MAG 50 (600636500) Magnetic core drill

Order No. 600636500
EAN 4007430238214



Representative picture



- Magnetic core drill with large depth of feed, therefore suitable for use of core drills, spiral drills and countersinks
- Magnetic base with high holding power permits working on vertical surfaces and overhead
- Robust Metabo marathon motor with internal wiring for long service life
- Vario-Tacho-Constamatic (VTC)-Full Wave Electronics for work with materials requiring customised speeds, which remain constant under load
- Clockwise/anti-clockwise rotation with thread cutter
- Durable two-speed gearbox with oil bath lubrication for ideal speeds
- Integrated coolant container for easy to dose internal cooling of the core drill
- Bright LED light for easy alignment in poor light conditions
- Swarf protection can be fixed without tools and protects the user from metal shavings and tool contact
- Protective circuit starts motor only if the magnet is activated
- Overload protection: protects the motor from overheating
- Restart protection: prevents unintentional start-up after power supply interruption
- Lockable slide for comfortable tool change
- Handle for easy carrying and lifting
- Resistant mains cable (5 m) with rubber shroud

Technical values

KEY FIGURES

Rated input power	1200 W
Output power	620 W

Max. drill-Ø with core drill	50 mm / 2 "
Max. drill-Ø with spiral drill	20 mm / 3/4 "
Maximum drilling depth	50 mm / 2 "
Thread cutting	M 16
No-load speeds	100 - 250 / 200 - 450 rpm
Speeds at rated load	250 / 450 rpm
Tool holder	Morse taper MK 2 / Weldon shaft 19 mm (3/4")
Weight	12.7 kg / 28 lbs
Cable length	5 m / 16 ft
Torque	90 / 50 Nm // 797 / 443 in-lbs
Max. depth of feed	160 mm / 6 5/16 "
Max. magnetic holding force	12250 N
Dimensions of the magnet base	90 x 190 mm // 3 9/16 x 7 1/2 "
Height carriage lowest position	457 mm / 18 "
Height carriage topmost position	610 mm / 24 "

VIBRATION

Drilling in metal	2.5 m/s^2
Uncertainty of measurement K	1.5 m/s^2

NOISE EMISSION

Sound pressure level	82 dB(A)
Sound power level (LwA)	92 dB(A)
Uncertainty of measurement K	3 dB(A)

Scope of delivery

- Industrial holder for Weldon shank 19 mm
- Ejector pins 75 and 100 mm
- MK 2 drift key
- Safety strap
- Hexagon socket wrench SW 5
- Swarf protection guard
- Transport case