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The revolution in table saws

Festool presents the new CSC SYS 50 cordless table saw

Extremely compact and versatile: With its modern and sophisticated design, which includes digital technologies, Festool's new CSC SYS 50 cordless table saw redefines industry standards. What's more, the new cordless table saw is so compact that it fits perfectly into a Systainer. This means that the new CSC SYS 50 delivers the same cutting precision on construction sites as a mains-powered panel saw does in a workshop. It performs excellently in every discipline, with parallel cuts up to 280 mm, a cross cut width of up to 450 mm and angled cuts of -2° to 47°.

Precise cuts at the press of a button, compact dimensions and a state-of-the-art operating concept – these are the ingredients that make up the new CSC SYS 50 cordless table saw. These features make it an indispensable aid for interior finishing, as well as for carpenters and floor layers. Its centrally positioned and easy-to-read display allows you to adjust the height and angle with absolute precision and in next to no time. This enables 100% repetition accuracy – cut after cut. In practice, it is more precise than with any yardstick. You can make even the most demanding cuts with maximum precision with the robust stop system made up of a parallel side fence, angle stop and sliding table.

"The CSC SYS 50 is the world's first portable table saw with electric height and angle adjustment and a display with menu navigation. This means that the new CSC SYS 50 marks a step towards digitalization. However, when we implement digital technology, we always focus on the benefits to customers. The CSC SYS 50's digital functions aren't a gimmick but offer real added value with respect to precision and enable a cutting quality of unprecedented consistency in a portable saw. Essentially, the CSC SYS 50 offers all the qualities of a contemporary panel saw but you can also take it with you onto construction sites," explains Wolfgang Reines, Product Manager of the new cordless table saw.

State-of-the-art operating concept

The key feature of the CSC SYS 50 is the centrally positioned display, with its non-slip dial and two buttons at the side. This enables you to effortlessly save up to four saw blade positions in just a few steps. Another clever detail is that linking the table saw to the Festool Work App enables additional saw blade positions to be saved. You can use the display to electrically adjust the height and angle at the press of a button – accurate to a tenth of a millimetre. The height and angle (available in millimetres and inches) are set parallax-free via the digital display and are therefore more accurate than any visual judgement. In addition, you can preselect speeds appropriate for the material via the digital display. "Work usually needs to be done quickly on a construction site. You often need to saw a rebate, groove or a flattening and are initially focused on measuring and setting the correct saw heights. The CSC SYS 50 makes this a thing of the past. In just a few steps, you can consistently set the height to within a tenth of a millimetre – without the need for any tedious measuring. What's more, in the special position of -10° , you can cut infill panels to size very quickly, accurately and without splinters," continues Wolfgang Reines.

Mobile sawing applications just like in the workshop

In addition to its state-of-the-art operating concept, the new Festool CSC SYS 50 typically impresses customers with extremely precise sawing results, which are in no way inferior to a mains-powered saw when it comes to precision and quality. This is thanks to, among other features, the high-

precision parallel side fence with double clamping (via a single lever). Moreover, it has a highly precise angle stop, which can be optimally aligned and centrally clamped via a groove on the slide and enables mitre angles of between -70° and $+70^{\circ}$. The ball bearing-mounted slide can be moved completely smoothly and ensures parallel and angled cuts with maximum precision. Another practical detail is that, in the limited range of a cutting height of 35 mm, it is even possible to make angled cuts of up to -10° . This is ideal for undercutting infill panels because the field of vision in which the workpiece is to be cut is at the top. You can saw long workpieces exactly, safely and easily in combination with a slide, preset profile setting rail and additional underframe support. You can also use a groove in the slide to safely clamp workpieces together with the Festool FSZ clamp clips, which are available as an option.

As powerful as a mains-powered tool

Nor is the CSC SYS 50 in any way inferior to a mains-powered tool when it comes to power. The CSC SYS 50 is powered by a brushless EC-TEC motor and a dual battery system with two 18 V battery packs (from 4.0 Ah). This combination ensures a long runtime. For example, the brushless EC-TEC motor is long-lasting, maintenance-free and, on top of that, powerful. With high speeds of 6800 rpm, it enables fast sawing progress and perfect cutting results in equal measure. Even for rip cuts in solid wood, you won't notice any difference compared with mains-powered machines. The dust collection bag allows you to work with low levels of dust, even without a mobile dust extractor. Nevertheless, the table saw is still an ideal partner for the new Festool CTC SYS, CTC MINI and MIDI cordless dust extractors.

Incredibly convenient and surprising versatile

The CSC SYS 50 cordless table saw is so compact that it fits into a Systainer. The table saw is as surprisingly versatile as it is convenient due to its size and cutting capacities, with parallel cuts up to 280 millimetres, a cross cut width of up to 450 millimetres and angled cuts of 2° to 47° . The simple space wedge changes for hidden cuts and rebates is another feature which extends the saw's range of applications. Moreover, you can reinstall the spacer wedge with the guard in an instant. "From the outset, we designed

the entire concept around the saw, and also its transportation, with a focus on mobility. We've rigorously designed every single detail, from the battery position to spacer wedge changes and the underframe, with a view towards the benefits to our users. We'd like our customers to just enjoy using this saw in their everyday work," says an enthusiastic Wolfgang Reines about the compact all-rounder.

Precise sawing on the go

Work is made even more convenient with the UG-CSC-SYS underframe specially developed for the CSC SYS 50. You can use this folding underframe to set the cordless table saw to the ideal working height in an instant. At the same time, it also serves as the ideal solution for transport from the vehicle to the construction site. In addition, the shovel of the hand truck can be used as a workpiece support, allowing you to safely machine long workpieces. The CSC SYS 50, packed in a Systainer, is compatible with both vehicle equipment. However, even when away from the vehicle, the CSC SYS 50 can also be transported easily in one hand in a Systainer. Another practical detail is that saw blades, a spacer wedge and a dust collection bag are securely stowed in the lid of the Systainer. After use, you can easily place the Systainer hood over the cordless table saw, which thus allows easy transport and protection. There is even space here for a preset profile setting rail and a parallel side fence. In short – the CSC SYS 50 offers precise sawing on the go! Another unique aspect is the three-year warranty, which also covers the battery packs and chargers. The new CSC SYS 50 cordless table saw will be available from selected retailers from February 2023.

Festool's battery-powered universe: There's more to it than "just" power

"Battery technology and battery-powered devices are an extremely significant trend on the tools market. We have tailored our strategy to reflect this and are continuously expanding our portfolio accordingly. We're not just blindly pursuing a strategy of using battery technology just for the sake of it – we want to take a more purposeful approach to ascertain how battery technology might best serve the application in question. We want to

optimise the results so that the products are perfect for their applications, and we want to make work easier, safer and better for tradespeople," says Sascha Menges, CEO of Festool GmbH. This commitment is embodied in exemplary fashion by the latest additions to the Festool 18 Volt System, in particular, the new CSC SYS 50 cordless table saw, the TSC 55 KEB plunge-cut saw, the QUADRIVE TPC 18 cordless impact screwdriver and the ExoActive exoskeleton that will be released in the course of 2023.

Total approx. 8712 characters (including spaces)

Technical data CSC SYS 50

Motor voltage	36 V
Cutting height	0–48 mm*
Cross cut width at 90°	450 mm
Parallel cut width	280 mm
No load speed	6800 rpm
Battery	2 x 18 V from 4 Ah
Saw blade diameter	168 mm
Bevel angle	-10° to -47°
Mitre angle	0° to 70°
Transport dimensions	512 x 396 x 296 mm
Total weight without battery packs	20.2 kg

* Higher cuts are also possible due to the manufacturing tolerances of the saw blade and power tool.

Image preview



Image: Festool-CSC-SYS-50-01.jpg
 Can you achieve the precision of a panel saw while you are on the move? Yes, you can – with Festool's new CSC SYS 50 cordless table saw.



Image: Festool-CSC-SYS-50-02.jpg
 From the outset, the entire concept around the saw, and its transportation in particular, was designed with a focus on mobility.



Image: Festool-CSC-SYS-50-03.jpg
 The 2 x 18 V dual battery system in combination with the brushless EC-TEC motor will impress you with maximum power and torque.



Image: Festool-CSC-SYS-50-04.jpg
 Sophisticated in every detail – including the easily accessible battery position.



Image: Festool-CSC-SYS-50-05.jpg
 Precise sawing without tedious measuring and adjustments – not a problem with the new CSC SYS 50.



Image: Festool-CSC-SYS-50-06.jpg



Image: Festool-CSC-SYS-50-07.jpg
Work is made even more convenient with the UG-CSC-SYS underframe specially developed for the CSC SYS 50.



Image: Festool-CSC-SYS-50-08.jpg
From the outset, the entire concept around the saw, and also its transportation, was designed with a focus on mobility.



Image: Festool-CSC-SYS-50-09.jpg



Image: Festool-CSC-SYS-50-10.jpg
You can saw long workpieces exactly, safely and easily in combination with a slide, preset profile setting rail and additional underframe support.



Image: Festool-CSC-SYS-50-11.jpg
Its centrally positioned and easy-to-read display allows you to adjust the height and angle with absolute precision and in next to no time.



Image: Festool-CSC-SYS-50-12.jpg

The 2 x 18 V dual battery system in combination with the brushless EC-TEC motor will impress you with maximum power and torque.



Image: Festool-CSC-SYS-50-13.jpg

Extremely compact and versatile – the new CSC SYS 50 cordless table saw allows you to achieve the same sawing quality while you are on the move as in a workshop.



Image: Festool-CSC-SYS-50-14.jpg

You can use the UG-CSC-SYS folding underframe to set the CSC SYS 50 cordless table saw to the ideal working height in an instant.



Image: Festool-CSC-SYS-50-15.jpg

Festool's battery-powered universe: There's more to it than "just" power

Image source: Festool GmbH