

News Release

Jewers supply new doors for Two pre-WWII Hangars at Cranfield University



Working with contractors R G Carter Cambridge Limited, Jewers Doors were delighted to be awarded the contract to supply four sets of hangar doors as part of the decarbonisation project on two pre-WWII hangars at Cranfield University.

Built in 1936, the 4,200 m² hangars – known as hangars 84 & 85, were originally built in preparation for WWII and are today occupied by Cranfield University for research and maintenance purposes.

The new doors comprise of four sets of Esavian Type 126-SBR, steel framed, power operated, sliding doors, and bottom and top tracks to suit newly formed openings.

They are configured in six equal leaves, each approximately 5,920 mm wide by 10,668mm high running on three parallel tracks. Three leaves slide to each side clear of the opening into the new parking positions, the maximum clear opening available when the doors are open is approximately 35,000 mm.

As part of the complete renovation of the hangars, R G Carter's architectural and engineering design team designed an airtight, insulated 'box within a box' which sits inside the hangars, with the installation of our steel framed, insulated doors further improving the thermal efficiency of the hangars.

In an air permeability test conducted earlier this month, the hangars achieved an air leakage rate of under $3\text{m}^3/\text{h}/\text{m}^2$ at 50 pascal pressure differential, an amazing achievement.

The project, once completed will transform the hangars thermal performance and efficiency, reducing the carbon footprint by 75% and ensuring they continue to service the university for many more years.



14th June 2023

More about Jewers Doors

Established in 1983 and still a family run business, Jewers Doors is a world-leading supplier of industrial doors operating from a brand-new state-of-the-art facility constructed in 2021 in the heart of Bedfordshire. With over 60 highly skilled and experienced staff, the core of the business is design, manufacture, installation, and repair of industrial door solutions across all industrial sectors. The Phoenix range of doors are designed for medium to large industrial applications, while the Esavian range is recognised as one of the world's leading range of aircraft hangar doors. Incorporating the very latest concepts and technologies, Jewers Doors have been installed not only in the UK, but also throughout the world including Europe, Middle East, Asia, North America, and Australasia.

For more information: sales@jewersdoors.co.uk