

COMING SOON



JMC MAGFORCE 90

Compact magnetic base drill up to 1- 3/8
[36] in[mm]

Smallest and lightest magnetic base drill with forward/reverse operation on the market. Access hard-to-reach areas and easily work overhead or vertically.

Product number: 7 273 23 62 09 0

Details

- > Powerful, maintenance-free 10 A [1,200 W] HighPerformance brushless motor.
- > Take on any drilling application with its variable speed and forward/reverse operation.
- > Ratcheting handle allows you to work in even the tightest spaces.
- > German-engineered to be extremely durable, wear-resistant for drilling in tough applications.
- > Work safely: includes tilt sensor safety shutoff, easy to read magnetic holding force display, and personal safety switches.
- > User controls are always in view and intuitive to use because each control feels different.
- > High gear level for clear view of the hole location.
- > Large installation space below the drill spindle with a stroke of 1-13/16 [46] in[mm].
- > Drive shaft combined 1/2 in square and 8 mm hexagonal socket.
- > Integrated handle.
- > "Memory function" speed storage.
- > Storage for 5 mm Allen key directly on the tool.
- > Inner cooling lubrication with included hand pump.
- > Perfectly equipped for any job. Easily transported with our L-BOXX system.

Price includes

- ✓ 1/2 in ratchet
- ✓ 1 coolant pump
- ✓ 1 chip hook
- ✓ 1 centering pin 3-1/4" x 1/4" [82 x 6,35 mm]
- ✓ 1 additional handle
- ✓ 1 hexagonal socket key with T-grip, 5 mm
- ✓ 1/2 in socket wrench extension
- ✓ 1 safety strap
- ✓ 1 centering pin 3-1/8" x 3/16" [80 x 4,75 mm]
- ✓ 1 chip guard
- ✓ 1 Allen key 5 mm
- ✓ 1 plastic carrying case (L-BOXX 238)

Product feature

- ✓ Magnet holding force display
- ✓ Electronic speed setting
- ✓ Speed-controlled tacho electronics
- ✓ Forward/reverse operation
- ✓ Memory function
- ✓ Tilt sensor

Application

Mag base drilling metal up to 1-3/8 in dia.



Tapping





Countersinking



Performing overhead work



Installation work



Workshop jobs



★ suitable

★★ well suitable

Technical data

TECHNICAL DATA

Power consumption

1,200 W

Power output

680 W

Full load speed

130 - 610 rpm

No load speed

130 - 660 rpm

Carbide cutter max. dia.

1-3/8 [35] in[mm]

HSS cutter max. dia.

1-3/8 [35] in[mm]

Cutter max. drilling depth

1-3/8 [35] in[mm]

Twist drill max. dia.

9/16 [14] in[mm]
in[mm]

Tapping

3/8" (M10)

Max. countersinking dia.

1-1/4 [32] in[mm]

Reaming max. dia.

in[mm]

Cutter holder

3/4" Weldon

Stroke

1-13/16 [46] in[mm]

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA
Measurement uncertainty of
the measured value KpA

95,3 dB
5 dB

Sound power level LWA
Measurement uncertainty of
the measured value KWA

103,3 dB
5 dB

Peak sound value
LpCpeak
Measurement uncertainty of
the measured value KpCpeak

106,3 dB
5 dB

Vibration value 1 α_{hv} 3-
way
Measurement uncertainty of
the measured value K α

ah,D = <2,5 m/s²
1,5 m/s²

Minimum clearance	40 mm
Construction height	11-7/16" [290] in[mm]
Length	6-5/8" [169] in[mm]
Magnetic holding force	2248 [10,000] lbs[N]
Magnetic holding force	10,000 N
Magnetic base dimensions	6-7/8 [175] x 3-1/8 [80] in[mm]
Magnetic base dimensions	175 x 80 mm
Cable with plug	9.8 [3] ft[m]
Weight	18.74 [8.50] lbs[kg]
Weight	18.74 lbs

Application examples

