

CASE STUDY

Alimak delivers reliable vertical access solution for unique data centre building

A large data centre located in Slough, UK, required an elevator to meet the building's unique requirements. The 'Mega-Centre' type of data centre comprises a large and complex office space with a significant IT plant volume.

An important outcome for the client was the ability to locate heavy plant on the rooftop of the building while keeping valuable office space free internally.

This client required an elevator that could reach the rooftop to transport heavy equipment to the gantry level and be impermeable to external weather conditions.

The important IT plant located on the rooftop level needs to be always accessible, so it was essential to the client that the elevator was highly reliable and remained in service with minimal downtime.

As such a custom Alimak SE-H 3200 FC elevator was installed for this complex data centre building. The elevator solution met the client's unique requirements, which featured an unusual elevator car height and weather-resistant design. The Alimak elevator provides reliable transport for personnel and IT plant and equipment weighing up to 3,200kg, from ground level to gantry with ease.

The Alimak SE-H range is renowned for its durable design for demanding industrial use. Alimak's rack and pinion technology means there is no need for a shaft, making this elevator as easy to install as it is sturdy. A unique attribute is the elevator's suitability for both indoor and outdoor applications, whilst also allowing for customisation to meet a client's most unique requirements.

Alimak's dedicated range of vertical access solutions developed for use in data centre environments is designed to operate in restricted spaces and increase productivity and enhance efficiency. Alimak's capabilities to meet these requirements further fosters our reputation as a leading vertical access supplier for data centres and warehouses.



Data Centre, Slough, United Kingdom

ELEVATOR DETAILS

Location:	Slough, United Kingdom
Application:	Data centre
Elevator model:	Alimak SE-H 3200 FC
Capacity:	3,200kg
Elevator car size:	1.56 m x 3.9 m x 2.8 m (W x L x H)
Speed:	0.7m/s
Lifting height:	11 m
No. of landings:	4