

CONSTRUCTION HOISTS   INDUSTRIAL LIFTS   TRANSPORT PLATFORMS   WORK PLATFORMS   REMOTE MONITORING SYSTEMS

### Extra large construction hoists for passengers and materials

With internal car lengths up to 5 m, a width of 2 m and a height of 2.8 m the new Alimak Scando 650 FC-XL surpasses all existing standard construction hoists operating on a single mast.

The Alimak Scando 650 FC-XL ease transportation of long facade elements or other bulky materials in the hoist car. By using a forklift truck or a board transit bench the loading and unloading of bulky materials can be done easy and ergonomically.



Speeds up to 54 metres per minute and capacities up to 2,500 kg can be achieved. For higher speed (up to 100 metres /minute) or capacity, the data will be specified as per actual project demand.

### Adding extra large hoist cars to the 650 success

The 650 concept has been a huge success, combining productivity, reliability and a cost saving modular system with improved ergonomics and up to 40 percent decreased power consumption. With the introduction of the 650 FC-XL, productivity will be increased further and thus save time and money.

### Compatible with all 650 modules

In addition, the 650 FC-XL has no counter weight, and can use the whole line of modules and additions available for the Alimak Scando 650 family. It can be configured (or delivered) with standard modules to suit all known project demands for vertical access from low to extreme high-rise buildings.

Construction Hoists

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<b>Max payload capacity</b>	2,500 kg
<b>Speed</b>	0–54 m/min.*
<b>Max. lifting height</b>	250/400 m**
<b>Car width (internal)</b>	2.0 m
<b>Car length (internal)</b>	3.2–5.0 m
<b>Car height (internal)</b>	2.8 m
<b>Motor control</b>	Frequency Control (FC)
<b>No. of motors</b>	3
<b>Safety device type</b>	GFD-II
<b>Power supply range</b>	400–500 V, 50 or 60 Hz, 3 phase
<b>Type of mast</b>	650, tubular steel with integrated rack
<b>Length mast section</b>	1.508 m
<b>Weight mast section with 1 rack</b>	118 kg
<b>Rack module</b>	5

\* Increased travelling speed up to 100 m/min. on request

\*\* Increased lifting height on request. 250 m with step-up transformer only. 400 m with step-up/step-down transformer.

