

stow
MEMBER OF AVERYS GROUP

STOW ATLAS®

The integrated deep lane storage and retrieval pallet shuttle system.

STOW ATLAS®
PALLET SHUTTLE

The Stow Atlas® pallet shuttle system is a deep lane storage and retrieval system. The heart of the system is a carrier used to move pallets within a specifically designed racking structure. This results in an optimized storage capacity.

Stow Atlas® 3.0 is the newest generation of the Stow shuttle, with a higher performance level and a top reliability, thanks to quality components and a simple design.





1/ Platform
2/ Running wheels
3/ End buffer
4/ Battery cover with handles
5/ Anti-slip coating
6/ Side wheels
7/ Pallet sensors
8/ Running sensors
9/ Emergency stop
10/ Start-stop key

THE OPERATION

The pallet shuttle system consists of a specific rack and a mobile shuttle. This shuttle is a self-powered device that runs on rails in the storage lanes to load and unload pallets. The forklift will place the Stow Atlas® in front of the lane where the action is. From its home position, the shuttle performs the loading and unloading tasks without any further human intervention.

These tasks are communicated by the forklift driver using a remote control. Once the task is completed the shuttle returns to its home position and is then ready to be transported with a forklift truck to a new lane for a new task. Each shuttle unit runs on lithium batteries with a long autonomy (up to 16h) and a short charging time (max 3h).



THE HIGHEST POSSIBLE STORAGE DENSITY

By introducing more shuttles into your racking system, the performance will increase. The system can be used for new installations as well as for refurbishments, and is independent from the number and the depth of the lanes. The automated system guarantees the highest possible storage density.



YOUR PROFIT

- Max. storage capacity for a min. investment.
- Higher performances with a fast R.O.I.
- Flexibility & reliability: racking & shuttle from 1 supplier.
- For performant storage:
  - standard: euro, industry & combined
  - adaptable: for multiple pallet types, also big bags, CP 1-9, most plastic pallets
- The system is designed to work in temperatures from -30° C upwards.
- The lane depth is unlimited.
- Long lasting battery is included, guaranteeing a maximum autonomy.
- The electro-mechanical lifting device is as good as maintainance free, and ideal for cold store applications.
- The operator is free to work LIFO or FIFO at every moment in every lane.
- Inventory counting.
- CE certified.

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WE RACK THE WORLD

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