



SCAFFOLD TRANSPORTATION SYSTEM

PRODUCT GUIDE

ALIMAK STS 300

Access anytime, anywhere

ALIMAK

ALIMAK STS 300

Enhance efficiency and safety

Alimak™ is proud to introduce the latest Alimak STS 300 Scaffold Transportation System, now enhanced to fit most scaffolding systems available today. It has a range of unique features and benefits, and a different approach to other solutions. Alimak STS 300 offers enhanced productivity, quick and simple installation, less waiting time, is simple to transport with enhanced safety features and ergonomics. The STS 300 is your new scaffold crew member.

Alimak STS 300 is a scaffold transportation system concept designed to support scaffolders in installing and dismantling scaffolds more efficiently and safely. The Alimak STS 300 not only moves scaffold material vertically it also supports horizontal movements. With a crew requirement of only two people, up to 400 square metres of scaffolding can be installed per day.

SUPERIOR BENEFITS

- **Less waiting time** – loading and unloading of detachable boxes at ground level while the unit is loaded/unloaded at the top
- **Enhanced productivity** – efficiently and safely install up to 400 m² of scaffold per day between two people
- **High return of investment** – Due to costs saved on labour, the Alimak STS 300 provides a quick return on investment
- **Designed for safety** – With many safety components, the system offers an enhanced way to work more safely. Alimak STS 300 ensures scaffolders are always working in a safe position, in line with the latest regulations
- **Quick and simple install** – with no time needed to install landings gates, coupled with a single bolt connection of the mast and straight forward tie-in with standard scaffold ledgers, the Alimak STS 300 is installed in minimal time. Only standard scaffold tools are required for assembly.
- **Easy to transport** – The detachable boxes support horizontal movement between the truck and the place of installation
- **Easy handling** – The stackable boxes are prepared for easy handling of scaffolding and can be used as a storage system supporting easy identification of components
- **Improved ergonomics** – Improves overall manual handling and working ergonomics for scaffolders



INSTALL 400 M² OF SCAFFOLD PER DAY WITH ONLY A TWO-PERSON CREW

Using the Alimak STS 300 requires only two people in a scaffold crew. One at the bottom for loading and unloading the boxes, the other at the top to install or dismantle the scaffold and moving to or from the box. Even large scaffold parts such as staircases fit in the box, which means that fewer other vertical transports are required.

Extensive field testing has confirmed that a scaffold crew of two people can build 400 m² scaffold per day in a reliable and ergonomic way.

ALIMAK STS 300

Scaffolding made easy

Scaffolding systems

Alimak STS 300 is designed for use with Ringlock, Cuplock and Kwikstage system scaffolds

Swivelling box

Loading and unloading at height is completed safely by swivelling the STS 300 box to the scaffold, whilst always safely standing behind handrails

Mast and ties

Fast one-bolt connection of the mast and simple ties with standard scaffold ledgers

Stackable boxes

Boxes can easily be stacked on top of each other for easy handling and transportation

Easy loading of materials

Easy and efficient to load complete scaffold sections on the ground whilst unloading at top

Boxes with wheels

For smooth horizontal movement of scaffold materials on the ground

Drive system

Base unit

Compact design base unit, easy to move with forklift, by crane* or manually**

* with optional Alimak lifting device accessory ** with optional wheel set accessory

Technical specifications

ACCESSORIES

- Additional boxes can be used for enhanced efficiency. The boxes can easily be stacked on top of each other for easy handling and transportation.
- Auxiliary box to transport the smallest scaffolding parts.
- Anti-theft device preventing theft of power cable.
- Lifting device for easy lifting of the base unit with crane.
- Extension cable set (50 m). 3G6 flexible electric cable.
- Short mast section, length of 330 mm, for adapting to special scaffold installations.
- A spare parts kit with a selection of genuine Alimak spare parts to optimize uptime of your STS 300.



Drive system type	Rack and pinion
Certification	CE marking
Max. payload capacity	300 kg
Max. travelling speed	17 m/min.
Max. lifting height	50 m
Lifting height kits available	12, 24, 36 or 48 m
Box dimensions, incl. upper frame (W x L x H)	0.88 m x 1.23 m x 2.07 m
Box dimensions, without upper frame (W x L x H)	0.88 m x 1.23 m x 0.87 m
No. of motors	1 x 2.2 kW
Power supply range	230-460 V, 50/60 Hz, 1 or 3 phase
Fuse ratings	16 A
Mast section dimensions (W x L x H)	164 x 171 x 1005 mm
Mast section weight	16 kg
Tie distance	2 m (max. 4 m)
Max. height without ties	1 m
Max. noise level	90 dB (A)

For other demands or specifications, please consult your Alimak representative.