

Clean speed



Hilti DG 150 diamond grinding system

- Efficient
- Powerful
- Keeps dust to a minimum

HILTI

The professional diamond grinding system

Maximum efficiency

- Life expectancy up to ten times that of conventional angle grinders thanks to dust resistant Hilti SR motor
- Removal performance on mineral materials up to twice that of conventional angle grinders
- More rapid working progress and longer life saves time and money
- 2 years full service

Optimum performance

- New, specially-designed diamond cup wheels for highest grinding performance on various materials
- Removes thin coatings from mineral materials perfectly without clogging or smearing (type B1 cup wheel)
- Two speed settings permit optimum adjustment of grinding performance to suit the characteristics of the material worked on
- The ideal means of preparing surfaces

Optimum dust removal

- No visible dust emission thanks to dust hood with optimised air flow
- Diamond cup wheels with special dust extraction openings
- Hilti VCD50 dry vacuum cleaner incorporates new filter-cleaning system for consistently high suction power



User friendly

- No more changing carbon brushes - thanks to the Hilti DG 150's brushless motor
- No more stops for cleaning the vacuum cleaner filter
- Low weight for mobility and comfort
- Special adjustable grip for comfortable operation
- Optimum access at edges and in tight corners



The Hilti DG 150 is the revolutionary high-performance system for extremely efficient dry diamond grinding on coated and uncoated mineral materials. Developed specially for professional users, this hand-held tool not only achieves perfect results, it can do the job up to twice as quickly as a conventional angle grinder. The new Hilti DG 150 – the grinder that smoothes the way to higher productivity and lower costs.



The Hilti DPC 20 power unit, supplied as part of the DG 150 system, powers the grinder's SR motor by converting alternating current from the mains supply.

Technical data (DG 150 with DPC 20)

Nominal voltage:	230 V
Nominal current:	9.2 A
Power input:	2100 W
Power output:	1500 W
Mains frequency:	50/60 Hz
No-load speed, setting no. 1:	4700 U/min.
No-load speed, setting no. 2:	6600 U/min.
Weight (without DPC 20):	4.1 kg
Cup wheel diameter:	150 mm dia.
Electrical protection:	Protection class II z (double insulated)
Quick stop in two seconds or less after switching off, restart interlock, adjustable grip, dust hood with opening section and adjustable in height	





Professional grinding means grinding efficiently without causing dust. A dust-free working environment is not only less hazardous and clearly more comfortable to work in, it also boosts productivity.



Efficient removal of remains of coatings and tile adhesives on floors or balconies



High rate of removal and perfect finish on concrete or screed



Top grinding performance

Special cup wheels with innovative “boomerang” segment configuration achieve a rate of material removal previously considered impossible, particularly on mineral materials such as concrete.



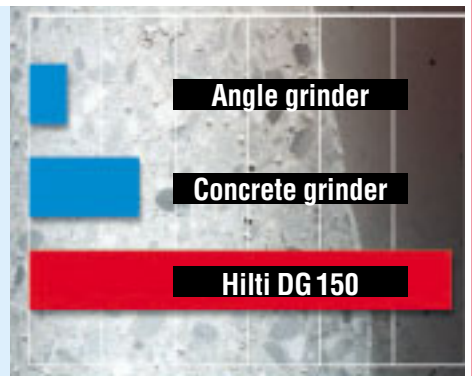
No clogging

Type B1 cup wheels, featuring a new self-sharpening principle, remove thin coatings perfectly without clogging or smearing. The Hilti DG 150 offers the added advantage of improving surface finish as the coating is ground off, thus saving a great deal of time.



Built to last

The powerful, brushless SR motor has a long life expectancy – up to ten times that of conventional motor systems. It's two speed settings permit optimum adjustment of grinding performance to suit the material worked on.



Removal of thin paint coatings on hard cement rendering

Adjustable dust hood

Dust hood height adjustment ensures optimum surface contact for maximum grinding performance and reliable dust removal at all times – even when the plastic lamellar ring and diamond segments become worn.



Right to the edge

The dust hood's built-in opening section provides unobstructed access to edges, against walls etc., making it easy to work on areas otherwise difficult to reach.



The incomparable system

DG 150 diamond grinder, complete

Ordering designation

DG 150 diamond grinder, complete

DG 150 with DPC 20 in Hilti toolbox, with 1 pair of goggles, 1 wrench, 1 clamping flange, 1 clamping screw (M13)

Item no.

369391/8



VCD 50 dry vacuum cleaner, complete

Ordering designation

VCD 50 dry vacuum cleaner, complete

In a cardboard box, with 1 filter, 1 hose, 1 tapered adapter, 1 dust bag

Item no.

369408/0



Accessories for the VCD 50

Ordering designation

Accessory set

For the VCD 50 / WVC: 2 extension tubes, 1 rotating nozzle with bend, 1 floor nozzle with brushes, 1 narrow nozzle, 1 hose (complete), 1 tapered adapter

Item no.

370636/3

Dust bag

For the VCD 50

370635/5

Filter insert, dust class L

For the VCD 50

371145/4

Toolbox

Box for mounting on rear of VCD 50 for additional stowage space

370638/9

Diamond cup wheels for the Hilti DG 150 (dry grinding)

Cup wheel: 150 mm dia., mounting hole: 19 mm dia.

Colour code	No. of segments	Package contents	Ordering designation	Item no.
C1	7	1	DG-CW 150/6" C1	369414/8
For concrete				
D1	7	1	DG-CW 150/6" D1	369417/1
For fine finishing on concrete, rounding edges				
C2	7	1	DG-CW 150/6" C2	369415/5
For flint concrete, hard rock				
A1	7	1	DG-CW 150/6" A1	369413/0
For screed, tile adhesive				
B1	16	1	DG-CW 150/6" B1	369418/9
For coatings on concrete, rendering and screed				



DG-CW 150/6" A1



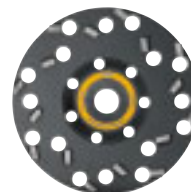
DG-CW 150/6" C1



DG-CW 150/6" C2



DG-CW 150/6" D1



DG-CW 150/6" B1



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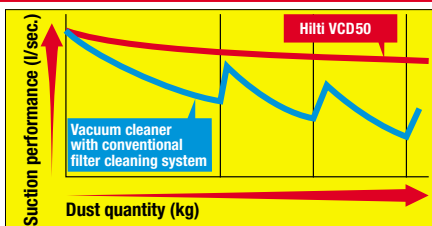
The clean machine

Revolutionary

The Hilti DG 150 system removes up to an incredible 95% of the dust produced when grinding mineral materials. The operator thus has a clear view of the work surface, ensuring faster progress and greater efficiency.

Dust removal in perfection

Taking perfect advantage of airflows inside the dust hood, optimised dust removal openings in the diamond cup wheels and the power of the VCD50 high-performance vacuum cleaner, the DG 150 system simply gives dust no chance. Your workforce and your clients thus no longer suffer the troublesome effects of dust.



Super suction

Featuring automatic filter cleaning at set intervals, the Hilti VCD50 achieves consistently high

suction performance over long periods of use, thus increasing efficiency and avoiding the need for annoying