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Press release for the technical press

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Splinter-free in a single cut

**The new TSV 60 K plunge-cut saw with scoring function from Festool
– from May 2023**

Festool has been known as a byword for trustworthy quality and absolute precision since the introduction of its circular saws in 1962 and its plunge-cut saws in 1980. Festool is continuing this tradition with the introduction of its new plunge-cut saw with scoring function. With a 60 mm cutting depth, it produces splinter-free sawing on both sides, right from the very first cut. The integrated KickbackStop reduces the risk of injury and damage to the workpiece during a kickback. Thanks to the diverse range of system accessories, it is always mobile, precise and to exact dimensions. With the new TSV 60 K, workshop-quality results can be replicated on the construction site – just like with a stationary machine.

Festool has been well-known for its circular saws for many decades. "As early as the 1960s, Festool brought the world's first portable circular saw with a guide rail onto the market. It then launched the first plunge-cut saw at the start of the 1980s. We were always raising the bar for saws with our new models. And from May 2023, we're doing it once more with our new TSV 60 K plunge-cut saw with scoring function," says Boris Seyfried, Festool Product Manager for Sawing.

Splinter-free sawing on both sides – like never before

The new TSV 60 K plunge-cut saw with scoring function ensures splinter-free sawing on both sides right from the first cut. This makes it extremely efficient; the cut edges are immediately ready for further processing. "We have integrated a scorer into the new TSV; a never-before-seen innovation for hand-held plunge-cut saws. We constructed the scorer unit to have track and depth adjustment which guarantees exact adjustment options and, when combined with the diamond scoring saw blade, long-term perfect cut quality. This is even true for efficient, high-quality panel cutting," confirms Boris Seyfried.

Perfect panel cutting – now available anywhere on the construction site

"This is particularly practical for day-to-day work – you can now precisely cut even large panels without splinters with the new TSV, not just in the workshop but also anywhere on the construction site. With our numerous system accessories, it is like cutting with a stationary machine. It has never been seen before in this form – mobile and simultaneously precise, splinter-free sawing to exact dimensions," states Seyfried. Depending on the application, the scorer can be turned on or off as required. In particular, perfect results are important for panel cutting. And that is exactly why the new plunge-cut saw with scoring function can be used with a guide rail – exactly as you would expect from Festool. Thanks to the guide rails fixed with fastening clamps and the tool-free adjustable guide jaws, the TSV 60 K runs on the guide rail without any play at all, ensuring high-quality work results.

Greater safety when sawing – thanks to KickbackStop

"Our innovative and unique KickbackStop function on the plunge-cut saw with scoring function doesn't just protect the workpiece, but also minimises the risk of injury," says Seyfried. He goes on to say: "Our new TSV 60 K is safe and highly precise, and offers excellent, splinter-free results." In the event of a kickback, the KickbackStop is triggered by the saw blade jamming during sawing or plunge-cutting into the workpiece and stops the saw blade faster than the blink of an eye. This means that the saw recognises a kickback and stops the motor within a fraction of a second. Particularly

practical: Once the KickbackStop has been triggered, the saw is ready for use straight away without replacements or additional costs.

Truly versatile

"With our new TSV 60 K, we have created our most versatile plunge-cut saw to date. With the 60 mm cutting depth and a swivelling scorer unit, even mitre cuts up to 45° in combination with a guide rail are possible," says Boris Seyfried. The entire accessory system around the TSV 60 K only really demonstrates its versatility in day-to-day use. What's particularly practical is that the new plunge-cut saw can be combined with all cross cutting guide rails. This makes it incredibly easy to make reproducible, precise and clean cross cuts even "on a small scale". When developing the new TSV 60 K, Festool has considered many additional details such as the simple FastFix saw blade replacement, viewing window, speed control, exact depth setting with dual indicator and fine adjustment.

Robust, powerful and extremely efficient

Its latest-generation brushless EC-TEC motor makes the saw virtually maintenance-free and powerful. The maximum speed of 6800 revolutions per minute ensures ideal machining, an effortless feed rate and, as a result, the best cutting quality. This means that the new plunge-cut saw with scoring function is robust and, in combination with the comprehensive saw system, sophisticated down to the very last detail. It handles both precise cutting in solid wood and efficient panel cutting with aplomb – and all this whilst splinter-free on both sides. Say goodbye to time-consuming reworking.

Uncompromising performance

The new TSV 60 K is completely covered by Festool Service, offering you peace of mind for your day-to-day work. This includes repair orders, warranty claims, protection against theft and spare part availability.

The new TSV 60 K plunge-cut saw with scoring function will be available at specialist traders from **May 2023**. More information will be available on www.festool.co.uk from 14th February 2023

Total approx. 5.580 characters (including spaces)

Technical data for the TSV 60 K

Power consumption (plunge-cut saw/scorer)	1500 W/190 W
No-load speed (plunge-cut saw/scorer)	3000 to 6800 rpm/ 16,000–22,000 rpm
Saw blade diameter (plunge-cut saw/scorer)	168 mm/47 mm
Angular range	0 to 45°
Cutting depth	0–62 mm
Connection Ø d/e	27/36 mm
Cable length	4 m
Weight	6 kg

Image preview



Image: Festool-TSV60K-01.jpg

TSV 60 K plunge-cut saw with scoring function: Splinter-free – sawing like never before.









Image: Festool-TSV60K-02.jpg

Perfect from the very first cut – with the new TSV 60 K plunge-cut saw with scoring function



Image: Festool-Boris-Seyfried.jpg

"Splinter-free cutting on both sides – with a cutting depth of 50 mm – this has never before been available on a hand-held plunge-cut saw," states Festool Product Manager Boris Seyfried.

	<p>Image: Festool-TSV60K-03.jpg The integrated scorer ensures splinter-free cuts on both sides from the very first cut. That way, the cut edges are ready for further work straight away.</p>
	<p>Image: Festool-TSV60K-04.jpg Scorer unit track and depth adjustment: Precision adjustments of the scoring saw blade for a splinter-free cutting edge.</p>
	<p>Image: Festool-TSV60K-05.jpg The diamond scoring saw blade guarantees a very long service life and perfect cut quality time and time again.</p>
	<p>Image: Festool-TSV60K-06.jpg Depending on the application, the scorer can be activated and deactivated as required.</p>
	<p>Image: Festool-TSV60K-07.jpg Perfect results: Thanks to the guide rails fixed with fastening clamps and the tool-free adjustable guide jaws, the TSV 60 K runs on the guide rail without any play at all.</p>
	<p>Image: Festool-TSV60K-08.jpg The TSV 60 K plunge-cut saw can also be combined with the FSK cross cutting guide rail, for a portable system enabling quick and accurate cross cuts to be made.</p>






	<p>Image: Festool-TSV60K-09.jpg The integrated KickbackStop reduces the risk of injury and damage to the workpiece caused by kickback during sawing or plunge-cutting into the workpiece. Once the saw has been triggered, it is ready for immediate use without having to replace any parts or additional costs.</p>
	<p>Image: Festool-TSV60K-10.jpg The brushless EC-TEC motor guarantees consistent high cutting power – virtually maintenance-free and extremely powerful. The high-speed, brushless EC-TEC motor at 6800 rpm enables work to progress effortlessly while requiring less force.</p>
	<p>Image: Festool-TSV60K-11.jpg Perfect cutting result A cut comparison using the new TSV 60 K plunge-cut saw with scoring function:</p> <ol style="list-style-type: none"> 1. Splinter-free cuts on both sides, immediately ready for further processing. > 2. Plunge-cut saw with splinter guard on both sides: Best cutting quality, virtually splinter-free. 3. Plunge-cut saw without splinter guard: Visible splinters on the cutting edges.
	<p>Image: Festool-Service-Warranty.png All Festool chargers and battery packs, like all Festool tools, are of course completely covered by Festool SERVICE, giving you peace of mind for your day-to-day work.</p>
	<p>Image: Festool-Service.jpg Uncompromising performance: Whether for repair orders, warranty claims, protection against theft or spare part availability, you can rely on Festool's comprehensive service.</p>

Image source: Festool GmbH