

CASE STUDY

Alimak delivers reliable vertical access solution for unique data center building

A large data center located in Slough, UK, required an elevator to meet the building's unique requirements. The 'Mega-Centre' type of data center 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 industrial elevator was installed for this complex data center 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.

Alimak industrial elevators are renowned for their 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 center 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 centers and warehouses.



Data Centre, Slough, United Kingdom

ELEVATOR DETAILS

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