

Festool, Wendlingen (Germany) – January 2021

Press release for the technical press

Infoline for reader and journalists

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Power as good as from a socket

Free yourself from the constraints of electrical sockets: The new SYS-PowerStation from Festool

Picture the scene: You go to the building site and you have enough power for an entire day's work in the latest generation Systainer format – robust enough for the rigours of a building site – enabling you to work without interruption, even when there's no power source on site or within reach. No longer is this the stuff of make-believe – it's now reality thanks to the new SYS-PowerStation from Festool. Boasting 1500 watt-hours, a full 3680 watts of continuous power output and a top power output of up to 18,000 watts, the portable energy storage device delivers a reliable 230-volt mains voltage that lasts. In other words: Used with the Kapex KS 60 sliding compound mitre saw and added mobile dust extractor, you can complete 560 cross-cuts, enough for a parquet floor. With the Planex long-reach sander and connected mobile dust extractor, which are also mains-operated, you could even sand a 200 square-metre surface.

Work whenever you want, wherever you want, with whichever mains-powered machine you want. The SYS-PowerStation puts an end to those cumbersome lengths and lengths of cable and the constant search for power sockets, keeping you supplied with power at all times wherever you go. The

result: Mains-operated power tools can be used more flexibly, making them effectively portable. The new SYS-PowerStation is also compact and portable, and stores up to 1500 watt-hours of electricity. That is equivalent to the energy supplied by 20 battery packs. As such, it has enough energy for a full day's work without mains power, making users completely independent of traditional power sources, such as sockets, site distribution boards or generators. In contrast to its predecessor, the new SYS-PowerStation stands out for its zero-emissions operation. This means it is silent and produces no harmful fumes when in use – making the SYS-PowerStation better for your health and the environment, as well making it ideal for use indoors. "The SYS-PowerStation turns every mains-powered machine into a cordless machine. Even power-hungry machines such as a large carpentry saw can be rendered portable and reliably powered by the SYS-PowerStation", explains Product Manager Volker Kaupp. Then there's the comparatively low weight: At 16 kilograms, the SYS-PowerStation measures only 50 to 70 percent of its counterparts' weight. The portable energy supply comes in the ultra-compact Systainer³ format and is also splash-proof (IP44), making it robust enough for use on building sites.

Power as good as from a socket

With 3680 watts continuous power and up to 18,000 watts short-term power, the SYS-PowerStation provides enough energy to power all mains-operated tools – even mobile dust extractors, large saws and hammer drills. Its combination of high-performance capabilities and large power storage with compact design and comparatively low weight makes it a one-of-a-kind on the international market. The SYS-PowerStation is not only compatible with all Festool corded power tools, but also supplies electricity to all mains-operated power tools from other manufacturers. It powers these without any loss of performance – just like a standard 230 V electrical outlet module. In normal conditions, it takes 3 hours to fully charge the battery. During this process the intelligent charging management system adjusts the charging strategy depending on the current cell temperature. This minimises charging times while protecting the battery cells. The SYS-PowerStation operating concept has been purposefully designed to be clearly organised and as simple as possible. The mobile socket is intuitive to use via the front

panel of the practical Systainer³ housing: Integral to this mobile socket are the ergonomic and centrally positioned on/off switch and the power connection for all* mains-operated tools. Operators can easily see the current state of charge at any time by checking the integrated LED charging indicator on the front face. There is also a second on/off switch inside the Systainer to prevent the device being accidentally switched on in transit. Also located on the front and therefore easy to access is the USB-C port for quickly charging other portable devices such as tablets or smartphones.

Planning assurance on the building site

Thanks to the new SYS-PowerStation, unpleasant surprises and work disruptions are now a thing of the past: Every construction site job can be planned with certainty. Say goodbye to the time-consuming search for electricity – not to mention the hassle of pulling cables, the overloaded site distribution boards or problems with fuses switching off.

Zero emissions – full power

On many building sites, a thick haze hangs in the air: CO₂, nitric oxide and fine particles that irritate people and the environment alike. The primary contributors include tools and machines powered by combustion engines, such as diesel generators. The new mobile SYS-PowerStation, however, is an important player in the quest for zero-emissions building sites. Providing 1500 watt-hours, it has enough energy to power all mains-operated tools on the building site without releasing any emissions into its surroundings. Protecting the environment and protecting worker health.

Full charge – full service

Of course, the SYS-PowerStation also has all-round protection with Festool Service. Our "Full repair, free of charge" is included – fast, thorough and completely free for the first three years. The full warranty conditions can be found at www.festool.co.uk once the machine goes on sale.

For further information, visit www.festool.co.uk/powerstation

Total approx. 5740 characters (including spaces)

* Only use with machines that do not require an earthed power supply.

Technical data	SYS-PowerStation
Mains connection	230 V~/50 Hz pure sine
Nominal energy content	1555 Wh
Continuous power	3.680 watts (2.990 Watt UK)
Peak power (<0.5 sec.)	18.000 watts
Peak power (<6.0 sec.)	7.200 watts
Battery technology	Li-ion
Charging duration (depending on cell temperature)	3.0 hours*
IP protection class	IP44
Size	Systainer SYS3 M187
Weight	16.5 kilograms
AC output	220 V to 240 V~ / 50/60Hz
AC input	220 V to 240 V~ / 50/60Hz
USB type C (output)	5 V to 20 V / 3 A / 15 to 60 W

Image preview



	<p>Power as good as from a socket Free yourself from the constraints of electrical sockets: The new SYS-PowerStation from Festool</p> <p>Image: Festool-SYS-Powerstation-00.jpg Image: Festool-SYS-Powerstation-00b.jpg</p>
	<p>Image: Festool-SYS-Powerstation-01.jpg With 3680 watts continuous power and up to 18,000 watts short-term power, the SYS-PowerStation provides enough energy to power all mains-operated tools – even mobile dust extractors, large saws and hammer drills.</p>



Image: Festool-SYS-Powerstation-02.jpg
 With the Kapex KS 60 and added mobile dust extractor powered by the SYS-PowerStation, you can complete 560 cross-cuts, enough for a parquet floor.



Image: Festool-SYS-Powerstation-03.jpg
 With 3680 watts continuous power and up to 18,000 watts short-term power, the SYS-PowerStation provides enough energy to power any mains-operated tool.



Image: Festool-SYS-Powerstation-04.jpg



Image: Festool-SYS-Powerstation-05.jpg
 Operators can easily see the current state of charge at any time by checking the integrated LED charging indicator on the front face.



Image: Festool-SYS-Powerstation-06.jpg

Image source: Festool GmbH