



Alimak STS 300 - Scaffold Transportation System in action

IMAGE SOURCE: Alimak

Alimak launches an updated Scaffold Transportation System for ring lock systems

7 March 2025 by Alimak Group

- Alimak introduces the updated STS 300 Scaffold Transportation System, compatible with most ring lock system scaffolds.
- The STS 300 enhances productivity by enabling the installation of up to 300 square meters of scaffolding per day with just two operators.
- Key features include a 300 kg payload capacity, 17 meters per minute transport speed, and easy installation with minimal tools.

- Safety and ergonomic features include swivel loading/unloading, ground-level loading, and wheels for horizontal movement.
- The STS 300 is initially available in Europe, with plans for a global rollout to support diverse scaffolding needs.

Alimak is proud to introduce the latest STS 300 Scaffold Transportation System, which is now enhanced to fit most ring lock system scaffolds available today. This innovative system is designed to optimise scaffolding operations with a unique approach, offering a range of features that set it apart from other solutions in the industry.

The Alimak STS 300 provides an efficient and reliable means of transporting scaffolding materials vertically and horizontally, addressing the core needs of productivity, safety, and ease of use. With the ability to install up to 300 square meters of scaffolding per day using just two operators, the STS 300 is a valuable asset for any scaffolding team looking to streamline their workflow.



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Key features

- **High capacity:** The Alimak STS 300 has a 300 kg payload capacity, allowing teams to transport large quantities of scaffolding materials simultaneously, including bulky components like staircases. This capability minimises the need for additional lifting equipment and reduces the required trips for material handling.
- **Efficient speed:** At 17 meters per minute, the STS 300 quickly moves materials across various levels, reducing waiting times and boosting overall productivity on-site.

- **Easy installation and transport:** The Alimak STS 300 is designed for fast assembly and minimal tool requirements. It is installed using a one-bolt mast connection, and landing gates need no time to be installed. Additionally, it features stackable boxes that simplify transportation and storage, reducing setup and dismantling time.
- **Swivel loading and unloading:** Loading and unloading at height can be safely completed by swivelling the STS 300 box to the scaffold while always safely standing behind handrails.
- **Ground-level loading:** Allows for easy and efficient loading of complete scaffold sections at ground level and seamless unloading at the top.
- **Boxes equipped with wheels for horizontal movement:** The STS 300 box is equipped with wheels, enabling smooth horizontal movement of scaffold materials on the ground.



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Safety is a top priority in Alimak's design philosophy, and the STS 300 reflects this with several ergonomic and safety-oriented features:

- **Minimal crew requirements:** The system only requires two workers in a scaffold crew: one at the bottom for loading and unloading the boxes and the other at the top to install or dismantle the scaffold. This reduces the overall workforce needed and lowers the risk of accidents due to overcrowded work areas.
- **Ergonomic handling:** By reducing manual handling and the physical strain on operators, the STS 300 promotes a safer working environment and minimises the risk of repetitive strain injuries.

- **Controlled loading and movement:** With secure, swivel-based loading and unloading, scaffolders can efficiently manage materials without excessive lifting or manoeuvring, ensuring safer and quicker operations.

Initially, the Alimak STS 300 is available for order in Europe and will gradually be rolled out to more markets globally. This phased approach allows Alimak to support a broader range of scaffolding needs across international markets. It is an ideal solution for companies looking to improve their scaffold transport operations' efficiency, safety, and flexibility.

Source: Alimak

WORK PLATFORMS