# 2-Speed
# Dry Core Drilling Machine
# DKS15

***Switchable soft percussion***
***Efficient dust extraction***
***Compact size***
**P-handle**



***Motor protection and softstart by means of Intellitronic***
***Oil bath lubrication***

**Technical Data**

| **Type** | | **DKS15** |
|---|---|---|
| Nominal power | W | 2000 |
| Output power | W | 1340 |
| Load speed | 1/min | 700/1700 |
| Length | mm | 510 |
| Weight | kg | 5,8 |
| (EPTA Procedure 01/2014) | | |
| Drilling Ø in concrete c. | | |
| in drill stand | mm | 30 - 150 |
| hand held | mm | 30 - 100 |
| hand held (masonry) | mm | 30 - 180 |
| Tool fixture | | 1 1/4" |
| Mounting neck Ø | mm | 60 |
| suitable drill rig type | | KS 18 |

**With the DKS15, WEKA presents a compact and powerful dry core drilling machine**

The on / off soft percussion function supports the powerful 2000W motor and speeds up work progress in reinforced concrete and hard materials. The drilling dust is removed from the diamond segments by the soft percussion and removed by the efficient dust extraction system.

The 2-speed dry drilling machine is designed for drilling diameters up to 200 mm and can be operated by hand or in the drill stand.
The DKS 15 comes complete with tool kit in a practical carrying case, which still has room for a few drill bits.

The outstanding efficiency of the engine and gear box guarantees exceptional drilling performance.
The DKS 15 has following outstanding features:

**Versions**
P-handle: DKS15, DKS15 L, DKS15 S

**Soft percussion function** - The soft percussion can easily be switched on or off by means of a twist grip arranged on the side of the machine. The soft percussion accelerates work progress in hard materials and supports transport of the drilling dust to the dust extraction.

**Dust-free work** - The efficient dust extraction system ensures dust-free work. The dust extraction piece is connected to the machine by an easy-to-remove locking spring.

**Compact size** - Due to the compact size of the DKS 15, the dry coring machine is handy and very user-friendly.

**Tool fixture** - The DKS 15 is fitted with a 1 1/4" UNC tool fixture. Thus you can use competitive standard drill bits which also offer a corresponding outlet for the dust exhausting on dry drilling.

**Elastic bore piercer** (accessory) - For easily starting to drill, simply put the centering spike into the spindle, put the hardened peak onto the drilling center and start to drill.
A practical support for drilling exactly into the center.

**2 - Speed gear** - Wide drilling range by mechanical adaption of speed and torque on the corresponding drilling diameter.

**Oil bath lubrication** - Optimal gear lubrication guarantees a long lifetime and high efficiency.

**Overload clutch** - protects operator, machine and tool against high mechanical overloads. An inevitable safety feature for handheld core drills.

**Intellitronic** - The new electronic system starts the motor by means of a microcontroller 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.

**Leveling aid** - Two integrated levels enable exact horizontal and vertical working positioning.

**Casing** - The gear box is made from aluminium and is thus mechanically and thermally extremely stable. For saving weight the motor case is produced of a impact-proof plastic.

**WEKA and Environment** - WEKA electric tools are very long-living. Scrap-mature machines will be taken to pieces completely and separated materially. Thereby the machines are 90% recyclable.

**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.