

MY HOME SAYUK PROJECT, HYDERABAD, INDIA

CASE STUDY

Alimak Levato 450 powers vertical access for residential tower construction

The My Home Sayuk project will comprise of 12 residential towers, each overlooking a central courtyard. Designed to foster a sense of connection, the project uses Vaastu, the traditional Hindu system of architecture.

An ambitious project like My Home Sayuk, comes with logistical challenges, especially when it comes to the vertical transportation of materials and personnel. In high-rise construction, every delay counts. That's why the project team chose the Alimak™ Levato 450 construction hoist – a cost-effective, modular solution that keeps productivity on track and timelines in check.

To meet the rigorous demands of the project, two Alimak Levato 450 construction hoists were installed. Each boasted a robust payload capacity of 2,000 kg, easily handling heavy and bulky loads. With a travel speed of 60 m/min each hoist was able to provide fast and efficient vertical movement throughout the build.

With strict space constraints, the modularity of the Levato 450 meant installation was straightforward. Opting for a 1.4m wide by 3.0m cage size, both hoists were the ideal size to boost productivity throughout construction. The project had a total lifting height of 140 m; by opting for a VFC motor drive, the Levato 450 was able to travel at a speed of 60 m/min, ensuring productivity remained a priority.

The Alimak Levato 450 runs on Alimak's proven rack and pinion technology, ensuring reliability and durability in all conditions. The robust design ensures optimum performance, despite the hot and humid Hyderabad weather. Its intelligent control – powered by Alimak's ALC III – optimizes performance by automatically selecting the most efficient operational mode to reduce wait times and increase productivity.

With an improved car door design, the Levato 450 further enhanced on-site performance by simplifying installation and minimizing setup time. This meant faster deployment and less downtime, both key advantages in a high-pressure build environment.

When you're building prestigious structures, you need equipment that performs. The Alimak Levato 450 construction hoists delivered increased productivity, enhanced safety, and modularity – a trusted choice for high-profile developments like My Home Sayuk.



An Alimak Levato 450 construction hoist at work

HOIST DETAILS

Location:	Hyderabad, India
Application:	High-rise construction
Hoist type:	Alimak Levato 450
Hoist capacity:	2,000 kg
Hoist car size: (W x L x H)	1.4 x 3.0 x 2.13 m
Speed:	60 m/min
Lifting height:	140 m
No. of landings:	40

www.alimak.com

ALIMAK

Pictures are illustrative only and do not necessarily show the configuration of products on the market at a given point in time. Products must be used in conformity with safe practice and applicable statutes, regulations, codes and ordinances. Specifications of products and equipment shown herein are subject to change without notice. Copyright © Alimak Group. All rights reserved. ALIMAK, LEVATO, MAMMOTH, MEDIUS, SCANDO, VECTIO and related logos are registered trademarks of Alimak Group AB (publ) and its subsidiaries ("Alimak Group"), in several jurisdictions, including but not limited to the EU and the United States. Alimak Group retains all rights in its name and for above mentioned trademarks, whether registered or not.