



## AJMU 137 PMQW AS

Cordless Universal magnetic base drill up to 1-3/8 [35] in[mm]

Single-speed cordless magnetic drill with universal features. Forward/reverse, double dovetail for extended stroke range and permanent magnet and maximum functionality for mobile work on the construction site.

Product number: 7 170 05 62 09 0

## Details

- + Extremely durable cordless mag drill with a FEIN PowerDrive designed for up to 60,000 holes during a 300 h usage period.
- + Lightweight tool that delivers up to 25% more battery life than our competitors. Using CORE 18V 12 Ah battery, up to 48 holes per charge (11/16" diameter on 1/2" mild steel plate).
- + The lightest cordless mag drill in the world at only 26.9 lbs. This drill features forward/reverse, electronic speed control, and 10-1/4" stroke range for maximum flexibility in all applications (drilling, tapping, twist drilling, reaming and countersinking).
- + Intuitive operator controls located on the top of the drill motor for maximum visibility.
- + A Convenient magnetic holding force indicator supports the safe positioning of the tool.
- + Workplace Safety: Tilt sensor safety shutoff will shut down the drill in the event it should move or break free from the workpiece.
- + MK2 tool mount for direct use of industrial tools.
- + Secure position thanks to extra narrow permanent magnet with pre-magnetization for convenient and simple alignment.
- + "Memory function" speed storage.
- + COOLPACK 2.0 technology ensures a 135% longer battery service life, enabling longer operation time.
- + State-of-the-art cell technology and intelligent battery management deliver 87% more power than conventional batteries.
- + CORE 18 V Li-ion battery with Highpower cells, charge indicator and electronic cell protection (ECP). ECP protects batteries against overloading, overheating and deep discharge.
- + \* optional using accessory.
- + \*\* Maximum performance with AMPShare CORE 18 V 8.0 Ah / 12.0 Ah

## Price includes

- |  |   |
|--|---|
| + 1 cordless magnetic core drill                       | + 1 coolant pump                                      |
| + 1 centering pin dia. 1/4 x 3-9/16 [6.35 x 90] in[mm] | + 1 centering pin dia. 1/4 x 3-1/4 [6.35 x 82] in[mm] |
| + 1 centering pin dia. 1/4 x 4 [6.35 x 100] in[mm]     | + 1 safety strap                                      |
| + 1 chip hook  | + 1 chip guard  |
| + 1 drift  | + 1 tool case   |

## Product feature

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

## Application

Mag base drilling metal up to 1-1/2" dia.





Twist drilling with drill chuck

+

Twist drilling with MT fitting

++

Tapping

++

Countersinking

++

Reaming

++

Performing overhead work

++

Installation work

++

+ suitable

++ well suitable

## Technical data

### TECHNICAL DATA

Battery voltage

18 V

Cutter holder

3/4" straight shank

Battery compatibility

Li-ion / CORE 18 V Li-ions\*\*

Battery interface

18 V AMPShare

Motor

brushless

Full load speed

130 - 520 rpm

Tool mount

MT 2

Carbide cutter max. dia.

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

HSS cutter max. dia.

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

Cutter max. drilling depth

2 [50] (3 [75] )\* in[mm]

### VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA  
Measurement uncertainty of the measured value KpA

81,6 dB  
5 dB

Sound power level LWA  
Measurement uncertainty of the measured value KWA

94,6 dB  
5 dB

Peak sound value  
LpCpeak  
Measurement uncertainty of the measured value KpCpeak

96,2 dB  
5 dB

Vibration value 1  $\alpha_{hv}$  3-way  
Measurement uncertainty of the measured value K $\alpha$

$\alpha_{h,D}$  0,6 m/s<sup>2</sup>  
1,5 m/s<sup>2</sup>

|                          |                                   |
|--------------------------|-----------------------------------|
| Twist drill max. dia.    | 3/4 [18] in[mm]                   |
| Tapping                  | 1/2"                              |
| Max. countersinking dia. | 1-1/4 [31] in[mm]                 |
| Reaming max. dia.        | 3/4 [18] in[mm]                   |
| Cutter change            | tool-free                         |
| Stroke                   | 5-5/16 [135] in[mm]               |
| Total stroke range       | 10-1/4 [260] in[mm]               |
| Magnetic holding force   | 2023 [9,000] lbs[N]               |
| Magnetic base dimensions | 7-11/16 [195] x 2-3/4 [70] in[mm] |
| Weight without battery   | 26.90 [12.20] lbs[kg]             |

### Application examples



