

The benefits of HSCD technology

Cross-sectoral

Boosts drying productivity

Eco-friendly

No chemicals, no fossil fuels and extracted water recovery

Targeted

Moisture and thermal uniformity control

Sustainable

Optimized resource and cost efficiency, with lower waste

Extra quality

Preserves and enhances raw material quality

Efficient

Time, energy and space savings over other drying methods

Join the revolution,
embrace the change

>80%

Energy saving

X9

Time saving

15-35°

Cold drying

5.0

Industry

100%

Water recovery

100%

Green & sustainable

100%

Preservation of raw quality



International patent

NZIA, CSRD, and ESRS compliant
because excellence is non-negotiable

HSCD

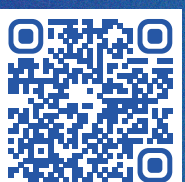
PIM S. r.l

Via dell'economia, 6/A
31033, Castelfranco Veneto (TV)

+39 0423765276

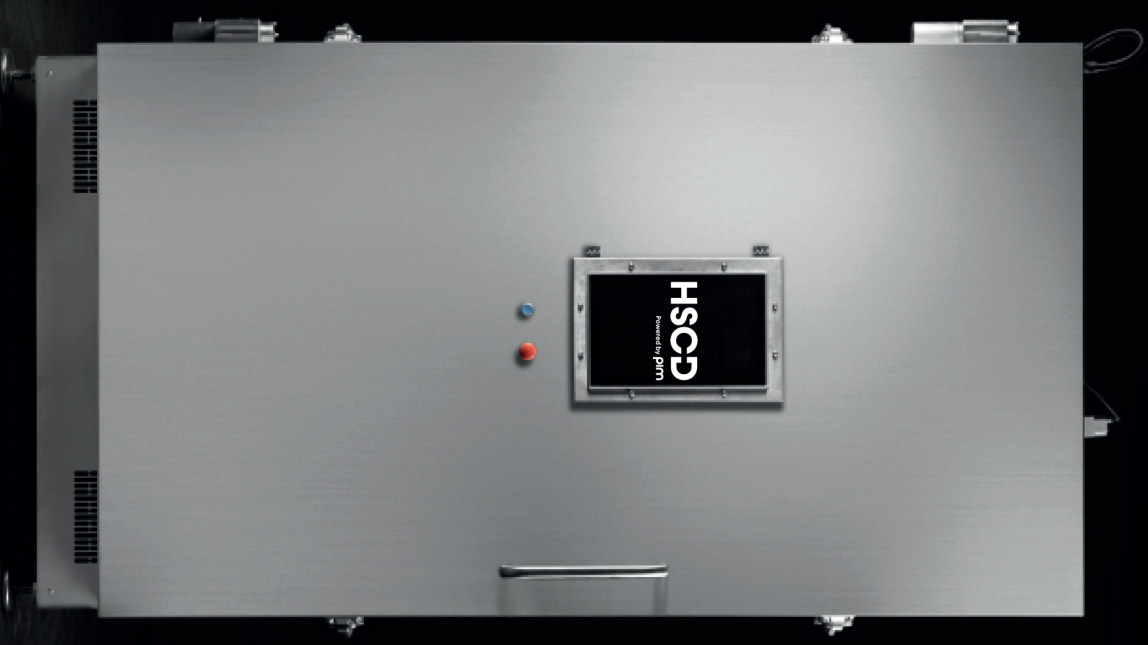
hscd@pimtrade.com

www.hscd.tech



HSCD

The drying revolution



The HSCD Technology

Efficiency and Technological Innovation

The High Speed Cold Dryer is the innovative high-efficiency industrial drying system that revolutionizes traditional processing methods.

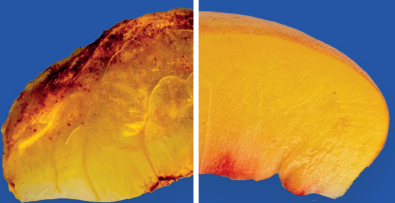
It exploits the combination of two elements: non-ionizing electromagnetic waves and vacuum technology act simultaneously on the product offering faster drying times at lower temperatures that do not alter the chemical-biological and structural properties of the treated material.

That's why HSCD makes it possible to produce twice as much in half the time and space, with one-third the energy and significantly reduced CO2 emissions.

Peaches

Drying time
3,75 hours

Energy
0,45 Kwh*



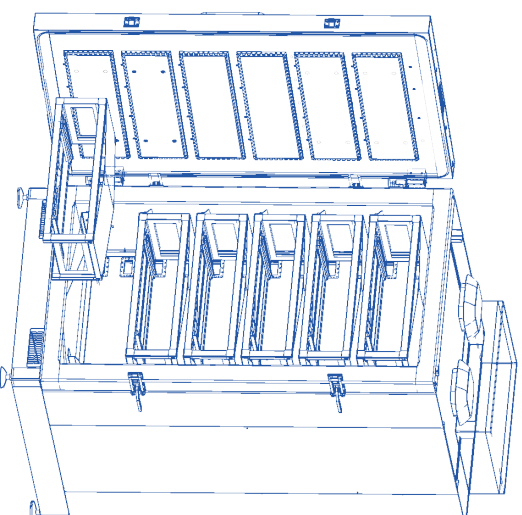
○ **92%**

○ **7%**

*Kilowatt-hours(kWh) of energy used for complete drying of 1kg of product

The Static Dryer with HSCD Technology

HSCD-SA Line Analog State



available from 2 to 6 cells

HSCD-SSD Line Solid State Digital

Fast and powerful for high production volumes

The HSCD-SA line is dedicated to all activities that require high production volumes. With its 2 kW, 4 kW or 8 kW generators per cell, it offers high power and fast drying at extremely low processing costs. Each model in the line comes complete and ready to use.

Dedicated software, customized by PIM technicians according to the customer's needs, automatically manages the process by monitoring all preset parameters by product type, eliminating variations and minimizing consumption as much as possible. Once installed, the HSCD-SA system is immediately ready for use, requiring only the purchase of a chiller, a vacuum pump and a water recovery tank.

- ⊕ Sustainable
- ⊕ Tailor-made
- ⊕ Fast
- ⊕ Flexible
- ⊕ Compact
- ⊕ Efficient

Flexibility and control for precision processing

Dryers in the HSCD-SSD line are equipped with a digital electromagnetic wave generator that ensures maximum precision and control of drying parameters. Flexible and intelligent, with SSD technology you can process different types of products, thanks to advanced software that can automatically select and calibrate the most suitable frequencies in real time according to the processed material.

Each model in the line comes complete and ready to use.

- ⊕ Sustainable
- ⊕ Complete
- ⊕ Fast
- ⊕ Precise
- ⊕ Compact
- ⊕ Smart