



Image: IRT ICure

18 August 2022

ENERGY SAVINGS WITH NEW ROBOTIC DRYER

IRT ICure cuts energy and time consumption in paint shops considerably. ICure is a robotic, compact and automated rail dryer that retrofits to most spray booths and prep zones. With infrared (IR) and ultraviolet (UV) curing in one unit, paint shops can reduce both energy spend and time per vehicle.

Robotic, automated curing

ICure includes robotic travel and automated curing along a side or short end of the vehicle. It can also be moved manually through the whole rail system and offers preprogrammed and customized curing alternatives.

ICure is equipped with a new robotic cassette configuration with powerful 2000 W UV lamps, in combination with IRT's proven infrared lamps. This new combination cures all the latest products developed by the paint manufacturing industry, including UV clearcoats.

The compact design takes up very little space. It pulls out smoothly when needed and tucks back in a corner when it isn't. The adjustable, user-friendly operator panel is easily reached. Reliable curing results are achieved in minutes. And the vehicle is ready to move to the next step.

Better for the environment and for the operator

This new I-shaped robotic dryer is IRT's smallest, yet most complete booth and prep zone rail dryer. Drying and cool-down phases in the spray booth are carried out with just a fraction of energy spend and time is saved in the prep zone, compared to conventional drying methods. No need to increase the temperature in the whole booth, nor any need to reduce the temperature back down to comfortable work environment after drying. The throughput efficiency in the paint shop can immediately be increased by several cycles per day. Energy is saved and the work environment improved.

"Bringing IR and UV drying to your paint shop is always win-win.", says Linus Ekfeldt, IRT Product Company Director. "Less energy spend and faster curing means better for the environment and for profitability. ICure retrofits into most spray booths and prep zones, installed in rails with integrated cables for operational safety."

Operational safety

Operational safety is top priority, including compliance with UV safety regulations (Directive 2006/25/EC), to minimize the health and safety risk of workers arising from artificial optical radiation. The complete UV-range includes pre-programmed, high-quality IR/UV curing on panel damages in combination with IRT's market leading range of battery powered and corded handheld UV-LED machines for spot repair.

See IRT ICure live in IRT Hedson's expo stand 11.1-A63 at Automechanika in Frankfurt, Sept 13-17 2022.

IRT is specialized in infrared heating, drying and UV curing, holding a market leading position for 55 years. IRT is part of the Hedson group, a leading supplier of premium curing, lifting and cleaning systems for auto workshops and industry worldwide. Press contact: Linus Ekfeldt, IRT Product Company Director, +46 70 855 25 23, linus.ekfeldt@hedson.com.