



# Tidyco™

## ELECTRICAL & CLIMATE

## CASE STUDY

### Tidyco provides a complete lighting and heating solution

#### The customer

This customer is part of a wider conglomerate. Their particular division is involved with manufacturing, transport and additional services in the aerospace industry amongst others. After winning a new contract, our customer needed to expand their footprint. They managed this by moving into a newly built warehouse situated in Derbyshire. The customer chose to work with Tidyco via a recommendation from their head office in Derby.

#### The requirements

As this was a brand-new commercial building, there was no heating provision and just the original lighting installed by the builder, which was not fit for purpose. Tidyco was tasked with the installing a modern lighting system along with an efficient and effective means of heating the 5,100m<sup>2</sup> (55,000 sq ft) vast space.

#### The solution

In order to heat and illuminate this space, which occupied a space of more than seven and half football pitches, some heavy-duty kit was required. In order to provide an effective and modern lighting system, **53 100W LED highbay luminaires** were used, achieving a 500 lux level (standard level for this sort of environment), all with in-built motion detectors.

For the heating aspect, our engineers installed an internal **TEx 41 air rotation heater**, manufactured by **Powrmatic**. With an output of 350 kW, the unit measured in at over six metres (20 ft) tall. This particular model was gas-powered.

The project was managed by Tidyco's Electrical Divisional Sales Manager, Paul Prescott along with the customer's Site Coordinator.

The whole project took approximately four weeks to install. Tidyco ultimately provided an efficient and effective heating and lighting system, providing the workers a comfortable working environment.

#### The contact details

Tidyco can fulfil the complete solution when it comes to industrial heating and lighting. If you are moving into new premises or your existing arrangement is unsatisfactory, then don't hesitate to contact Tidyco, contact Paul (Electrical Division Sales Manager) or Dave (Climate Control Divisional Director) **01332 851300** alternatively, email [electrical@tidyco.co.uk](mailto:electrical@tidyco.co.uk) / [ccadmin@tidyco.co.uk](mailto:ccadmin@tidyco.co.uk)



Top to bottom:  
Powrmatic TEx 41 and highbay  
luminaires

