



SCAFFOLD TRANSPORTATION SYSTEM

PRODUCT GUIDE

ALIMAK STS 300

Access anytime, anywhere

ALIMAK

Enhance efficiency and safety

Alimak is proud to present the new Alimak STS 300 Scaffold Transportation System. Alimak STS 300 is designed for use with the PERI UP scaffolding system. The Alimak STS 300 offers a range of features which enhance efficiency and safety in comparison to other solutions.

In cooperation with PERI, Alimak is introducing the Alimak STS 300 – a completely new Scaffold Transportation System concept supporting scaffolders to install and dismantle PERI UP scaffolding more efficiently and safer. The Alimak STS 300 not only move scaffold material vertically but also supports horizontal movements. With a crew requirement of only two people, up to 300 square metres of PERI UP 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 300 m² of scaffold per day between two people
- **High return of investment** – Due to costs saved on labour, the Alimak STS 300 provides for a prompt return on investment
- **Designed for safety** – With many safety components, the system offers an enhanced way to work more safely. The combination of PERI UP scaffold and 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 for the installation of landings gates, coupled with a single bolt connection of the mast and straight forward tie-in with standard PERI 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 the PERI UP 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 300 M² SCAFFOLD PER DAY WITH A CREW OF ONLY 2 PERSONS

Using the Alimak STS 300 requires only two persons in a scaffold crew. One at the bottom for loading and unloading the boxes, the other person at the top to install or dismantle the scaffold and moving to or from the box. All PERI UP Easy scaffold parts fit in the box, including the large staircase which means no other means of vertical transportation is required.

Extensive field testing has confirmed that a scaffold crew of two persons can build 300 m² scaffold per day in a safe and ergonomic way.

ALIMAK STS 300

Scaffolding made easy

PERI UP Easy scaffolding system

Alimak STS 300 is designed for use with PERI UP scaffolding system

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 PERI 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

Box wheel set, option

For easy 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 PERI wheel set accessory

Technical specifications

ACCESSORIES

- Additional boxes can be used for enhanced efficiency. The boxes can easily be stapled on top of each other for easy handling and transportation.
- Box wheel set for easy horizontal movement of scaffold materials on the ground.
- 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 V, 50 Hz, 1 phase + N + PE
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. 3 m)
Max. height without ties	1 m
Operating temperature	-15°C – +40°C
Max. noise level	90 dB (A)

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

BUILD YOUR STS 300 ONLINE

Visit the Alimak website where you can build your Alimak STS 300 with your choice of height-kits and accessories.

Visit www.alimak.com/uk/product/sts-300-product-configurator

www.alimak.com

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