

# IRT POWERCASSETTES, AVIATION INDUSTRY



## IRT HEDSON INDUSTRIAL SOLUTIONS

We develop, manufacture and supply custombuilt IRT drying and curing solutions to all industrial sectors.

IRT is a trademark belonging to Hedson Technologies, an environmental engineering corporation and world leading supplier of cleaning, curing and lifting equipment.

### PROJECT DESCRIPTION

- **Type of industry:**  
Aviation manufacturing
- **Project nr:**  
33930

### OBJECTIVE

Drying paint on composites in the aviation industry

### PROCESS

- **Parts, material and dimensions:**  
Composite parts on conveyor
- **Type of transport, static/dynamic, speed etc:**  
Standard type intermittent conveyor
- **Material (wet-dry paint/other), max temp allowed etc:**  
Composite parts

### IRT HEDSON SOLUTION

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

The PowerCassettes measure appr 4200 x 3800 mm, on each side of the conveyor. Total power 270 kW. Each side has 9 zones and 15 cassettes.

The IRT control unit is pre-programmed with temperature ramps (recipies) suitable for parts made of both composites and aluminium.

The power, the time inside the Power Cassette and the end temperatures are automatically monitored.

The cassettes are equipped with double pyrometers as an extra safety feature to avoid overheating of these valuable parts.



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