HEDSON

PERFORMANCE ABOVE ALL

IRT SURVEILLANCE SYSTEM FOR SPRAY BOOTH RAIL DRYERS





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Hedson is a leading supplier of premium curing, lifting and cleaning systems for auto workshops and industry worldwide. We come from the land of engineering, and have decades of experience learning from and innovating to real customer needs – technologies that improve the working environment, protect workers and boost productivity. Our ambition to add real measurable values is obvious wherever Hedson solutions are seen, sold or working – from advanced yet easy to use equipment to unmatched customer service, Hedson stands for performance above all.

PROJECT DESCRIPTION

- **Type of industry:**

- Off-line spot repair in the automotive industry
- Body & Paint Shops in the automotive aftermarket

- **Project number:**

Art nr 800597: Dust cover and Surveillance system for spray booth (for 2 cassette dryer).

OBJECTIVE

Safety feature; to prevent spraying during drying process and to protect the dryer cassettes when not in use

PROCESS

- **Parts, material and dimensions:**

Automotive spot repair drying

- **Type of transport, static/dynamic, speed etc:**

Spray booths and combined spray and drying booths

- **Material (wet-dry paint/other), max temp allowed etc:**

Wet paint

IRT HEDSON SOLUTION

- **Chosen heating method, cassette dimensions, time, temperature increase/min, effect etc:**

When the rail-guided IRT dryer is in use, the IRT Surveillance System protects against fire and explosion hazards by:

- Supervision of ventilation
- Interlocking the electrical power supply
- Interlocking the pressurized air available in the booth

This prevents spraying during the drying process and ensures ventilation of the booth before and during the drying process.

The system allows electricity inside the spray booth after a pre-set ventilation time (factory set to 3 min) after spraying. The timer allows at least 5 booth volumes of fresh air to be exchanged in the booth. With built-in alarms and extra safety valves in case of valve breakdown.

IRT Surveillance System; GS Test Certificate

IRT SYSTEM

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The manufacturer reserves the right to introduce technical modifications.

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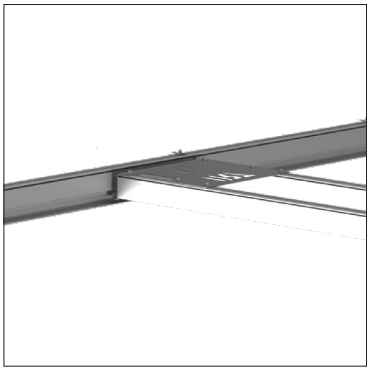
IRT RAIL SYSTEMS
ASSEMBLY LINES AND BODY & PAINT SHOPS

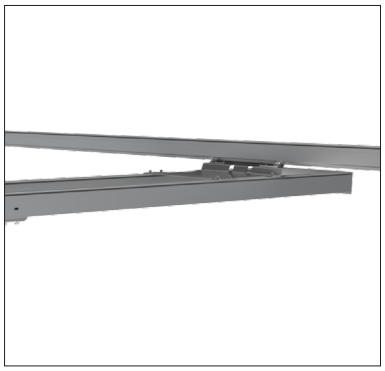
IRT rail systems can be equipped with any number of heaters installed in easy-glide trolleys, on self-balanced cassette arms. Precious space between the vehicles can be saved and no loose or trailing cables on the floor disturb the work process.

- Simple and space saving high quality curing rail systems
- Rail systems tailor-made to suit different working areas
- Electric power supply integrated into the rails
- Excellent fit in tight areas between cars

PUT TOGETHER YOUR IRT RAIL SYSTEM

IRT CROSS RAIL SYSTEM	IRT RAIL SYSTEM WITHOUT CROSS RAIL
▪ Side Rail ▪ Standard Sidehung or Underhung Kit ▪ Cross Rail ▪ Vertical Arm ▪ Rail Dryer ▪ Main Switch ▪ Dust cover (spray booth only)	WALL OR CEILING MOUNTED ▪ Side Rail ▪ Suspension kit for wall or ceiling ▪ Trolley cpl ▪ Vertical Arm ▪ Rail Dryer ▪ Main Switch ▪ Dust cover (spray booth only)





The illustrations show the standard (left) and underhung (right) cross rail systems. Underhung is used to avoid obstacles when installing the rail system.

Standard sidehung cross rail system



Underhung cross rail system



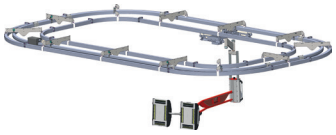
Rail system



Wall rail system



O-system



U-system



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