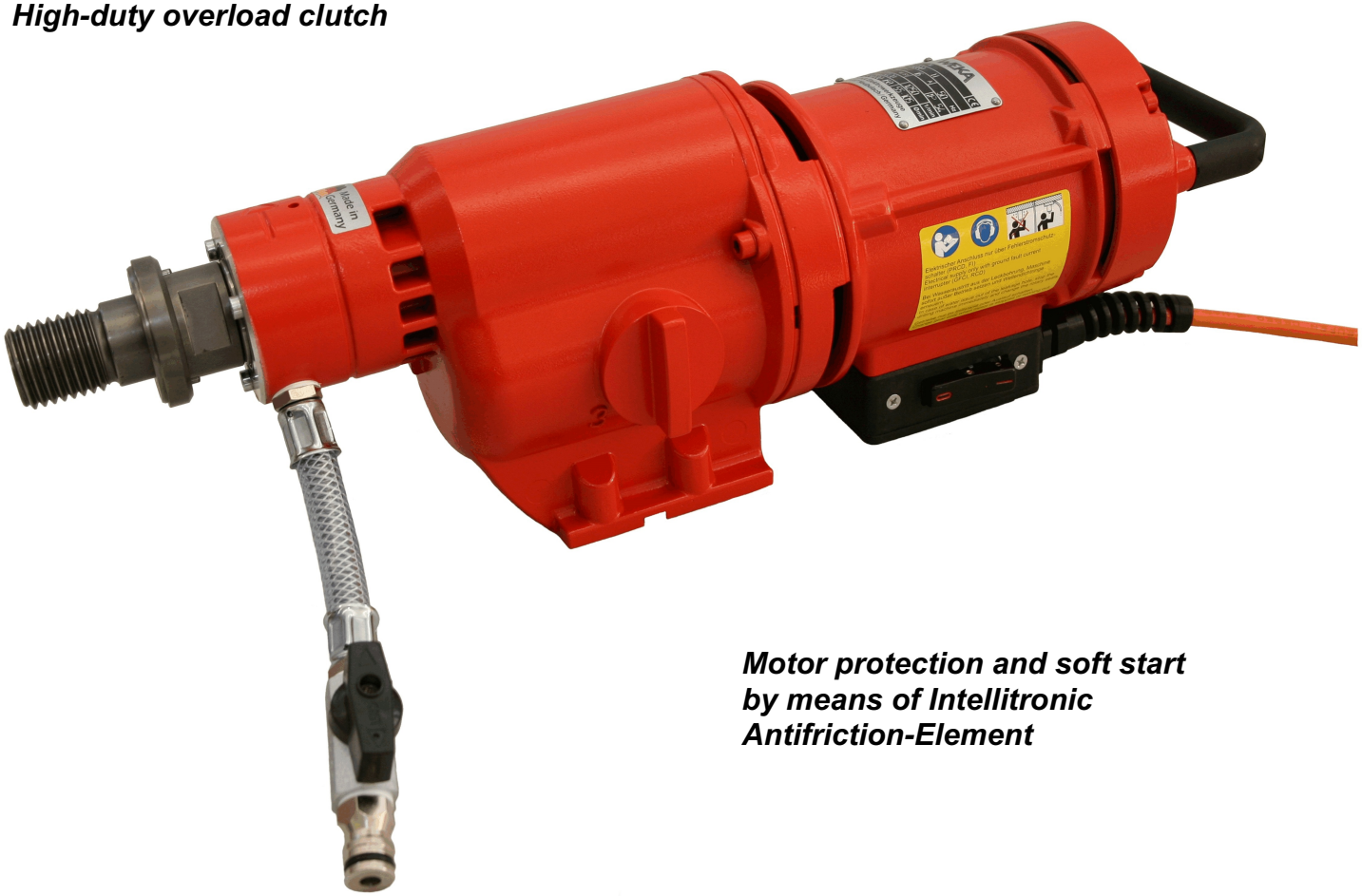
3-Speed Diamond Core Drill DK 26

Oil bath lubrication with oil pump
High-duty overload clutch



Motor protection and soft start by means of Intellitronic Antifriction-Element

Technical Data:	**Type**		**DK 26**	**DK 26 L**
	Nominal Power	W	2600	2600
	Output Power	W	1870	1870
	Nominal Speed (full load)	1/min	320/630/980	245/480/760
	Total length without handle	mm	490	490
	Weight without cable	kg	11,6	11,6
	Drilling Ø in concrete approx.	mm	40 - 250	50 - 310
	Tool fixture		1 1/4" UNC	
	Foot fastening		Standard 4 x M8 mit Nut 10 x 4,3	

Diamond Core Drills

Diamond Wall Saws

The DK26 from WEKA replaces the already legendary DK22 which is in use since 23 years successfully at professional users, but also at typical craftsmen. With more power and brought down costs by an aluminum die cast, it offers the operator a worthy successor also in price.

The DK26 features a high economic efficiency with a high quality standard and is suitable for steady professional use.
The outstanding degree of efficiency of motor and gear grant an extraordinary drilling performance.
The DK26 shows besides the above mentioned features following specialties:

3 - speed change gearing - Large drilling range (s. techn. Data) with favourable adapting of the speed to the respective drilling diameter.

Oil-bath lubrication - Optimal gear lubrication for high efficiency, high durability and less maintenance. The new and high effective oil pump takes care for an optimal lubrication for the first fast step of gear even in vertical operation.

Overload clutch - This novel multiple disk clutch protects operator, machine and tool against high mechanical overload. The bigger number of friction surfaces guarantees a nearly constant release torque even after many hundreds of release cycles of the clutch.
At proper use consequently a readjustment between the usual intervals of maintenance is no longer required.

Intellitronic - the new electronic system starts the motor by means of a micro controller soft and thus avoids a too high start current.
When exceeding the overcurrent 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.
Moreover the Intellitronic is registering the motor temperature and decreases the overload threshold when exceeding the operating temperature.
Thus the Intellitronic avoids reliable overload conditions and increases safety, the operators comfort and the motors life time.

Shaft protective sleeves - Sleeves on the spindle made from stainless steel take care for a maximum protection against rust and abrasion of the running surface under the rotary shaft seals.

Antifriction-Element - This smart ring fixed on the drill spindle is able to reduce the release torque for loosening the drill bit considerably.

Metal casing - Motor and gearbox are made from aluminum. This makes the DK 32 machanically and thermally stable and durable contrary to plastics cases.

WEKA and spare parts supply - WEKA electric tools grant the spare parts supply at least for 10 years. For the DK22 e.g. further on spare parts are supplied even after 23 years.

WEKA and environment - WEKA electric tools are mainly made of aluminum and steel. Plastics are only used if it is unavoidable. WEKA electric tools are durable. Scrap-mature machines will be taken apart completely and separated materially.
Thereby WEKA machines are 90% recyclable.

Electrical safety - The DK26 corresponds to the European safety directives.
According to these documents this machine is constituted with double insulation and an additional earth wire which protects the operator when drilling through an electric lead, as well as a fitted PRCD (portable residual current device) between the cord.
Threefold electrical protection: Double insulation + Earth wire + Ground fault current interrupter (PRCD)

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