

ENERGY SAVING, ROBOTIC CURING FROM IRT

IRT ICURE 2

Robotic, all inclusive dryer for booth and prep zone

COMPACT ROBOTIC RAIL DRYER

- Retrofits to spray booths and prep zones with minor adjustments

IR AND UV CURING

- Save time - ready to handle in minutes
- Reliable, precise curing results

BETTER FOR THE ENVIRONMENT

- Low energy spend per vehicle
- No energy waste in between jobs

BETTER FOR YOU

- Always comfortable booth temperature
- Pre-programmed - easy to operate
- Park in a corner, out of your way



ROBOTIC TRAVEL - AUTOMATED CURING



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DYNAMIC AND STATIC CURING

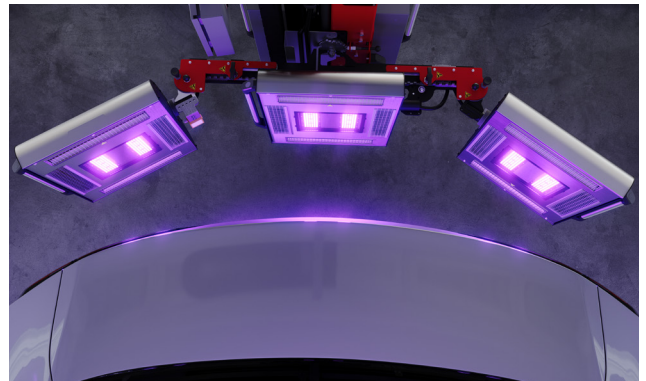
- All you need in one unit
- IR and UV curing
- Preprogrammed recipes for both

TWICE AS POWERFUL

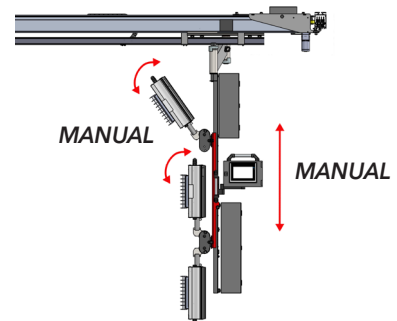
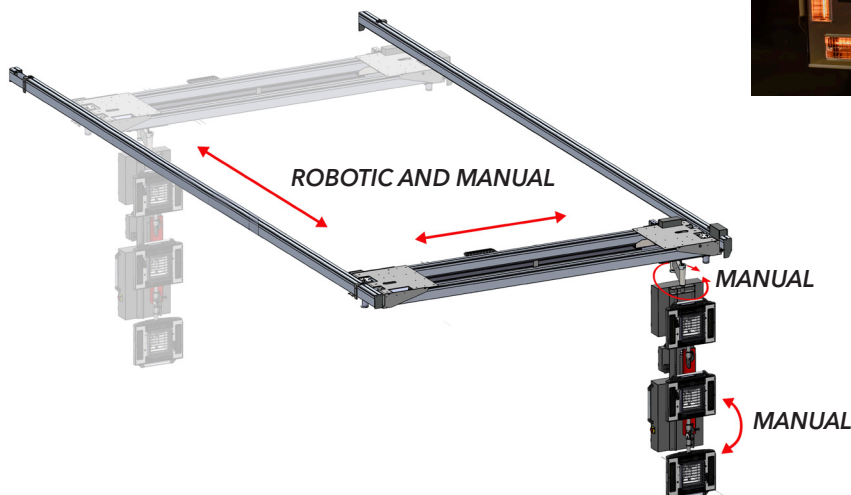
- 264 high power LEDs with unique optics in each cassette
- Cures all UV-activated materials on the market

IRT INFRARED

- Original IRT infrared
- Proven cassette concept



FLEXIBLE CASSETTE ADJUSTMENT



ROBOTIC:

Robotic motion and automated curing on long side or short side

MANUAL:

Rotate and move ICure in the rail system

Rotate cassette position 0-90°

Adjust ICure position up/down 0-480 mm

ENERGY SAVING, AUTOMATED DRYING FROM IRT

IRT ICURE 2

All inclusive booth and prep zone dryer



Robotic motion along the long / short side of the vehicle

Flexible and easy to move into all positions manually

Both dynamic and static drying available

264 high power LEDs with unique optics in each cassette

Plug and Play, preprogrammed and DIY recipes

IR lamps up to 20.000 hrs

IRT shortwave infrared, 97% effective

Gold coated reflectors determin high efficiency

Time saving and exact drying process

IRT ICURE 2

Nominal frequency	Rated Voltage	Full load current	Main disconnect fuse	Sound pressure / power level	Ambient temp. (during operation)
50-60 Hz	400-480 V~3Ph/PE ± 5%	26 A	32 A	≤ 70 dB (A) at 1 m	Max. 40°C

IRT RAILS

For operator safety and ease of use



EXAMPLE DRYER IN IRT RAIL

IRT RAILS

Tailor-made for prep area and spray booth

Wall- and ceiling installations for prep stations and spray booths. Curing availability from all angles in combination with an IRT dryer.

- Operational safety with integrated cables
- Easy-glide, self-balanced dryers
- Easy retrofit into any refinish center
- Average cure times infrared less than 10 minutes, much less on UV.

IRT INFRARED DRYING

IN YOUR SPRAY BOOTH AND PREP ZONE IS WIN-WIN*:

*Instant start. Heats object only, not spray booth air. Instant stop. Panel and spray booth are ready for next step.

YOUR PROFIT AND
THE ENVIRONMENT

SPRAY BOOTH CYCLE EXAMPLE, STEP BY STEP**:	WITHOUT INFRARED DRYING		WITH INFRARED DRYING		WITH INFRARED DRYING	
	Energy spend	Time	Energy spend	Time	Energy spend	Time
1) SPRAY BASE (infrared has no impact on this phase, therefore not part of this comparison)						
2) DRYING / FLASH-OFF BASE	15 kWh	5 min	0.1 kWh	2 min	0.2 kWh	2 min
3) SPRAY CLEAR (Infrared has no impact on this phase, therefore not part of this comparison)						
4) DRYING CLEAR	45 kWh	35 min	0.7 kWh	12 min	1.4 kWh	12 min
5) COOL DOWN	7 kWh	10 min				(Infrared has no cool down period)
	WITHOUT INFRARED DRYING		WITH INFRARED DRYING			
TOTAL, ONE CYCLE EXAMPLE **:	67 kWh	50 min	0.8 kWh	14 min	1.6 kWh	14 min

**Calculation of spray booth energy spend is based on an average typical installation in central Europe. For a correct comparison, check valid details for each specific unit.

TIME FOR 2 MORE.
OR 3!