

Festool, Wendlingen (Germany) – May 2019

Press release for the technical press

Infoline for reader and journalists

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The revolution in insulating-material saws

The new ISC 240 cordless insulating-material saw from Festool – available from May 2018

Festool guarantees quick, clean and mobile cuts in next to no time when cutting insulating materials with the new ISC 240 cordless insulating-material saw. Revolutionary: The new mobile 18-volt saw can quickly and precisely cut flexible insulating materials such as mineral and natural fibre materials, as well as polyurethane, polystyrene and hard mineral fibre boards. The ergonomic design and low weight of the saw ensure a high level of comfort while working. The combination of specially developed cutting sets, a high-torque EC-TEC motor and powerful battery packs ensures speed and endurance in equal measure.

There is a wide range of different insulating materials on the market and they are getting stronger: From glass and stone wool, soft wood fibre insulating materials and hemp to polyurethane (PUR/PIR) and polystyrene boards (EPS/XPS). "With our new cordless insulating-material saw, we have created a completely new system for processing insulating materials which has never existed in this form before," explains Boris Seyfried, product manager for the new saw. Until now, glass and stone wool have normally been processed with a classic insulating material knife. As material thickness increases, however, there is a limit to what the insulation knife can handle and successfully cut, especially in terms of achieving accurate angles. This is

why expensive and inflexible cutting equipment is increasingly being used which, due to its weight and size, is rather impractical for mobile applications. The solutions frequently offered on the market, such as electric reciprocating saws, are equally cumbersome for processing flexible natural fibre insulating materials because they are unwieldy and heavy in daily use – making one-handed operation almost impossible. With its new ISC 240 cordless insulating-material saw, Festool has developed a unique all-rounder: It is powered by batteries for mobile insulating material cutting on construction sites and, without a cable, ensures full freedom of movement. Whether the user is on a roof, scaffolding or on the ground, its low weight, rubber-coated handles and perfectly balanced design makes it ideal for achieving maximum comfort while working, even one-handed. "Our new saw can now even efficiently and cleanly process hard-to-cut, flexible natural fibre insulating materials such as soft wood fibre or hemp insulating materials. This speeds up the processing of natural insulating materials, which also makes it more appealing to the trade and to customers."

The new ISC 240 cordless insulating-material saw is perfect for:

- Insulating external and internal walls of timber frame constructions,
- Between and under rafter insulation on the roof with mineral wool and natural fibre insulating materials,
- Insulating the highest floors of buildings (attics),
- Flat roof insulation with PUR and stone wool,
- Over-rafter insulation with PUR,
- Façade insulation with stone and glass wool.

Versatility is the trump card

Its degree of versatility is what makes the new insulating-material saw so special: Thanks to its serrated cutting set, it is perfect for flexible insulating materials such as mineral wool and natural fibres. The cordless insulating-material saw uses the cross-set cutting set and the adapter table to cut polyurethane and polystyrene insulating boards and pressure-resistant mineral wool. Both cutting sets are available in two lengths: With a cutting depth of 240 and 350 mm. The special serrated blade geometry cuts the

insulating material with minimal dust production. "A mobile dust extractor can be connected via an extraction adapter to make working clean and healthy. This is beneficial in particular with the cross-set cutting set with gearing since this produces a lot of chips. A tradesperson can quickly and conveniently swap out the cutting set with the quick change system to suit the different materials and material strengths," explains Seyfried. Thanks to the guide rail and angle stop, the saw can also be converted into a semi-stationary workstation which enables precise dead-straight and accurately angled repeat cuts. Furthermore, the new saw's design and special rubber coating give it the sturdiness it needs for heavy use on construction sites.

Wide product range for efficiently processing insulating materials

With this addition, Festool offers a wide product range for the efficient processing of insulating materials: The Univers SSU 200 and IS 330 sword saws are specially designed for pressure-resistant wood fibre insulating materials as well as polyurethane and polystyrene insulating boards. Precise cutting thanks to integrated guide groove in the aluminium die-cast table for use with the guide rail and mitre cuts of up to 60°. With the new ISC 240 insulating-material saw, Festool has created the perfect addition, enabling the processing of flexible mineral and natural fibre insulating materials up to a cutting depth of 350 mm – as a mobile cordless solution.

SERVICE all-inclusive

The new ISC 240 cordless insulating-material saw also includes the "SERVICE all-inclusive" package. It includes: 36 months of free of charge repairs, 36 months of theft protection, a 10 year spare part warranty and 15 days money back guarantee. This applies to the tool, the battery packs and the charging device. Visit www.festool.co.uk/service for more information.

The new ISC 240 cordless insulating-material saw will be available at authorised dealers from May 2018. Further information is available at www.festool.co.uk

Total approx. 5.620 characters (including spaces)

Short version of the press release

The revolution in insulating-material saws

Festool guarantees quick, clean and mobile cuts when cutting insulating materials with the new ISC 240 cordless insulating-material saw. The revolutionary part is that this mobile saw can quickly and precisely cut flexible insulating materials such as mineral and natural fibre materials as well as hard polyurethane, polystyrene and mineral fibre boards. The ergonomic design and low weight of the saw ensure a high level of comfort while working. The combination of specially developed cutting sets, a high-torque EC-TEC motor and powerful battery packs ensures speed and endurance in equal measure. "With our new cordless insulating-material saw, we have created a completely new system for processing insulating materials which has never existed in this form before," explains Boris Seyfried, product manager for the new saw. He continues: "Our new saw can now even efficiently and cleanly process hard-to-cut flexible natural fibre insulating materials such as soft wood fibre or hemp insulating materials. This speeds up the processing of natural insulating materials, which also makes it more appealing to the trade and to customers." Its degree of versatility is what makes the new saw so special: The serrated cutting set is perfect for flexible insulating materials such as mineral wool and natural fibres. The cordless insulating-material saw uses the cross-set cutting set and the adapter table to cut polyurethane and polystyrene insulating boards and pressure-resistant mineral wool. Both cutting sets are available in two lengths: With a cutting depth of 240 and 350 mm. The special serrated blade geometry cuts the insulating material with minimal dust production. "A mobile dust extractor can be connected via an extraction adapter to make working clean and healthy. With this addition, Festool offers a wide product range for the efficient processing of insulating materials: The Univers SSU 200 and IS 330 sword saws are specially designed for pressure-resistant wood fibre insulating materials as well as polyurethane and polystyrene insulating boards. With the new ISC 240 insulating-material saw, Festool has created the perfect addition, enabling the processing of flexible mineral and natural fibre insulating materials up to a cutting depth of 350 mm – as a mobile cordless solution. The "SERVICE all-inclusive" package is also fully

applicable to the new ISC 240 insulating-material saw, which will be available at authorised dealers from May 2018. For further information, visit www.festool.co.uk

Total approx. 2.520 characters (including spaces)

Technical data for the ISC 240 EB cordless insulating-material saw

Battery voltage	18 volt
Stroke rate	3000 rpm
Cutting depth	240 mm and 350 mm
Stroke length	26 mm
Connection	Ø d/e 27 mm
Weight	2.5 kg with standard battery (5.2 Ah) 2.3 kg with compact battery (3.1 Ah) 1.8 kg without battery

Image preview



Image: Festool_ISC240_01.jpg

The revolution in insulating-material saws: The new ISC 240 cordless insulating-material saw from Festool – available at authorised dealers from May 2018.



Image: Festool_ISC240_02.jpg

The new ISC 240 cordless insulating-material saw with serrated saw blade for cutting flexible insulating materials such as glass wool, stone wool and natural fibres (cutting sets available in 240 and 350 mm).



Image: Festool_ISC240_03.jpg

The new ISC 240 cordless insulating-material saw with cross-set saw blade for cutting PUR (polyurethane hard foam) and polystyrene insulating boards (cutting sets available in 240 and 350 mm).



Image: Festool_ISC240_04.jpg

The new ISC 240 cordless insulating-material saw – with serrated cutting set and guide rail slide unit.



Image: Festool_ISC240_05.jpg

The cutting set can be quickly and conveniently swapped out with the quick change system to perfectly suit different materials and material strengths.



Image: Festool_ISC240_06.jpg

Can be used flexibly for mineral/natural fibres and PUR/PIR



Image: Festool_ISC240_07.jpg

Ergonomically adapted for single-handed operation (cutting on the roof and with gloves)



Image: Festool_ISC240_08.jpg

Mobile and fast cutting of insulating materials on construction sites with high cutting performance – > thanks to brushless EC-TEC motor technology and high-quality Li-ion battery packs.



Image: Festool_ISC240_09.jpg

Accurately angled cutting and clean cutting surface for perfectly fitting insulation which requires very little finishing work



Image: Festool_ISC240_10.jpg

Guided cutting – thanks to the guide rail and angle stop: Enabling precise, dead-straight and accurately angled repeat cuts.



Image: Festool_ISC240_11.jpg

Very flexible operation: The new ISC 240 insulating-material saw from Festool



Image: Festool_ISC240_12.jpg

The new ISC 240 cordless insulating-material saw can even process flexible natural fibre insulating materials which have always been considered hard to cut, such as soft wood fibre or hemp insulating materials, equally efficiently and cleanly.



Ideal for construction sites: The new ISC 240 cordless insulating-material saw – mobile application possible with guide rail and angle stop.

Image: Festool_ISC240_13.jpg



Image: Festool_ISC240_14.jpg



With the cross-set cutting set, PUR/PIR (polyurethane hard foam) and polystyrene insulating boards can be cut with speed, precision and mobility (available in 240 and 350 mm).

Image: Festool_ISC240_15.jpg

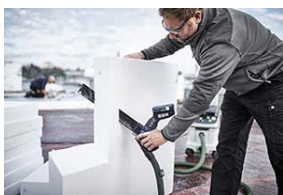


Image: Festool_ISC240_16.jpg



Image: Festool_ISC240_17.jpg

Whether in a workshop, on scaffolding or on the roof: The high-performance 18 V li-ion battery pack, in combination with the brushless EC-TEC motor, ensures high speed with low power consumption.



Image: Festool_ISC240_18.jpg

With the 18 volt system, Festool offers an extensive product range.

Image source: Festool GmbH