

## PRESS RELEASE

*Hwam*

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# Let Technology Light Your Stove

**Your phone is full of apps, the car beeps when reversing, and the lights at home light on their own once you set foot through the door. The trend is clear: technology is meant to make our daily round easier as well as make more sense. Technology has now also made its foray into the stove, and the warmth of the fire can now be adjusted with the push of a single button.**

A new generation of stoves is following closely in the footsteps of technological development, with an adequate response to the demands of the trend of the time to technology – not only to have filler and entertainment, but to also make sense in our busy day. A modern stove employs intelligent technology to turn on the cosy atmosphere so you can just lean back and let the flames dance peacefully.

Hwam, which is a global leader in intelligent stove solutions, has cooperated for decades with the Technical University of Denmark. The collaboration has focused, among other things, on combining the properties of fire with modern society's need for intelligent solutions. The cooperation has resulted in a new technology, Autopilot IHS™, which ensures automatic combustion control.

"The technology that is used in the stoves makes it possible to adjust the temperature level with the push of a single button on the remote. And when it is time to fill up again with firewood, the stoves notifies you automatically," explains Managing Director, Stefan Hvam Pedersen.

### **Invisible Technology**

Nevertheless, the technology is put to the test by the trends of the time yet again as in addition to making everyday life easier, it'd also better be invisible. For Hwam, technology is therefore a solution integrated into the stove itself, and it is only the remote on the table that lets on that there is more to the oven than meets the eye.

Designer duo Henrik Sørig Thomsen and Tobias Jacobsen have taken a step further with Hwam's stoves and challenged the cast shape to simultaneously include modern technology.

"When we design stoves, we work with visual expression, play with shapes and find new opportunities. A stove nowadays should be capable of so much more than just providing warmth. There are environmental considerations and rules that must be met, at the same time as the stove must be designed as a beautiful living piece of furniture that also has a function," says Tobias Jacobsen.

### **Intelligent Solutions**

The designers have worked side by side with Hwam's engineers in order to combine technology, design and cosiness in the best way in a brand new stove series.

"Our objective is always to create a long-lasting design. You cannot just replace a Hwam stove. It lasts years and years. With the new Hwam 4600 series, we have broken with the general notion of a stove as a cylindrical shape and have made it wider and more conspicuous. We have worked a lot with the shape and dimensions of the glass and enlarged the combustion chamber," explains Tobias Jacobsen and elaborates that it is exactly the technology in Hwam's

wood-burning stoves that has made it possible to experiment with the size of the combustion chamber.

"Combustion is precise and perfect whatever the size of the combustion chamber because HWAM has installed IHS in their wood-burning stove. The end result is no black smoke, only transparent steam," says Henrik Sørig Thomsen.

#### **Fact sheet**

- The remote control for Autopilot IHS™ sets the desired temperature level, and the stove deals with the rest so that it is lit absolutely right and according to individual needs.
- The technology in Autopilot IHS™ ensures that the stove's combustion control reminds of a process that already exists in nature. Burning of wood is namely an environmentally friendly source of heat in itself as trees absorb CO<sub>2</sub> when they grow and give it off again when the wood rots in the forest or is burned in a wood-burning stove.
- Proper burning of wood is therefore CO<sub>2</sub> neutral and does not contribute to greenhouse warming.

#### **Captions of illustrations:**

Photo 1: Technology is everywhere in your home, and the trend is for it to make life easier for the consumer. Hwam's Autopilot IHS™ allows you to easily operate your wood-burning stove with a remote control. Just place the firewood in, and the stove will automatically ensure optimal combustion.

Photo 2a+b: The new series of wood-burning stoves, Hwam 4600, combines technology, design and unique cosy atmosphere into one. Hwam has developed a modern edition of the wood-burning stoves with Autopilot IHS™ as an integrated solution in cooperation with designers.

Additional pictures are available on request.

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