

AUTOSPOT IR CURING, AUTOMOTIVE INDUSTRY

PROJECT DESCRIPTION

- **Type of industry:**
Automotive industry
- **Place:**
-
- **Project number:**
399004 AutoSpot

OBJECTIVE

By adding a pyrometer to our popular handheld dryer IRT2 PrepCure, spot repairs that are normally hard to reach are handled efficiently.

PROCESS

- **Parts, material and dimensions:**
All types of spot repair, plastic/metal
- **Type of transport, static/dynamic, speed etc:**
None, handheld unit for offline spot repair
- **Material (wet-dry paint/other), max temp allowed etc:**
High temperature automotive materials

IRT HEDSON SOLUTION

- **Chosen heating method, cassette dimensions, time, temperature increase/min, effect etc:**
Two lamps with a total of 2 kW and goldcoated FreeForm reflectors for optimal heat distribution.
Integrated pyrometer for temperature control.
Flexible and easy to use, cures all base materials and paint materials with powerful ventilation that cools the cassette and increases lamp life. Stand height 1450 mm.



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AUTOSPOT IR CURING, AEROSPACE INDUSTRY



PROJECT DESCRIPTION

■ **Type of industry:**

Aerospace industry

■ **Place:**

-

■ **Project number:**

302340 AutoSpot on customized stand

OBJECTIVE

By adding a pyrometer to our popular handheld dryer IRT2 PrepCure, spot repairs that are normally hard to reach are handled efficiently. We call it the AutoSpot. This project needed a customized stand to carry out spot repairs inside a jet motor.

PROCESS

■ **Parts, material and dimensions:**

All types of spot repair, plastic/metal

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

Handheld unit for spot repairs on customized stand

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

High temperature materials

IRT HEDSON SOLUTION

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

The AutoSpot installed on a special stand for safe and practical curing inside jet motors.

Two lamps with a total of 2 kW and goldcoated FreeForm reflectors for optimal spot repair heat distribution.

Integrated pyrometer for temperature control.

The dryer is installed on an adjustable, balanced arm which is set to desired curing position, appr 250 mm from surface. The control unit is installed on a separate stand.

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.



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