

■ NEW SOFTWARE VERSION IX 2019 AVAILABLE WORLD-WIDE FOR ALL USERS

Launched in October this year, imos AG made its new software for furniture and design available in 27 languages for 83 countries to all users worldwide. The German version has already been used successfully by users since June this year. imos AG is also expanding its customer support with the new service portal – iX Support Center.

imos iX 2019 is the further development of the iX technology series, which was released in 2017. Trends and technologies of digitalisation have influenced the development and offers completely new possibilities from the end customer to the machine. Great focus has been placed on improving comfort and creating functions that speed up daily work. These are just a few highlights.

Intuitive room planning benefits from smart contiguous parts that can interact with each other. Automatic snapping helps to insert articles and simplifies article planning. Scenes are not only easier to create, but also enable the isolated display and presentation of furniture arrangements.

Designing furniture has become more comfortable. In addition to a modern user interface, optimising the operating sequences was significant. The iXplorer has been equipped with new functions and a design aid for built-in items has been introduced. The cut-out article allows a standard corpus or component to follow a wall or roof contour or other structural obstacles in a matter of seconds.

The drawing output has further been improved and conflicts in the positioning of dimension lines and texts are identified and corrected. Curved components and assemblies are specially evaluated during the creation of the production documents and displayed graphically correct and legible.

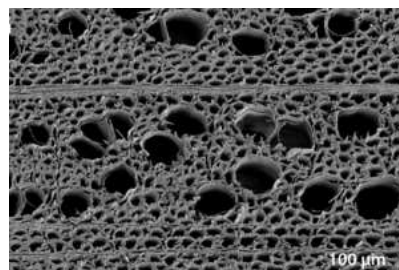


Source: <https://www.furnitureproduction.net/products/articles/2019/11/514051296-new-software-version-ix-2019-available-world-wide-all-users>

■ A SUPER-THIN SLICE OF WOOD CAN BE USED TO TURN SALTWATER DRINKABLE

Filtering the salt from seawater can take a lot of energy or specialised engineering. A thin membrane made of porous wood may be able to fix that. In membrane distillation, salty water is pumped through a film, usually made of some sort of polymer with very narrow pores that filter out the salt and allow only water molecules through. Jason Ren at Princeton University in New Jersey and his colleagues developed a new kind of membrane made of natural wood instead of plastic.

“If you think of traditional water filtration, you need very high-pressure pumping to squeeze the water through, so it uses a lot of energy,” says Ren. “This is more energy efficient and it doesn’t use fossil-fuel based materials like many other membranes for water filtration”. His team’s membrane is made of a thin piece of American basswood, which undergoes a chemical treatment to strip away extra fibres in the wood and to make its surface slippery to water molecules. One side of the membrane is heated so that when water flows over that side it is vapourised.



Source: <https://www.newscientist.com/article/2212346-a-super-thin-slice-of-wood-can-be-used-to-turn-saltwater-drinkable/>

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