

# WARNER BROS. STUDIOS LONDON

## PROJECT PROFILE





## THE PLACE:

Warner Bros. Studios, Leavesden is one of only a few places in the UK where large-scale film productions can be made. The studios contain approximately **50,000 m<sup>2</sup> (538,196 sq ft)** of flexible space which includes stage space, production office space, workshops and support buildings, along with an extensive **32-hectare (79-acre)** backlot favourable for exterior sets. Following an over **£110m** refurbishment by Warner Bros. the studios are now one of the **largest and most state-of-the-art film-making facilities** in the world



## THE PROJECT:


The **Making of Harry Potter Studio Tour** was opened in 2012 and has seen visitor numbers steadily rise to over 6000 per day at peak times. As a result the main visitor restaurant and kitchen area required **significant expansion** to accommodate this additional footfall.

Mansfield Pollard's expertise was required to provide a fully **DW/172 and DW/144** compliant kitchen ventilation solution for a new **800m<sup>2</sup> commercial kitchen extension** working closely with the main contractor **Western Blueprint**.

Our internal business units of kitchen ventilation, air handling, energy controls, ductwork, and acoustics collaborated to design, manufacture and install the full solution in-house.



## THE HIGHLIGHTS:

-  **6 bespoke canopies** with extract duties up to **2.66m<sup>3</sup>/s** and canopy sizes of up to **9.50 metres** along the main cookline.
-  Custom designed **attenuation package** reducing internal and external breakout noise to **NR50**.
-  **Touch screen 'Eco-Sense' demand control system:** automatically adjusts airflow dependent upon canopy activity
-  **DW/144 compliant ductwork system** including **fire-rated & stainless steel** sections leading to colour matched external **risers and intake louvres**.
-  **Air handling system** supplying **5m<sup>3</sup>/s** @500Pa with air tempering as required
-  **Full chemical fire suppression system**



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