

Uttoxeter, Staffordshire Helipad heating system

HEATCOM

SMART HEATING SOLUTIONS



Advanced
ice & snow systems



Helipad
heating system



Fully automated
control



The Goal

Our client was replacing the existing helipad and requested an upgrade to a 20-meter diameter heated landing pad to eliminate the risk of ice or snow buildup. This was crucial to ensure that the helipad markings remained clearly visible and the landing surface remained safe, even in harsh winter conditions.

The objective was to deliver a cost-effective, robust, and easy-to-install heating system that would operate automatically and with high energy efficiency.

Due to the presence of contraction joints in the final pad surface, it was essential that each quadrant be heated separately to avoid crossing the joints with heating cables.

Heatcom's Solution via Heat Mat

Our UK subsidiary, Heat Mat, designed and supplied a bespoke solution tailored to the project requirements. We engineered a system that matched the specific heat needs of each helipad quadrant and manufactured custom ice and snow melting cables featuring extended supply leads to streamline the installation process.

Heating cables were selected instead of traditional outdoor heating mats, as cables could be more easily shaped to fit the precise sections of the helipad. These durable cables were securely cable-tied onto the reinforcement

About Heatcom

At Heatcom, we are specialists in electric heating solutions for indoor and outdoor environments.

Founded in Denmark, we deliver high-quality, energy-efficient, and easy-to-install systems to customers around the world. Our product range includes underfloor heating, ice and snow melting

mesh, spaced precisely to achieve the targeted heat output per quadrant.

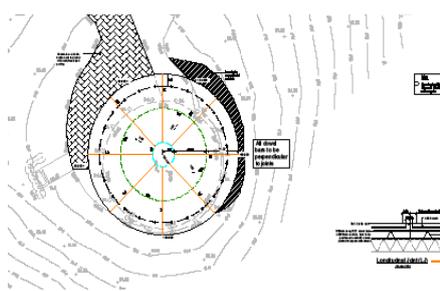
A fully automated control system was provided, offering both automatic functionality and manual override options.

Combined moisture and temperature sensors were installed within the helipad surface. These sensors enable the system to activate only when necessary, ensuring operation during frost or snow risks and shutting down promptly once conditions clear. This dual-sensor strategy maximizes energy efficiency by preventing unnecessary ev

The Result

Thanks to the tailored solution, the new helipad will remain free from frost and snow even under the most severe weather conditions.

Our system ensures the safety of landing operations is maintained throughout the winter season.



systems, heating cables, foil heating, and thermostats - all designed with a focus on comfort, safety, and sustainability.

With decades of experience and a strong commitment to innovation and quality, Heatcom is the trusted partner for professionals and

Project in detail

Date Installed

Summer 2024

Location

Uttoxeter, Staffordshire

Client

JCB

System supplied through

Town Electrical Distributors Limited

Installer

M&B Electrical

System Specifications

- Proprietary ice and snow melting cables with extended coldtails
- Moisture and temperature sensors
- Din-rail mount ice and snow controllers for automatic operation, with manual override

About underfloor heating:

Heatcom has experience in specifying multiple helipad heating systems throughout the UK and abroad. These have included pads in locations where temperatures can fall to -40°C and heating beneath a wide variety of surfaces.

homeowners alike.

We work closely with our partners, including our UK subsidiary Heat Mat, to deliver tailored heating solutions that meet even the most demanding requirements.

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