IRT FLEXICURE

The optimal combination of technology and flexible curing for every prep station

COMPLETE CURING CONTROL

4 pyrometers, 1 pyrometer/zone. Complete control and flexibility.

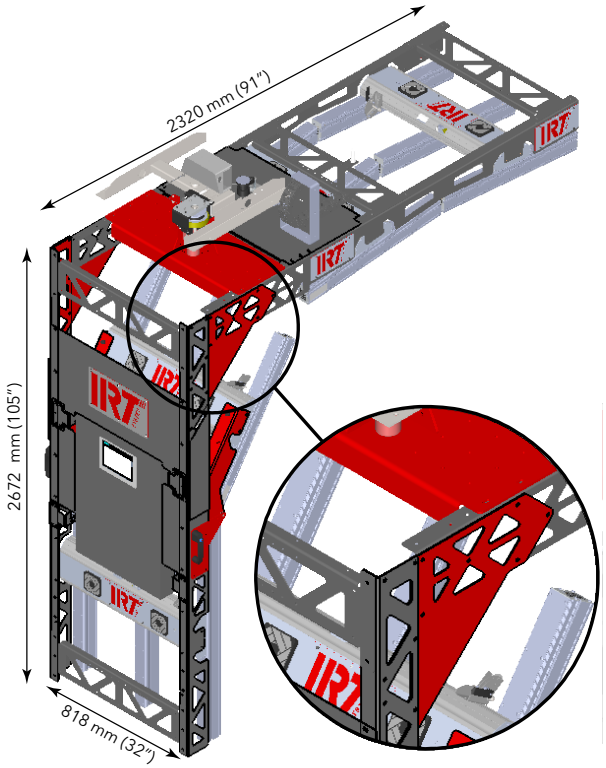
The flexible arch moves over the chosen panel automatically, curing from the inside outwards, preventing solvent to be trapped inside the coating, ensuring fast and high quality curing. FlexiCure runs smoothly in the IRT Railsystem and is highly suitable in the prep station moving in all horizontal directions, tilting and turning. Requires very little parking space.

Accelerate the curing of base and clear coats, this applies to waterborne and solvent-based products. The four curing zones are equipped with short-wave infrared lamps and gold-coated reflectors that can be used all together or separately.

Both automatic and manual curing is possible, both static and/or dynamic curing. A uniformed heat distribution is ensured due to the design and an individually pyrometer controlled heater output.

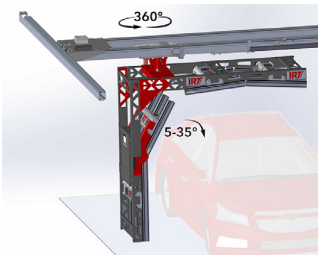
The possibility for programmed radiation exposure, of only necessary surfaces of the vehicle, leads to time and energy savings, and therefore also contributes to a cost-effective and environmentally friendly process.

- 4 flexible curing zones with pyrometer
- Low energy consumption and even heat distribution
- Covers a large curing area
- Less radiation/heat outside the curing area

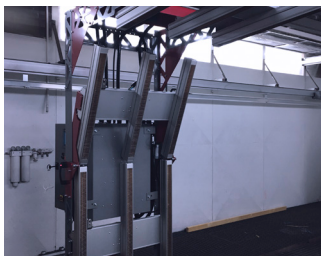


Zone 2 is tiltable to manage curing of different car sizes.

Speed = 20-200 cm/minute.



4 pyrometers, 1 pyrometer/zone. Complete control and full flexibility



2 distance sensors, 1 measures hood and roof, 1 measures the side.

3 IR lamps/zone with a total power of 38 kW.

TECHNICAL DATA	
Rated voltage	400-480 V~3Ph/PE ± 5%
Nominal frequency	50-60 Hz
Full load current	55 A
Main disconnect fuse	65 A
Weight FlexiCure	150 kg
Weight side rails	100 kg
Weight cross rail	200 kg
Sound pressure level	≤ 70 dB (A) at 1 m
Sound power level	≤ 70 dB (A) at 1 m
Curing temp. (curing surface)	Max. 170°C
Ambient temp. (during operation)	Max. 40°C

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