

TEST REPORT



ePlanter GSR-18V-150C

Test number: 10659

FSH machines Aps.
Klokkestøbervej 31
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Danmark

<https://fshmachines.com/>



Results and evaluations

FSH machines Aps.; Klokkestøbervej 31; 8800 Viborg; Danmark

Planter ePlanter GSR-18V-150C with six-way charger Bosch GAL 18V6-80 and rechargeable battery Bosch GBA 18V 12.0Ah

Field of application		
Making planting holes with a diameter of approx. 40 mm to 80 mm, preferably for container plants. Preferably on cleared mineral soil.		
Can be used without restrictions in light soils. Applicability depends on the skeleton and root clay content as well as the selected drill diameter. Can only be used to a limited extent in stony soils.		
Operation, maintenance and product safety		
Item	Details	Rating
Execution	Cordless screwdriver BOSCH GSR-18V-150C Additional handle with drill shaft is firmly connected to the basic machine Modular planting drill consisting of three individual components screwed together (shaft, drill spiral, drill bit) Storage case (Bosch L-Boxx) for batteries and accessories	
Operating elements	Clearly arranged, easy to reach, good operation even with gloves on	+
Operating status display	Optical display of operating status, torque cut-off and charging status	+
Handling	Overall dimensions and weight	+
	Increased assembly effort when changing the drill bit	o
	Change the battery	+
Ergonomics	Upright body posture	+
	Support via two handles	o
	Anti-kickback shutdown integrated in the drill driver	++

Item	Details	Rating
Planting output*	Up to 200 boreholes / hour on prepared, light soils	+
Duration of use *	With battery 12 Ah up to 330 planting holes*	+

* Depends on soil conditions, drill diameter and borehole depth

Battery		
Charging power	With charger GAL 18V6-80 in 106 min to 100 % battery capacity	-
Constant energy output	No throttling of performance when the battery is low	n.e.
Energy content	158 Wh/kg	o
Bad weather operation	No operation permitted in rain	-
Status display	Bar display with 5 LEDs	+
Locking device	Removal from the side possible with gloves, safety lock	o
Fault tolerance	No abnormalities during the examination	+

Interchangeable battery system	Batteries with various battery capacities, recommended batteries for full power ProCORE18V series from 5.5 Ah	o	
Charger			
Charging technology	Multiple charger for serial charging of up to 6 batteries Ultra-fast charger available for 1 battery	o	
Interference immunity	No abnormalities during the examination	+	
Accessories			
Carrying case	Bosch L-Boxx Standard for storing 6 batteries, tools and drills	+	
Adapter/ Extension	Adapter for drill bits with M12x1.75 external thread and extension available	+	
Maintenance and care			
ePlanter	Low-maintenance electric drive, surfaces and tools easy to clean	+	
Carrying case, battery, charger	Low cleaning effort, smooth surfaces	+	
Operational safety			
System	No abnormalities during the examination	+	
Manual			
Execution	Pictured print version available	o	
Emissions (manufacturer information)			
Noise acc. EN 62841-2-1	Sound pressure on operators' ear	81 dB(A)	+
	Sound power level	92 dB(A)	
Vibrations EN 62841-2-1**	Total vibration value ah <2,5 m/s²		n.e.
** Determined according to normative procedure for cordless drill, deviating values are to be expected due to application as earth drill.			
Field of rating: ++ / + / o / - / -- (o = Standard; n.e. = no evaluation ; – Limit value complied with)			

Technical data (measured values)		
Main dimensions	Length	1160 mm
	Width (incl. battery, measured over additional handle)	495 mm
	Height (basic machine)	75 mm
	Handle width	255 mm
Arbeitslänge	Measured from the centre of the handle to the tip of the drill	1050 mm
Connection thread	ePlanter/ Shaft	M10 x 1,5
	Adapter	M12 x 1,75
Drill diameter ***	Drill bits	40/80 mm
	Drill bit	74 mm
Operating weight	Incl. battery, depending on equipment for drill holes from Ø 40 mm - Ø 80 mm	6,4 – 7,1 kg
Battery Bosch GBA 18V 12.0Ah	Weight	1,6 kg
	Capacity	12 Ah
	Energy contents	216 Wh
Battery multi-charger Bosch GAL 18V6-80	Weight	1,8 kg
	Power supply voltage	230 V

Engine data's
<ul style="list-style-type: none"> • Maintenance-free brushless DC motor • Supply voltage 18 V • Two speed settings selectable; 0-550 1/min and 0-2200 1/min • Maximum torque 150 Nm
*** Larger drill diameters available

This report is based on practical tests and measurements carried out by professional users according to the specifications of the Expert Committee on Equipment and Tools of KWF e.V.

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Approval until	June 2028	Spremberger Straße 1
First approval	June 2023	64823 Groß-Umstadt
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