

CASE STUDY

Motorcycle showroom gives full throttle service with Alimak warehouse elevator

Alimak's extensive range of vertical access solutions such as construction hoists and industrial elevators are tried and trusted the world over in a broad range of demanding settings. This commitment to excellence in quality and functionality for each individual project is also true of Alimak's range of warehouse elevators which are designed to service the particular needs of this industry.

The Mah Pte Ltd, showroom and warehouse in Singapore carries world-leading motor brands including Triumph, Aprilia, Vespa and Indian. Vertical transport solutions for these large and heavy machines are a vital part of operations with a safe, efficient and reliable system being required to move the bikes between the ground floor, the showroom, the third level workshop and the fourth level warehouse.

Mah had previously been utilising an aging elevator for this purpose but the expert Alimak team were able to deliver a more appropriate solution for their needs. The new Alimak SC-IND 45 FC warehouse elevator is capable of lifting up to 1,000kg at speeds of up to 36m/s while the famously rugged rack and pinion design means there was no requirement for an elevator shaft. This presented a practical and cost-effective solution which could be easily retrofitted within the tight space available for the existing building layout.

The Alimak elevator has proven to be an indispensable investment in the smooth and efficient day to day operations and Mah has therefore wisely chosen to engage Alimak in an ongoing maintenance agreement to ensure this key investment is optimised long into the future.

The full range of Alimak SC industrial elevators are ideal for the transportation of passengers and materials. The elevators offer efficiency, safety and low cost of ownership to deliver on vertical access requirements in various industrial environments. The SC range is fitted with Alimak's ALC lift control system with internal fault diagnostics. Standard capacities range from 2,000 kg to 3,200 kg with an explosion-proof model also available with a 1,500 kg capacity.



Mah Pte Ltd, Singapore

ELEVATOR DETAILS

Location:	Mah Pte Ltd, Singapore
Application:	Motorbike workshop and warehouse
Elevator type:	Rack and pinion
Elevator model:	Alimak SC-IND 45 FC
Capacity:	1,000 kg
Elevator car size:	1.4 x 3.0 m (W x L)
Speed:	36 m/min.
No. of landings:	4
Lifting height:	13 m

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