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Diamond saw EDS 181 for wet and dry cutting



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Diamond saw EDS 181



The most powerful in its class

The new diamond saw EDS 181 is a powerful mobile machine for **wet and dry cutting with stones**, especially for window sills, patio slabs, worktops, cladding, stones in gardens and landscaping and also for **renovation of joint seals** in floors. It is the **most powerful device of its category** and smoothly cuts **stone materials of all forms such as granite, marble and artificial stones, concrete, terrazzo, and stoneware up to 63 mm* cutting depth**.

The EDS 181 is a handy machine for flexible use on building sites for tile layers and pavers, stonemasons, gardeners and landscape designers as well as for kitchen fitters. The **dry cutting option**, almost dust-free due to the industrial vacuum, is of **interest to applications, for which no wet cutting is possible or permitted**. Due to the high-performance overall concept, the EDS 181 is an **alternative to saw benches that are difficult to transport**.

With a specifically developed ergonomic handle, the machine concept is not based on the classical principle of the handheld circular saw and therefore enables very accurate cutting.

Mitre adjustment without the need
for any tools (from 0 - 45°)



* with diamond cutting disc Ø 200 mm – Zubehör

Ø 200



Artificial stone – terrace slabs
here: dry cutting



Natural stone window sills – milling of
joints
here: dry cutting with depth limiting



Concrete curbs in gardening and
landscaping
here: dry cutting

Electronic – soft start, temperature and over current cut-off, optical overload indication

Gardena-quick coupling adapter and 35 mm connection hose

with locking for suction hose which avoids unintentional loosening – easy change between dry and wet cutting

Water supply control – easy regulation of the water volume

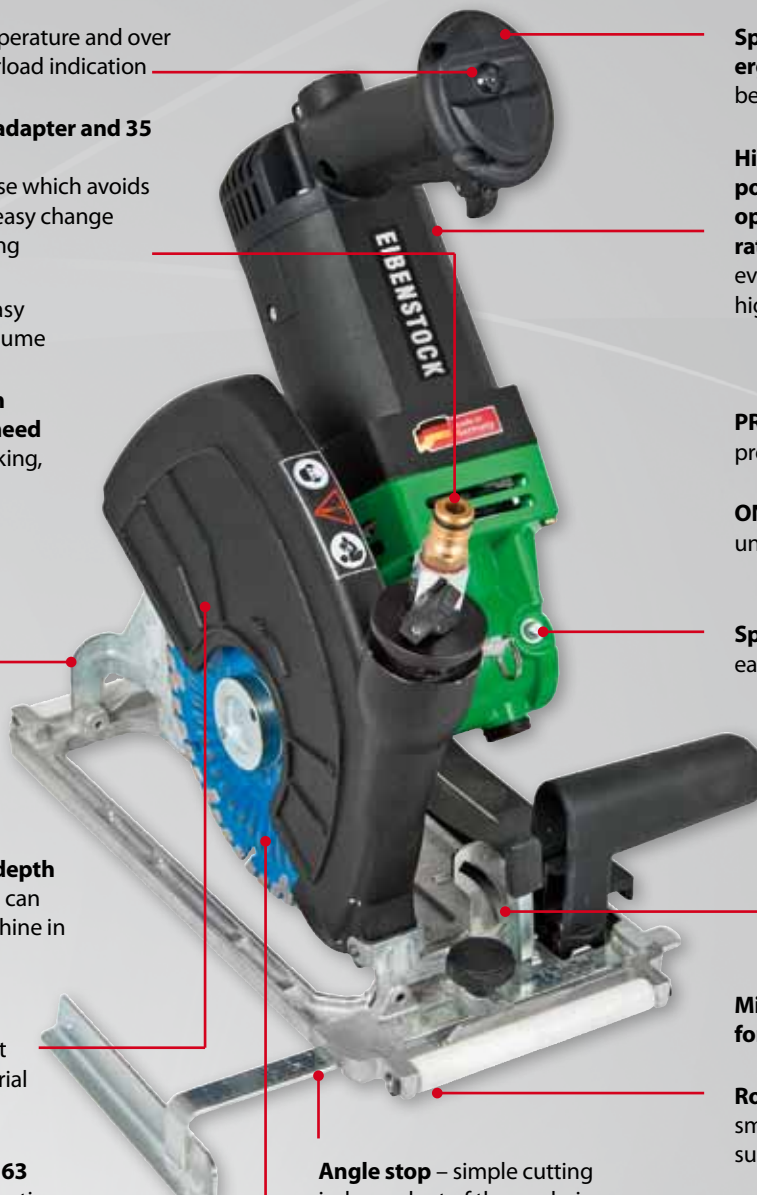
Continuous cutting depth adjustment without the need for any tools – precise working, especially for joint milling



Immersion function and depth limiting – precise cuts, you can begin the cut with the machine in the working area

Closed light metal-dust guard – extremely low dust dry cuttings with an industrial vacuum cleaner

Large cutting depth until 63 mm* – wide range of application



Angle stop – simple cutting independent of the workpiece size

Specially-developed ergonomic handle – better guiding of the machine

High-performance gearbox and powerful 2300 W motor with optimal speed-performance-ratio – ensures a fast working even through the hardest stone, high power reserves

PRCD integrated into the cable – protection of the operator

ON/OFF switch with lock – no unintentional switching on

Spindle lock – easy tool change



Mitre adjustment without the need for any tools (from 0 - 45°)

Roller guided plate – smooth-running, protects the surface



Reduce natural stone riser here: wet cutting with angle stop



Cutting to length of natural stone worktops here: wet cutting with guide rail



Joint milling here: dry cutting with depth limiting



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SPECIFICATIONS	EDS 181
Power input	2.300 W
Rated voltage	230 V ~
Rated speed	4.300 rpm
No-load speed	7.500 rpm
Max. disc Ø	200 mm
Spindle connection	22,2 mm
Max. cutting depth without guide rail	63 mm*
Weight without disc	7,7 kg
Order no.	0660P
Supplied	in a case with angle stop, diamond cutting disc Ø 180 mm and assembly tools

* with diamond cutting disc Ø 200 mm (accessories)



Machine on guide rail (accessories) – for precise cuts, unlimited extensions

Accessories	Description	Order-no.
	Guide rail (with 2 screw clamps) 750 mm	37461
	1500 mm	37462
	Assembly rail for guide rail 300 mm	37463
	2 suction holder for guide rail	37464
	Diamond cutting disc Ø 180 mm for concrete and hard natural stone	37443
	Diamond cutting disc Ø 200 mm for concrete and hard natural stone	37444
	Industrial vacuum cleaner DSS 25 A, wet/dry vacuum cleaner, 1400 W, 25 l tank volume	09915
	Industrial vacuum cleaner DSS 50 A, wet/dry vacuum cleaner, 1400 W, 50 l tank volume	09916
	Water tank 5 l plastic, 2,5 m hose with Gardena-Connector	35811
	Water tank 10 l metal, 3 m hose with Gardena-Connector	35812



Fixing of the guide rail by suction holder, optimal for floors and cut-outs in large plates



EIBENSTOCK

Elektrowerkzeuge GmbH Eibenstock
Auersbergstraße 10
08309 Eibenstock
Germany

Phone: +49 (0) 3 77 52 - 50 30
Fax: +49 (0) 3 77 52 - 20 19
Webseite: www.eibenstock.com

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