



KBM 50 auto

Metal core drilling unit up to 50 mm

Lightweight, powerful and ingenious 2-speed auto magnetic core drill offering maximum efficiency and minimum physical strain for core drilling in the workshop and on the construction site.

Product number: 7 270 42 61 00 0

Details

- + Extremely low-wear tool design with swivel-mounted motor cable protection hose for tough use in industry and manual trades.
- + Saves time and money when producing a large number of holes thanks to the digitally controlled drill feed.
- + With clockwise/anti-clockwise operation, electronic speed setting and a 315 mm stroke range, this is a universal tool for core drilling, twist drilling, tapping, countersinking and reaming.
- + Thanks to reproducible and timed drilling times, working hours for commissioned and serial work can be planned.
- + MT3 tool mounting.
- + FEIN high-power motor with stable speed.
- + Simple operating concept avoids mix-ups and can be clearly seen by the user.
- + High magnetic holding force.
- + Convenient magnetic holding force display helps the user to reliably position the tool.
- + Integrated coolant tank delivers long core drill bit lives.
- + Tilt sensor.
- + Speed saving "memory function".
- + Personal safety switch.
- + * Also available with accessories.
- + ** In manual tool mode only

Price includes

- + 1 coolant tank
- + 1 swarf hook
- + 1 drift key
- + 1 case
- + 1 lashing strap
- + 1 centering pin
- + 1 contact guard

Product feature

- + Electronic magnetic holding force
- + Automatic drill feed
- + Variable speed control
- + Speed-controlled electronics (tacho)
- + Magnetic holding force display
- + Reversible rotation
- + Memory function
- + Tilt sensor

Application

Core drilling in metal with a Ø up to 35 mm



Core drilling in metal with a Ø up to 50 mm



Twist drills with drill chuck (DIN 338)





Twist drills with MK fitting (DIN 345)

Tapping

++

Countersinking

++

Reaming

++

Fully-automatic drilling

++

Working overhead

+

Installation work

++

Workshop jobs

++

+ suitable

++ well suitable

Technical data

TECHNICAL DATA

Input	1,200 W
Output	610 W
Speed, full load	rpm
Load speed in speed 1	130 - 260 rpm
Load speed in speed 2	260 - 520 rpm
Speed, no load	rpm
Tool Holder	MK 3
Carbide core drill bit max. Ø	50 mm
HSS core drill max. Ø	40 mm

VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	82,1 dB 5 dB
Sound power level LWA Uncertainty of measured value KWA	93,1 dB 5 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	96,2 dB 5 dB
Vibration value 1 α_{hv} 3-way Uncertainty of measured value K α	< 2,5 m/s ² 1,5 m/s ²

Core drill, drilling depth max.	50(75)* mm mm
Twist drill max. Ø	18/23** mm mm
Tapping	M 16**
Countersinking max. Ø	50** mm mm
Reaming max. Ø	23** mm mm
Core drill holder	QuickIN
Changing the core bit	tool-free
Stroke	145 mm
Total stroke range	315 mm
Cable with plug	4 m

Application examples

