

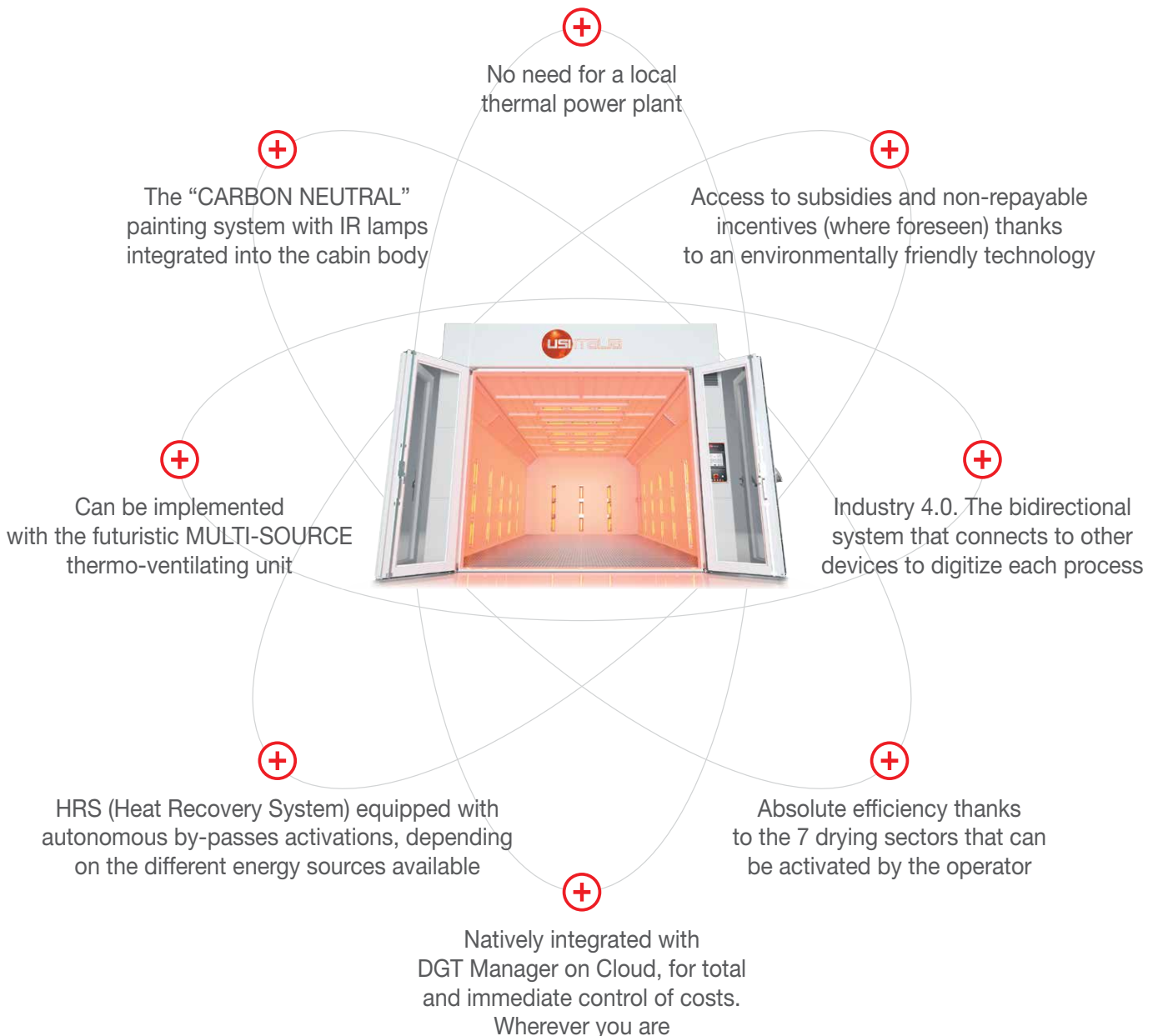


Extraordinary USI.
Extraordinary Perspectives.



OHMNI

The hybrid finishing system that looks to the **FUTURE**.



Our future is now. And it is all-encompassing

The indiscriminate exploitation of thermo-altering fuels, the precarious environmental balance and the current geopolitical scenarios have highlighted not only the need for a sustainable exploitation of energy, but for a planned and multi-source energy supply.

HYBRID is the key to the future, and that is why USI Italia has developed OHMNI, the zero-impact painting plant capable of combining the available energy sources.

Why choose infrared radiation

Infrared (IR) radiation is electromagnetic radiation characterized by frequencies included between the visible light and the radio waves and is often associated with the concepts of “heat” and “thermal radiation”.

Unlike conduction or convection, the transfer of heat by radiation does not provide direct contact between the heat source and the part to be heated and **does not require a means to propagated**.

Integrated Infrared heating at its best

With OHMNI you will have at your disposal **7 IR drying sectors** equipped with high efficiency **shortwave emitters, selectable and combinable** as needed. The short wave will allow you to get deeper into the stand, thus drying more evenly on the entire surface to be cured.



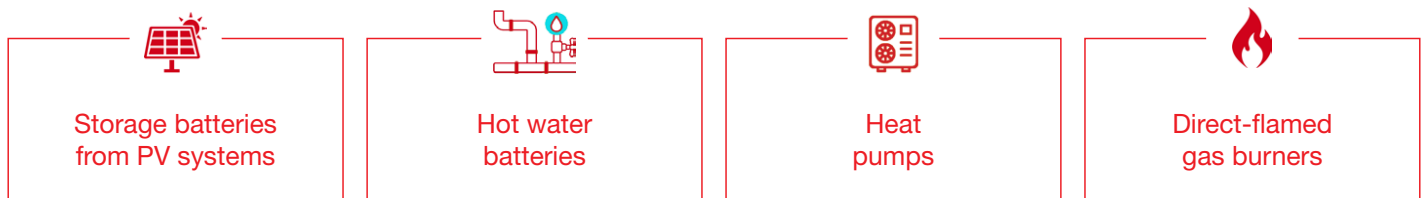
Power control is everything

Power control is everything. And we know how to manage it in the best way because it has always been in our DNA.

Thanks to our proprietary software, you will have **more than 50 customizable drying programs available**, which can be recorded from the touch screen of the plant (or from a PC, if you want to edit them while sitting comfortably at your desk).

The importance of an open power distribution system.

USI Italia has developed an **innovative multi-source AMU**. Equipped by default with a 3-step electric resistance coils to be used only in the discharge phases, it can be upgraded with:



The heat recovery unit integrated in the system with by-pass function increases the efficiency by about 60%.

Contact us, our team is at your disposal:
you can come and try OHMNI at our USI Training Center.



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