

Case study:

ALIMAK TCL provides reliable crane cab access during construction of major commercial tower in France



ZAC du Pont d'Issy, Issy les Moulineaux, France

Case study:

An ALIMAK TCL was installed on a Manitowoc Potain tower crane during construction of the ZAC du Pont d'Issy commercial tower in France. The Alimak TCL maximizes crane utilization by providing reliable and smooth crane cab access with easy installation for minimal crane downtime.

Alimak Hek, in association with the global crane manufacturer Manitowoc, installed an ALIMAK TCL on a Potain tower crane located at the ZAC du Pont d'Issy commercial tower in Issy les Moulineaux, France.

Scheduled for completion in 2016, ZAC du Pont d'Issy is a 53 m high tower that will comprise 17 floors of mixed-use commercial and residential space. The ALIMAK TCL was installed on the base of the existing reinforced Potain tower crane mast, and was equipped to service a height of 30 - 70 m.

The ALIMAK TCL is designed with operator safety, comfort and usability in mind. Capable of transporting a maximum of two passengers (200 kg) at a time, the lift provides a fast, ergonomic and all-weather alternative to a traditional crane ladder. With lifting speeds of 24 m/minute, the ALIMAK TCL minimizes travel time for crane operators and service personnel, thereby maximizing crane working time.

The ALIMAK TCL offers unbeatably simple external installation, and utilizes a compact mast and rack made of durable galvanized steel. With no modifications to crane masts required, the ALIMAK TCL is simple to retrofit to the majority of existing tower crane systems and is fully compliant with 'EN 81-43: Lifts for Cranes' safety requirements.

DETAILS

Location:	ZAC du Pont d'Issy, Issy les Moulineaux, France
Application:	Tower crane lift
Type:	ALIMAK TCL
Capacity:	200 kg or 2 persons
Car size:	0.63 m x 1.2 m x 2.0 m (W x L x H)
Speed:	24 m/min (79 ft/m)
Lifting height:	30 - 70 m (98 - 230 ft)

