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Press release long/medium/short – social media

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Extra power for cordless tools
Festool introduces TBX 4 and TBX 8 tableless batteries
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Press release (long)

– with 4,062 characters (including spaces) –

Extra power for cordless tools

Festool introduces TBX 4 and TBX 8 tabless batteries

With the new BP 18 TBX 4 and BP 18 TBX 8 Tabless battery packs, Festool is taking the performance of its 18-volt platform to a new level from April 2026. The innovative Tabless cell technology delivers noticeably more power, longer runtimes and significantly shorter charging times – a real power upgrade for all applications, from heavy-duty sawing to fine sanding. The new battery packs completely replace the previous Li-HighPower 4.0 Ah and 8.0 Ah packs and are compatible with all Festool 18V machines as usual.

Tabless – what's behind it?

"Figuratively speaking, the energy flow has been moved from a country road to a multi-lane motorway," explains Volker Kaupp, Product Manager at Festool. While conventional lithium-ion battery cells conduct electricity via individual tabs per pole, tabless cells have numerous parallel contact points. This reduces internal resistance, avoids hot spots, makes energy flow more efficient and reduces heat generation.

The advantages at a glance

- More power for demanding applications
- Significantly longer runtimes
- Shorter charging cycles due to lower heat generation
- Less ageing and therefore longer service life
- Excellent performance at high and low temperatures

Measurably more power in everyday use

The advantage of Tabless technology is particularly evident in energy-intensive machines. Because Tabless cells heat up significantly less than conventional cells, even under continuous load, they can utilise their full capacity without premature shutdown.

Internal measurements prove:

- up to 43 per cent longer runtime when sanding with the cordless sander,
 - 31 per cent more metres cut in 22 mm OSB with the cordless plunge saw,
 - up to 68 per cent more screw connections (e.g. 10×300 mm) and
 - 49 per cent shorter charging cycles in combination with the SCA 16 quick charger.
- The charging process can start immediately – waiting times due to cooling down are largely eliminated.

The more extreme the application, the more obvious the advantage of tabless technology. For machines with moderate energy requirements, the runtime remains stable – for energy-hungry devices, on the other hand, it increases by up to 100 per cent in some cases.

Two batteries and one goal: maximum performance

TBX 4 – compact, lightweight, powerful: the right battery for long working days and precise applications where low weight counts – without compromising on performance.
TBX 8 – maximum runtime & performance: Perfect for energy-hungry heavy-duty saws or angle grinders in continuous operation. In combination with the SCA 16, the TBX 8 shows its full charging time potential: the charging time is significantly reduced to just 25 minutes.

"With the new TBX 4, we offer full power with low weight – noticeable on the wrist. And those who need maximum power and endurance can opt for the TBX 8: more metres, more cuts, fewer charging breaks," says Kaupp.

Compatible, future-proof – at no extra cost

All Festool 18V chargers can still be used; the SCA 16 achieves the fastest charging times. Familiar features such as interfaces, Bluetooth® functionality and the robust rubber coating remain unchanged. The new "TBX" imprint makes the tabless technology recognisable at a glance. Despite the clear technological advantage, the same price applies for more power.

For all trades – from precise to powerful

Whether drilling, screwing, sawing, sanding, milling, planing or vacuuming – Tabless cell technology acts as a power upgrade for the entire Festool 18V portfolio. Professionals benefit from high and reliable performance – even in cold winter weather or hot summer conditions. "Tabless cell technology is a quantum leap in battery technology. It results in significantly less heat generation, more power, longer runtimes and shorter charging times," emphasises Kaupp.

A detailed TechTalk with Festool's development department and users is available on the Festool blog. An overview of 18V battery and charger compatibility can be found at festool.co.uk/18v

Press release (medium)

– with 1,759 characters (including spaces) –

Extra power for cordless tools

Festool introduces TBX 4 and TBX 8 tabless batteries

Festool is taking its 18-volt platform to a new level of performance from April 2026. Thanks to modern cell technology, the new BP 18 TBX 4 and BP 18 TBX 8 tabless battery packs offer noticeably more power, longer runtimes and significantly shorter charging times. They completely replace the previous Li-HighPower 4.0 and 8.0 Ah batteries and remain compatible with all 18V machines.

Tabless cell technology

"Figuratively speaking, the energy flow has been moved from a country road to a multi-lane motorway," explains Volker Kaupp, Product Manager at Festool. While conventional lithium-ion battery cells conduct electricity via individual tabs per pole, tabless cells have numerous parallel contact points. This reduces internal resistance, prevents hot spots, makes energy flow more efficient and reduces heat generation.

Measurable advantages

Internal measurements prove: up to 43 per cent longer runtime when sanding, 31 per cent more metres cut in OSB, 49 per cent shorter charging cycles with the SCA 16 and up to 68 per cent more screw connections. Tabless technology really comes into its own in machines with high energy requirements.

TBX 4 and TBX 8

The TBX 4 impresses with its excellent performance, low weight and compact dimensions – ideal for precise work and long days on the job. The TBX 8 delivers maximum power and endurance for energy-hungry saws and angle grinders in continuous use. "More metres, more cuts, more runtime – with fewer charging breaks," summarises Kaupp.

A detailed TechTalk with the Festool development department and users is available on the Festool blog. An overview of 18V battery and charger compatibility can be found at festool.co.uk/18v

Press release (short)

– with 661 characters (including spaces) –

Extra power for cordless tools

Festool introduces TBX 4 and TBX 8 tabless batteries

With the new TBX 4 and TBX 8 tabless batteries, Festool is introducing a noticeable performance upgrade for the 18-volt platform from April 2026. Tabless cell technology reduces internal resistance, keeps the battery cooler and enables more power, longer runtimes and significantly shorter charging times. Measurements show up to 43 per cent longer runtime when sanding, 31 per cent more cutting metres and up to 68 per cent more screw connections. A TechTalk is available on the Festool blog, as well as an overview of 18V battery and charger compatibility at festool.co.uk/18v

SOCIAL MEDIA

– with 260 characters (including spaces) –

More power for professionals: Festool is launching the new TBX 4 and TBX 8 tabless batteries in 2026.

- ✓ More power
- ✓ Longer runtime
- ✓ Faster charging times

TechTalk on the Festool blog and an overview of 18V battery and charger compatibility at festool.co.uk/18v

NEWSLETTER

– with 782 characters (including spaces) –

More power in the Festool 18V system: the new tabless batteries are here!

From April 2026, Festool will be giving all 18V cordless tools a significant performance boost with the new TBX 4 and TBX 8. The modern tabless cell technology ensures longer runtimes, faster charging times and noticeably more consistent performance – even under high loads.

Whether for precise sanding work or heavy-duty sawing, the new batteries stay cooler, work more efficiently and deliver significantly more endurance. The TBX 4 impresses with its excellent performance, low weight and compact dimensions, while the TBX 8 delivers maximum power and endurance.

🔗 More information about the TBX launch can be found in the TechTalk on the Festool blog and in the compatibility overviews at festool.co.uk/18v

Technical data

TBX4

TBX8

Voltage (mains voltage)

18 V

18 V

Capacity

4.0 Ah

8.0 Ah

Technology

Bluetooth®

Bluetooth®

Product weight without accessories

0.6 kg

1 kg

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Extra power for cordless tools: Festool introduces Tabless TBX 4 and TBX 8 batteries



Tabless battery pack TBX 4: The compact one

Full power with low weight – with Tabless cell technology



Fatigue-free working: The TBX 4 Compact battery pack is particularly light and handy – a power pack with full performance at a weight of only 600 g.



Stay connected: The battery pack can be easily connected to the Festool app. This gives you access to operating data such as temperature and charge level at any time. Regular software updates keep the battery pack and machine up to date.



Lightning-fast charging: Tabless batteries can be charged directly without a cooling phase due to their low heat generation – so they are ready for use again in no time.



Tabless battery pack TBX 8: The endurance champion

Extremely powerful with a long runtime – with Tabless cell technology



Extremely powerful with a long runtime: thanks to Tabless cell technology, the TBX 8 battery pack is ideal for heavy-duty applications with the highest power requirements.



Charged in a flash: thanks to their low heat generation, Tabless batteries can be charged directly without a cooling phase, meaning they are ready for use again in no time at all.



Volker Kaupp – Product Manager at Festool and responsible for Tabless.