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Press release for the technical press

A revolution in dry mortarless construction

The new PLANEX LHS 2 225 EQI long-reach sander from Festool

From October 2020, Festool is releasing a newly developed long-reach sander onto the market. The new PLANEX long-reach sander is set to revolutionise the sanding of walls and ceilings. The LED light ring surround highlights unevenness when sanding, thereby preventing the need for costly reworking. The laborious installation and transportation of light sources is therefore also no longer necessary. The eccentric sanding motion ensures a premium surface quality – without any sanding marks. Ensuring ergonomics whilst working on walls and ceilings was the focus of the product development team: With adjustable extraction, a variable working length and a clever T-handle. The result: Comfortable handling for sanding without fatigue – even during lengthy tasks.

From October 2020, painters, drywallers, plasterers, and all other renovation professionals can take advantage of the new PLANEX long-reach sander. It is perfect for sanding joints and surfaces for dry mortarless construction, working and equalising various exterior insulation finishing systems, and for sanding off wallpaper residue.

Sanding with built-in LED light ring

A ground-breaking innovation in this product segment is the new LED light ring surround. "When surveying the trade, the same difficulties have come up time and time again: Sanding marks and hard-to-spot irregularities which are only detected later on. The LED light ring built into the new long-reach sander provides perfect illumination in a 50-centimetre radius around the sanding head. This avoids the need for annoying, time-consuming and costly reworking by ensuring a perfect sanding result first time. Even during the test phase, our test tradesman was extremely excited, as the light ring lit up the sanding surfaces like a spotlight," explains Product Manager Simon Gröger.

Eccentric motion for a perfect surface finish

Customers' requirements for the surface finish quality of walls and ceilings are growing constantly and, as a result, perfect sanding results are needed. At the same time, the fillers used are becoming softer, thereby making such high-quality surface finishes harder to achieve. With its eccentric sanding motion, the new PLANEX makes these much easier to accomplish. Thanks to the eccentric sanding motion, premium scratch-free surfaces can be created in the shortest time frame – with no sanding errors or scratch marks.

Healthier working with relief for the arms and back

Ensuring healthy working practices has always been a key concern for Festool. This is why Festool has equipped its new PLANEX with an improved, adjustable extraction system. This means that it can hold its own weight when sanding walls and ceilings, relieving the weight from arms and backs – especially during lengthy tasks. "With the previous PLANEX models, the perfect extraction setting wasn't very intuitive. We have developed the new PLANEX LHS 2 so that the extraction support is more powerful and can be set with a single switch. This greatly simplifies daily sanding tasks," explains Simon Gröger.

In addition, the PLANEX can be **individually adapted** to the **working height** because its working length can be extended by to up 2.1 m using two guide extensions. This means that the new PLANEX can be used to sand

even very high walls and ceilings. Furthermore, the **clever T-handle** allows for a longer range, thereby making tasks much easier. Festool has designed the overall handling of the new PLANEX to be highly intuitive: It is very easy to use and stows away perfectly in the new Systainer³ XXL – for **secure, compact transportation**.

A perfectly coordinated system

High volumes of hazardous sanding dust are generated when sanding plasterboard and drywall filler. Combined with the CTM 36 E AC PLANEX mobile dust extractor and GRANAT abrasive, Festool offers a coordinated system, which ensures a perfect surface finish quality and a healthy low-dust working environment. The new hole pattern in the sanding pad and abrasive ensure an ideal sanding performance with full-surface extraction.

Maintenance-free and durable

Festool has equipped its new PLANEX long-reach sander with the latest generation of brushless EC technology. This means no carbon brushes to be replaced, making the long-reach sander durable and maintenance-free.

Digital extension with the Festool Work App

With the new PLANEX, Festool has enabled full app connectivity. The following extra features can be accessed in conjunction with the free Work App from Festool:

- Light control (operation, dimming and individual configuration)
- Current status (including runtime and temperature)
- Tutorials for tool operation
- Application tips
- Push notifications for machine faults
- Recommendations for suitable extractors
- Registration of the machine warranty

With its variety of applications and these additional features, the new PLANEX LHS 2 225 EQI long-reach sander is set to revolutionise daily sanding work on walls and ceilings. Festool is releasing the new PLANEX in the new Systainer³ XXL and in the set version with the matching Festool

CTL/CTM 36 E AC PLANEX mobile dust extractor (with the PLANEX hose and new tool storage tray) to the specialist trade from 1st October 2020. You can find further information at **www.festool.co.uk**

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Total approx. 5250 characters (including spaces)

PLANEX LHS 2 225 EQI long-reach sander – Technical data

Power consumption	400 W
Eccentric motion speed	5000–8500 rpm
Sanding stroke	4 mm
Interchangeable sanding pad Ø	220 mm
Abrasive ø	225 mm
Length	1.2/1.65 M14
Connection Ø d/e	36/27 mm
Weight (length: 1.20 m)	4.0 kg
Weight (length: 1.65 m)	4.8 kg

Further data on the LED light ring

Work area lit	50 cm around the sanding head
Number of high-quality LEDs	56 units
Luminous flux	900 Lumen
Light colour	5000 K

Image preview

Image: Festool_PLANEX_01.jpg
For even better sanding results: The new PLANEX LHS 2 225 EQI long-reach sander from Festool

Image: Festool_PLANEX_02.jpg

Image: Festool_PLANEX_03.jpg

Image: Festool_PLANEX_04.jpg

Image: Festool_PLANEX_05.jpg
The LED light ring surround highlights any surface unevenness when sanding. This eliminates the need for time-consuming reworks.

Image: Festool_PLANEX_06.jpg
The new PLANEX LHS 2 225 PLANEX long-reach sander is set to revolutionise the sanding of walls and ceilings.

Image: Festool_PLANEX_07.jpg
Adjustable suction ensures the PLANEX LHS 2 holds its own weight on walls and ceilings – and relieves the arms and back.

More ergonomic working with relief for the arms and back
Image: Festool_PLANEX_08.jpg
The adjustable suction relieves arms and backs during all sanding tasks on walls and ceilings.

Image: Festool_PLANEX_09.jpg
Variable working height.The working length can be quickly adjusted to the working environment with a single control on the handle. This provides unrivalled flexibility for both confined spaces and high ceilings.

Image: Festool_PLANEX_10.jpg

Image: Festool_PLANEX_11.jpg
Easy handling:The suction hose and plug-it cable can be secured in the T-handle.

Image: Festool_PLANEX_12.jpg
The T-handle ensures operator comfort – even in confined spaces and for ceilings up to three metres high. This means that:Even without a guide extension, the user can tackle up to 90 percent of applications.

Image: Festool_PLANEX_13.jpg
The new PLANEX LHS 2 225 is easily stowed in the new systainer³ XXL, for secure, compact transportation.

Image: Festool_PLANEX_14.jpg
Festool has developed a new tool storage tray, which can be used for all PLANEX models: PLANEX LHS 2 225, PLANEX LHS 225 and PLANEX easy (LHS-E 225) – when changing abrasives or during breaks.

Image: Festool_PLANEX_15.jpg
The new PLANEX can be connected to a smartphone at the touch of a button. This allows individual settings to be made in the app.

Image: Festool_PLANEX_16.jpg
Digital extension: Festool Work App connection for additional features such as individual dimming of the LED light ring and tutorials for tool operation.

Image source: Festool GmbH