

## Maintain Flow – Increase Production – Save Energy Costs

Success in a highly competitive industry means setting your products apart from the rest. Offering value added options, such as color, to your products can give you an advantage over your competition and help increase profits at the same time. However, to achieve this potential the proper tools are required. No other piece of equipment improves paint finishing production times as dramatically as the IRT dryer. With cure times measured in minutes IRT is a cost effective, user friendly, proven technology. Improperly dried paint can cause grief to any production schedule. Ensuring that painted products are 100% dry before handling will help maintain production and delivery schedules and ensure a consistent, high quality painted finish every time...*leading to increased customer satisfaction.*



## Superior Curing Technology

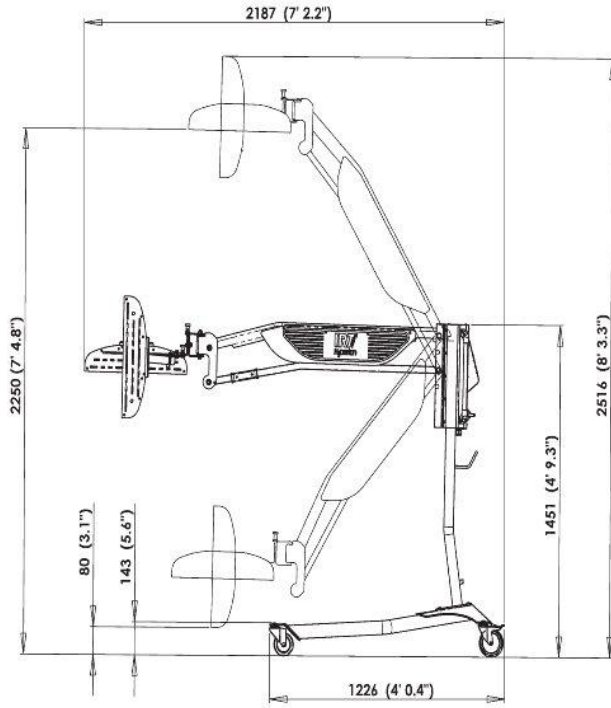
These are our most complete mobile dryers with the highest output and capacity. They are suited for high production paint facilities, OEM manufacturing or small shops with special demands. Thanks to the new highly efficient design an IRT 4-2 offers unique flexibility and the largest drying area available from a portable IR dryer. Simple to use, the drying times are extremely short for all painting material including clear coats or water based paints.

### Features include :

- One (6 kW) or two (12 kW) cassettes depending on desired drying area.
- Unique possibilities to position the cassettes
- Gold-coated FreeForm reflectors for optimal heat distribution
- Computerised curing process
- Electronic distance sensor with laser targeting
- Surface temperature control
- Very easy to use
- 12 preset and 3 custom programs
- Can cure all paint materials
- Smart stand design
- Efficient particle filter on the cassettes
- Powerful ventilation that cools the cassette and increases lamp life
- Maximum cassette height 88.5" (horizontal), 100" (vertical)



## Dimensions

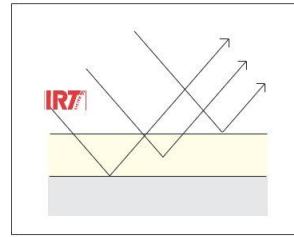


IRT 4-1, 4-2 PcAuto, IRT 3-1, 3-2 PcD

## Power requirements

	IRT 4-1 PcAuto		IRT 4-2 PcAuto	
Voltage	230 1 $\phi$ / 3 $\phi$	480 3 $\phi$	230 1 $\phi$ / 3 $\phi$	480 3 $\phi$
Current	26 / 16 A	8 A	48 / 30 A	16 A
Output power	6 kW	6 kW	12 kW	12kW
NEMA Plug Type	6-30P / 15-20P	16-20P	6-50P / 15-30P	16-20P

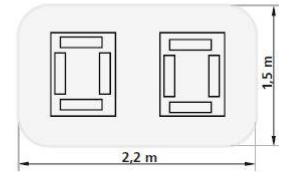
## Short-wave for most efficient curing



Simplified diagram. Short-wave heat cures from the inside and out, while medium-wave, long-wave and hot air primarily cure the surface.

All IRT dryers use short-wave technology. This, together with the unique IRT FreeForm reflectors, provides the best heat transfer possible. Short-wave IR has several other advantages. It is easy to control, provides full heat immediately and penetrates deep into the paint. The paint cures from the inside and out without retaining solvents and moisture that gives rise to problems with quality. Heat losses to the air are minimal and all energy is transferred to the surface to be dried.

## Curing surfaces



### IRT 4-1 PcAuto

One cassette at a distance of 60 cm, on black sheet metal

### IRT 4-2 PcAuto

### IRT 4-20 PcAuto

Two cassettes at a distance of 60 cm, on black sheet metal



Single-Heaters & Customer Ovens also available.

