

Diamond Core Drills

DK 118 / DK 119



DK 118:
Dry drilling machine

*Low Speed for drilling
diameters up to 250 mm
Dust exhausting*



DK 119:
Wet drilling machine

*Overload clutch
Motor protection and soft start
by means of Intellitronic*

Technical Data:	Type	DK 118 / DK 119
Nominal Power	W	1600
Output Power	W	1100
Rated Speed	1/min	430
Total Length	mm	360
Weight without cord	kg	5,4
Drilling Ø approx.	mm	100 - 250
Tool Fixture		1 1/4"
Mounting Neck Ø	mm	60

Centering Spike for DK 118 / DK 119 - Length of drill bits 200mm **AS13.200**

The DK 118 is a dry drilling machine for special applications in masonry.
The DK 119 is a drilling machine for wet drilling in concrete.

DK 118 - Core drilling machine for creating big drill holes in masonry, especially in chimney brick und the installed ceramic tubes.

DK 119 - Core drilling machine for creating big holes in concrete, especially in sewer pipes.

The high torque, which is required for big drilling diameters, can be held by the cross handles of the DK 118 and DK 119 - switch handle and the extended handle.

Preferably drill bits with a thin bottom and diminished tube thickness are used for reducing the weight. For reducing the loosening torque, drill bits with a M33/3 thread are recommended.

For safely starting drilling, simply install the centering spike into the spindle, put the hardened spike onto the drilling center and start drilling.

Besides the high efficiency which is accustomed with WEKA, all three machines show following features.

Oil bath lubrication - Optimal gear lubrication for high efficiency and durability.

Overload clutch - protects operator, machine and tool against high mechanical overloads.

An indispensable safety element for hand operated core drills.

Intellitronic - the new electronic system starts the motor by means of a micro controller softly and thus avoids a too high start current.

When exceeding the over current threshold the electronic is showing this by a pulsating of the motor. If the operator now decreases the feed power, the motor works normal again. If the operator does not decrease the feed power the electronic switches the motor off after some seconds. After this action the motor can be started immediately. It is not required to wait a time period before starting again like on a thermal motor overload switch.

Thus the Intellitronic avoids overload conditions and increases safety, the operators comfort and the motors life time.

Leveling assistance - By two integrated levels an exact horizontal and vertical working positioning is possible.

Metal Casing - WEKA motor and gear cases are not made of plastics, but of aluminum. Therefore they are mechanically and thermally very stable.

WEKA and Environment - WEKA electric tools are mainly made of steel and aluminum. Plastics are only used if it is unavoidable. WEKA electric tools are very durable. Scrap-mature machines will be taken to pieces completely and separated materialy.

Moreover the machines are up to 90% recyclable.

The DK 118 / DK 119 is supplied with a complete tool set in a practical suitcase in which there is still room for a few drill bits.

Electrical Safety - WEKA diamond core drills correspond to the newest European regulations. The most important features are double insulation with an additional ground wire, that protects most of all against external voltage - drilling into a live line - and a residual-current-operated protective device (RCD) in the cord.

Threefold electrical protection - safety insulation + earth wire + protective switch

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