

CASE STUDY

Restoring historic buildings with high quality Alimak transport platforms

In addition to many of the biggest construction sites the world over, the reliability and high-quality engineering of Alimak transport platforms make them well trusted for painstaking renovation work on historic buildings.

The Via Meravigli (or 'House of Wonders') in Milan, Italy is a historically significant example of various styles of architecture covering multiple periods. It features neoclassical sections, Tuscan style columns, wrought iron balconies and original terracotta windows while the brickwork tower and its foundations date back to the third century. A site of such importance required careful expert restoration work in order to maintain and preserve its beauty for future generations, and the vertical access solution therefore needed to overcome several challenges to provide precise, reliable functionality.

The general contractor, PCMC, opted for a TPL 700 1ph for the narrow streets of Milan with a compact footprint. The fragile terracotta windows had to be protected and the upper level presented only small windows as access points.

The new Alimak TPL 700 1ph represents the smallest transport platform in the range with all the experience and expertise of Alimak packed into a compact solution. With a combined scaffold and landing tower for this project, the TPL 700 1ph delivers practical and reliable vertical access within a tight operating space.

Features such as horizontal sliding landing gates make the TPL 700 1ph the ideal choice for cramped conditions on balconies and small windows. Recently introduced exclusively to the Italian market, the Alimak TPL 700 1Ph with a single-phase powered machinery enhances the productivity and cost efficiency of operations on construction sites.

The design of the TPL 700 1ph minimises the need for tie ins in order to help preserve the period features and structural integrity throughout restoration projects.



Via Meravigli 4, Milan, Italy

PLATFORM DETAILS

Location:	Via Meravigli 4, Milan, Italy
Application:	Internal renovation
Platform model:	Alimak TPL 700 1Ph
Capacity:	700 kg
Platform size:	(W x L) 1.05 m x 1.6 m
Speed:	9.5 m/min.
Lifting height:	9 m

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