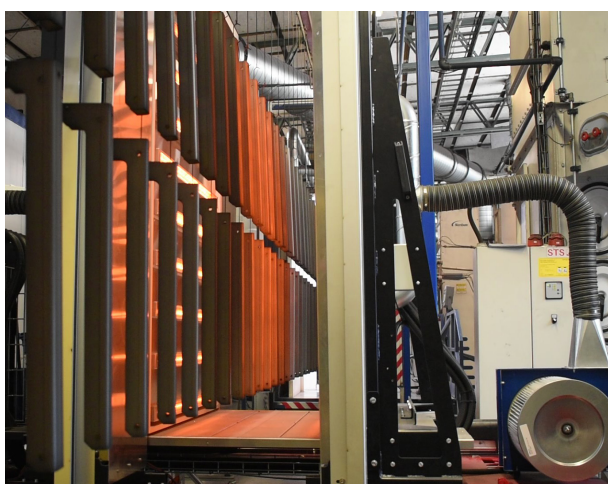


IRT BOOSTER NORDIQ

BOOST YOUR POWDER COATING LINE WITH IRT INFRARED



Small footprint.
This model 2.3x2.8 m
(7.4x9.2 ft).
Legs adjust height to
conveyor position.

PROJECT DESCRIPTION

■ **Type of industry:**

Powder coating services specialist.

■ **Project number:**

303500

CLIENT OBJECTIVE

To boost goods temperature between primer gel station and top coat station. Objects were losing temperature too fast before entering top coat station.

■ **Result:**

Required temperature increase reached plus extra flexibility to adapt to different types of goods.

CLIENT PROCESS

■ **Parts, material and dimensions:**

Small and large parts in powder coating line

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

Overhead conveyor

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

Powder

IRT SOLUTION

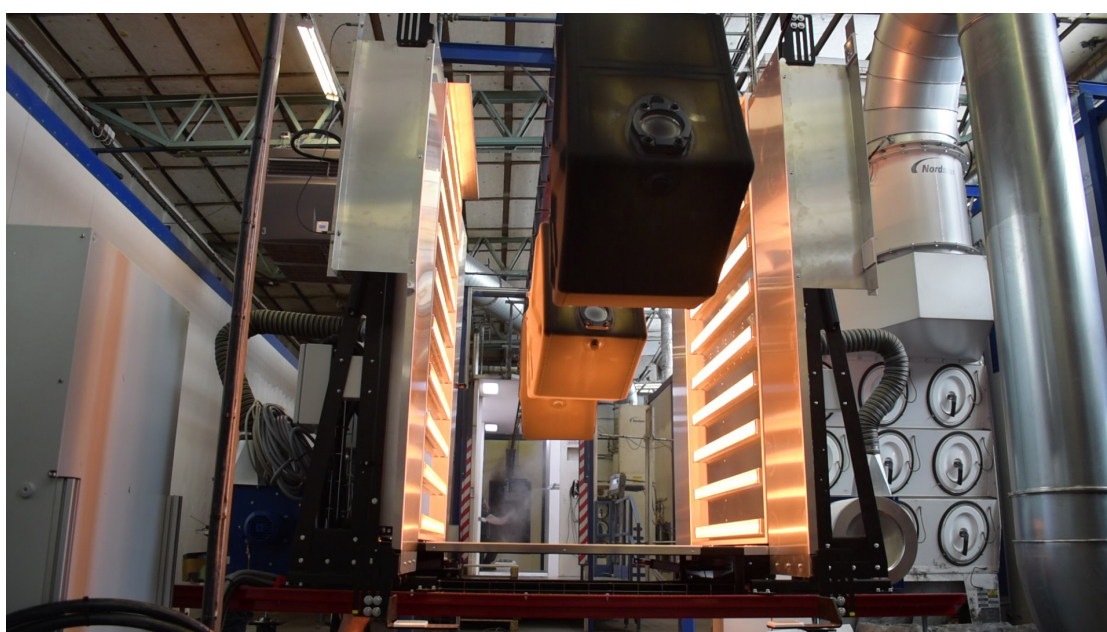
■ **Chosen heating method, cassette dimensions, time, temperature increase/min, effect etc:**

- IRT Booster 80 kW, with control cabinet (not in images):
 - 2 PowerCassettes on opposite sides
- Each side:
 - 10 lamps 1124 mm with mesh protection, each 4kW
- Top sensors identify the width of the goods and adjust the Booster sides accordingly
- A light curtain senses the height of the goods, and activates the sufficient zones
- HMI on control cabinet regulates the 10 individual zones, one side copies the other side
- Each zone can be adjusted 0-100% power
- Individual recipes are created by adapting zone power

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The IRT Booster solution has a small foot print and can be retrofitted to most paint lines, to increase line speed and improve efficiency. Production bottleneck solved!



BEHIND THE SCENES, SWEDISH INFRARED PRODUCTION SINCE 1967:



IRT INDUSTRIAL develops, manufactures and supplies custombuilt IRT 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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The manufacturer reserves the right to introduce technical modifications.



Sweden
Phone + 46 521 28 12 30

Germany
Phone +49 561-589070

North America
Phone +1 905-339-2800

France
Phone +33 3-44 26 87 76

industrialcuring@hedson.com
www.hedson.com