

Resident Buildings

San Marino, San Marino

Modern-day curtain walls

The standard machine for small buildings.

Architecture: Battistini Piersante & Emanuela Valli Studio
Technico

This building has been previously an office building and in 2015 it has been completely renovated and converted to a luxury apartment building in San Marino.

Scope

As the structure has not changed, a very lightweight Building Maintenance Unit with material hoist has been required.

Strategy

The rail track had to be a freely laid track without any penetration of the roof in order not to damage the water proofing.

BMU Type FBA 2

A machine with material hoist of 150kg

Rail track for BMU

Approximately 100m of freely laid rail track with roof mates on concrete sleepers



BMU FBA Type 2: a standard machine.



The crane house is designed to rigidly support the jib with luffing mechanism and the hoist unit.



The counterweight system is the machine's chassis itself.



Concrete dice to support the rail without penetrating the membrane roof.