



## **KBU 110-4 M**

Universal magnetic core drill for up to 110 mm

High-performance and powerful 4-speed universal magnetic core drill with forward/reverse running, MT4 tool mounting and maximum functionality for the toughest drilling jobs in the workshop.

Product number: 7 270 60 61 00 0

## Details

- + FEIN 1700 W high-power motor with high torque for heavy-duty drilling work.
- + For tough use thanks to outstanding quality of workmanship and swivel-mounted motor cable protective hose.
- + Tool with extra large stroke range for all drilling work, such as core, twist and tap drilling, countersinking and reaming.
- + Mechanical 4-speed gearbox.
- + High magnetic holding force.
- + Torque support for high stability.
- + Tilt sensor.
- + Slipping clutch torque.
- + Convenient magnetic holding force display helps the user to reliably position the tool.
- + Speed reduction.
- + Reversible.
- + MT4 tool mounting.
- + Integrated coolant tank delivers long core drill bit lives.
- + Personal safety switch.

## Price includes

- + 1 magnetic core drill
- + 1 lashing strap
- + 1 centring pin, diameter of 6.35 x 80 mm
- + 1 centring pin, diameter of 4.75 x 100 mm
- + 1 socket head wrench 5 mm
- + 1 coolant tank
- + 1 swarf hook
- + 1 centring pin, diameter of 6.35 x 100 mm
- + 1 contact guard
- + 1 case

## Product feature

- + Magnetic holding force display
- + Variable speed control
- + Tilt sensor
- + Reversible rotation
- + Torque slipping clutch

## Application

- Core drilling in metal with a Ø up to 35 mm
- Core drilling in metal with a Ø up to 50 mm
- Core drilling in metal with a Ø up to 65 mm
- Core drilling in metal with a Ø up to 110 mm
- Twist drills with drill chuck (DIN 338)





Twist drills with MK fitting (DIN 345)

++

Tapping

++

Countersinking

++

Reaming

++

Working overhead

+

Installation work

+

Workshop jobs

++

+ suitable

++ well suitable

## Technical data

### TECHNICAL DATA

Input	1,700 W
Output	850 W
Core drill holder	Weldon 32
Load speed in speed 1	60 / 120 rpm
Load speed in speed 2	90 / 170 rpm
Load speed in speed 3	150 / 300 rpm
Load speed in speed 4	230 / 430 rpm
Idling speed in speed 1	100 / 190 rpm
Idling speed in speed 2	160 / 290 rpm
Idling speed in speed 3	270 / 500 rpm
Idling speed in speed 4	420 / 750 rpm

### VIBRATION AND SOUND EMISSION VALUES

Sound pressure level LpA Uncertainty of measured value KpA	86 dB 5 dB
Sound power level LWA Uncertainty of measured value KWA	99 dB 5 dB
Sound peak value LpCpeak Uncertainty of measured value KpCpeak	98,5 dB 5 dB
Vibration value 1 $\alpha_{hv}$ 3- way Uncertainty of measured value K $\alpha$	$a_{h,D} = 1,4 \text{ m/s}^2$ 1,5 m/s <sup>2</sup>

Tool Holder	MK 4
Carbide cutter max. dia.	110 mm
HSS core drill max. Ø	80 mm
Core drill, drilling depth max.	100 mm
Twist drill max. Ø	40 mm
Tapping	M 36
Countersinking max. Ø	60 mm
Reaming max. Ø	36 mm
Stroke	280 mm
Total stroke range	400 mm
Magnetic holding power	23,000 N
Magnetic foot dimensions	240 x 120 mm
Cable with plug	4 m
Weight	35.00 kg

## Application examples



