

MULTI SERVICE CHILLED BEAMS (MSCB)

TROX UK'S MSCB DEVELOPMENT CAPABILITY



COLLABORATIVE DESIGN TO DELIVER YOUR VISION

In addition to the range of standard passive and active chilled beams TROX UK's design and manufacture capability (supported by on-site testing facilities) allows for the development of a tailored Multi-Service Chilled Beam (MSCB) that not only meets your technical specifications but your aesthetic vision too.

What are the advantages of a chilled beam?

- *Improved efficiency of space utilisation*

Suspended ceilings are eliminated with a slab to slab minimum height of only 2.8m. Chilled beams require comparatively low air flow rates, this means that the required air supply and extract duct cross-sectional areas are significantly reduced.

Lighting can also be integrated into the beam saving space and reducing on-site interfaces.

- *Architectural flexibility using MSCB*

Designed around one of TROX's active or passive chilled beam systems MSCB casings incorporate high grade architectural extrusions and the opportunity for the inclusion of integrated mechanical services minimising the visibility of services to create a clean ceiling aesthetic:

- Lighting
- Loudspeakers
- Sprinklers
- Smoke detectors
- PIR sensors

- *Ideal flexibility in change of usage*

Thanks to the configuration of chilled beams it is possible to change the usage of a building at a later stage without changes to the installation.

- *Preserving the original building*

Chilled beams are ideally suited for the refurbishment of existing buildings and for retrofit.

Why not have a look at the beams on our ["Reference and Installation Images"](#) page. To discuss your requirements and find out how TROX can help deliver your technical and design vision please [contact us](#) for further information.

(Main image: © Kate Elliott Photography)