnet Force Indicator	Reversible (CW/CCW)
								
Ø 2 1/2"	Ø 1" / Ø 2"	Ø 7/8" / Ø 15/16"	6 1/3"	70-280 180-580	Variable-speed Control	CoolMag™	SafeMag™	

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

MAB 525 & MAB 525 SB Specifications



Cutter capacity
2 1/2" dia.



**Model MAB 525
& MAB 525 SB**



Model MAB 525 Specifications

Motor Power	14.5 Amp / 110 Volt
Weight	35 lbs.
Hole Capacity	2 1/2" dia.
Twist Drill Capacity	15/16" dia.
Speed	70-280 and 180-580 RPM
Magnet Base Size	7 1/8" L x 3 1/2" W
Dimensions	19" H x 11 3/4" L x 6 3/4" W
Magnetic Force (1" plate)	4500 lbs.
Arbor Bore	3/4" Weldon Shank
Spindle	MT3
Automatic Lubrication	Included
Swivel Base	Order MAB 525 SB

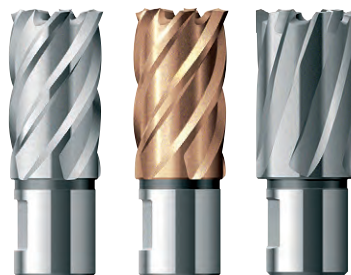


Standard Equipment

- 1 Magnetic drilling machine
- 1 Quick-change arbor system
KEYLESS Weldon 3/4"
- 1 Manual arbor with set screws,
Weldon 3/4", MT3
- 1 Geared chuck, 3/4"
- 2 Pilot pins - 1" and 2" depth
- 1 Safety chain
- 1 Drift key MT3
- Tap collet adapters - 1/4", 3/8", 1/2" and 3/4"
- 1 Warranty certificate

Standard Equipment

also includes
molded plastic
carrying case,
operating manual,
auto lubrication,
safety strap,
carabin hook and
allen keys.



See pages 56-61 for our HSS, TiAlN
and Carbide-tipped cutters.



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