

IRT POWERCURE BY HEDSON

Save energy, time and space with the perfect solution for paint booth curing. With IRT PowerCure the car can be returned in the shortest possible time. IRT PowerCure drastically shortens the curing times for all paint materials with a minimum of energy used. Radically reduce the energy consumption and pay off the investment in a very short time. IRT PowerCure will only heat and cure the selected panels of the car. IRT PowerCure keeps track of position and status of the curing process and will turn on- and off the individual lamps in a fraction of a second, to only use the energy needed for the curing job



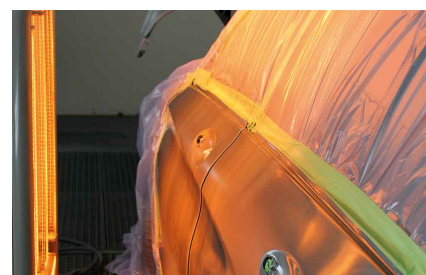
TIME SAVING

Automatically moves to the right position corresponding to the chosen panels. The front and the back of the vehicle are easily cured as the wings can be angled towards the painted surface. The shape and positioning of the reflectors give an even heat distribution. The vehicle and loose parts can be cured in the same drying cycle thanks to the intelligent software technology



INTELLIGENT SOFTWARE

The control equipment includes sensors and microprocessors which register and regulate power output, speed, distance and times. Adapts to different paint materials as well as the size and shape of the car. Effective heating of selected zones adjusted by means of a laser distance sensor. Advanced ventilation adds to IRT lamp life cycle, >20,000 working hours/lamp



EFFICIENT CURING

The IRT PowerCure can be installed in a spray booth and between two in-line placed spray booths. It is easy to adapt to all types of booths, due to the suspension by rails attached to the spray booth walls. Further the IRT PowerCure is designed to dry 1-3 panels of the vehicle and for loose parts. During spraying, the arch can be separated from the spray booth by an automatic roller door.

TECHNICAL SPECIFICATION

IRT PowerCure Single Part.no. - 800410

IRT PowerCure Double Part.no. - 800490

Installed power 54 kW / 63 A (20 lamps à 3 kW less 6 kW supply voltage compensation)

Voltage 400 V, 3Ph ~/PE

Frequency 50-60 Hz

IRT POWERCURE - CURING TIMES

Curing times - Bonnet Base coat (approx.) - 4 min

Curing times - Bonnet Clear coat (approx.) - 7 min

Curing times - Door Base coat (approx.) - 3 min

Curing times - Door Clear coat (approx.) - 5 min