

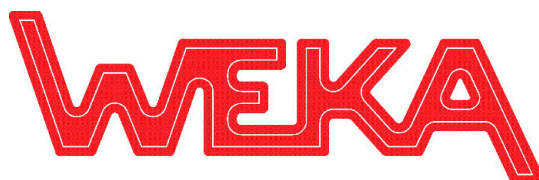
# Diamond Drill Rig KS 18



## Technical Data:

Type		KS18
Length	mm	770
Feed way	mm	514
Drill Bit length max.	mm	530
Drill Bit Diameter max.	mm	180
Inclination	degree	80
Mounting Neck Diameter	mm	60
Weight	kg	9,0

Diamond  
Core Drills



Diamond  
Saws

At first sight a drill rig like any other.

However, the new diamond core drill rig KS 18 has certain features which distinguish it from standard rigs.

Here are some of the special features:

**Guides and bearings** - Slip guides, slideways and bearings are made of a new compound material, i.e. extremely abrasion resistant, low in maintenance and extremely smooth gearing.

Thus, the slip guides can be prestressed easily. The feed carriage now slides absolutely free from backlash, yet running free on the drilling column.

For the drill bit this means:

**less pipe friction, less vibration** especially at the opening, but **much higher endurance**.

**Operating** - The KS 18 drill feed is operated by an ergonomically designed hand wheel which simply be placed on to the feed pinion either on the left- or right-hand side.

The rig pedestal can be fixed with dowel screws or vakuum. Only Vakuum fittings and a gasket are required for the vakuum fixture.

The drill column can, of course, be adjusted to an angle of more than 80°.

**Corrosion Protection** - All essential parts are rustproof. Drill column, struts, levelling screws, feed carriage levers and feed pinion are made of stainless steel. Feed carriage casing and pedestal are made of corrosion resistant aluminium alloy.

The KS 18 is recommended for WEKA diamond core drilling machines Type DK 12, DK 13 and DK 14, as well as for the DK 16, DK 17 and DK 18. The drilling machine is fixed into the rig at the collar. The spread diameter is 60 mm.

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