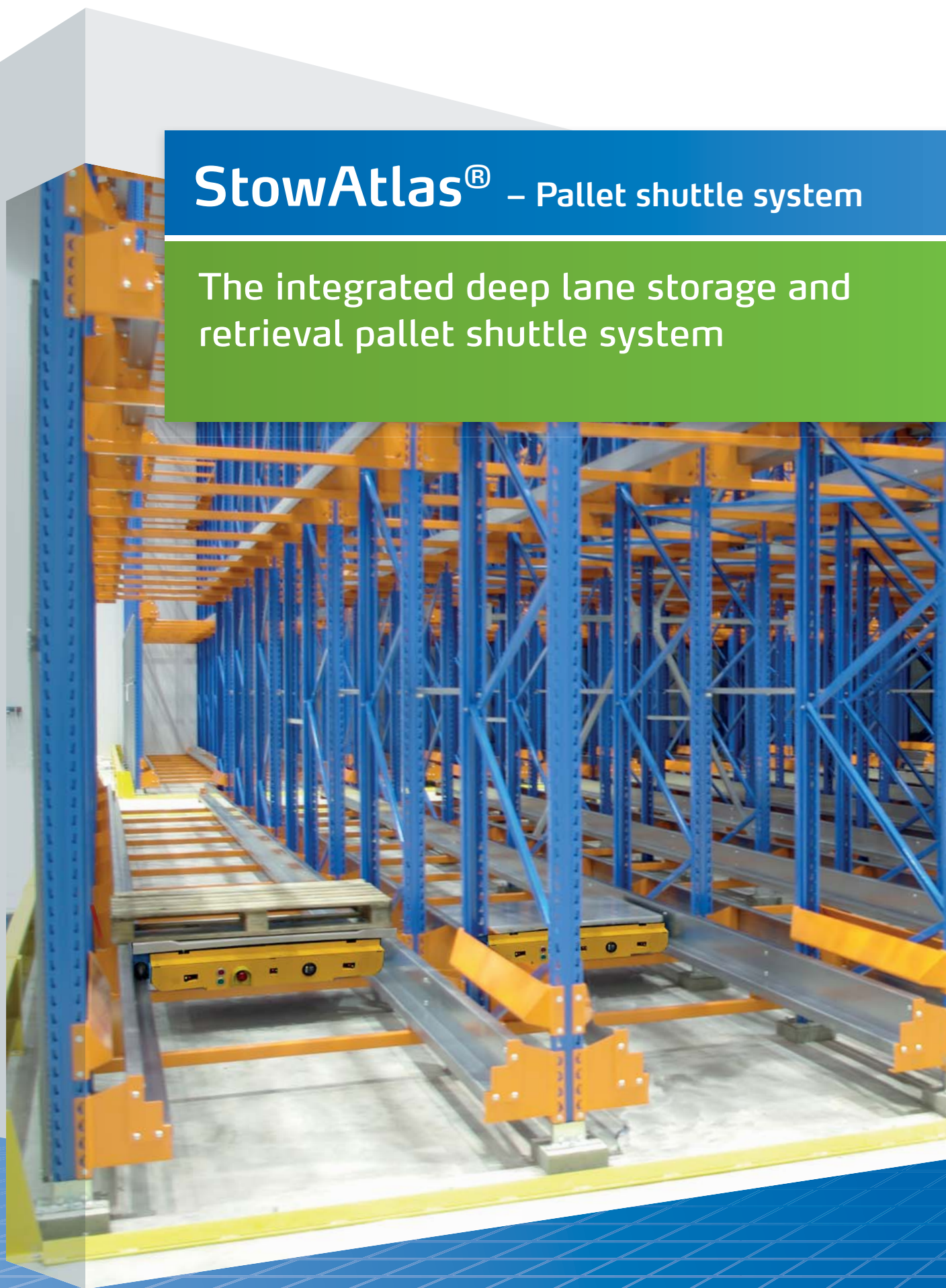


StowAtlas® – Pallet shuttle system

The integrated deep lane storage and retrieval pallet shuttle system



StowAtlas®



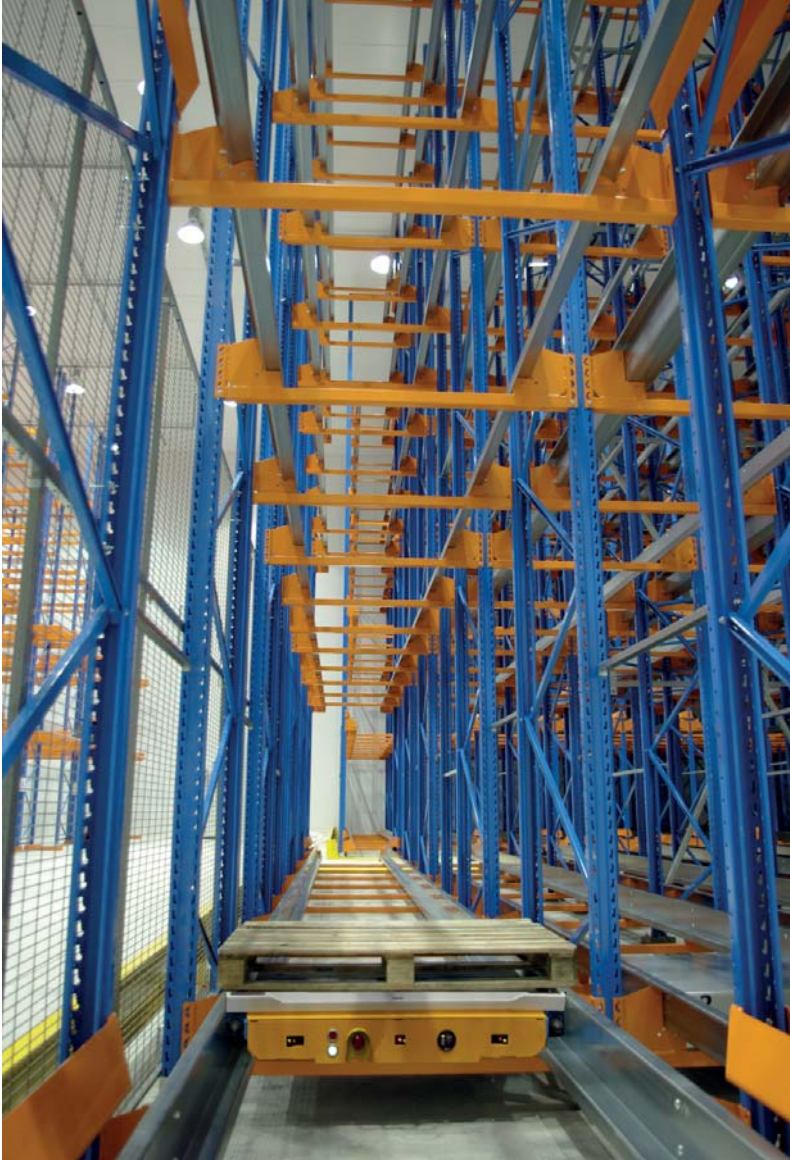
The pallet shuttle system from Kardex Stow, StowAtlas®, is a deep lane storage and retrieval system. It is a carrier used to move pallets within a specifically designed racking structure, thus optimizing the storage capacity.

The pallet shuttle system consists in a specific rack and a mobile shuttle. This shuttle is a self-powered device that runs on rails in the storage lanes for the loading and unloading of pallets. It is transported to its location at the front or the back of a lane (in case of open back side) by a standard forklift. Once at its home position, the shuttle performs the loading and uploading tasks without any human intervention.

These tasks are communicated by the fork lift driver using a remote control. Once the tasks are completed the shuttle returns to its home position and is then ready to be transported to a new location for a new task. Each shuttle unit has rechargeable batteries and is transferred between different storage tunnels by a standard fork lift truck

By introducing more shuttles into a 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

Technically



- Speed: 0.8 m/s loaded – 1 m/s empty
- Load capacity: 25 kg – 1500 kg
- Different pallet types can be used (1200x800, 1200x1000, combined 1200x(800&1000))
- The system is designed to work in temperatures from -35° C upwards.
- The lane depth is unlimited.
- Long lasting batteries are included, guaranteeing a maximum autonomy. Also, the braking energy is regenerated, thus optimizing the operating autonomy.
- The electro-mechanical lifting device is easy to maintain, and ideal for cold store applications.
- LIFO and FIFO are possible in the same installation

interchangeable

- LIFO and FIFO are possible in the same applications:

- easy to maintain and ideal for cold store
- The electro-mechanical lifting device is

long, ensuring the maximum autonomy.

The StowAtlas system complies with the European FEM and EN regulations; and the quality is assured to ISO 9001. All components have been thoroughly tested in specialized laboratories, and are very cost effectively produced at our fully automated manufacturing unit to a high quality standard. Kardex Stow's vast experience in the manufacturing of racking were crucial in optimizing the shuttle racking system.

Locations

**Stow International nv
(registered office)**

Industriepark 6B
B-8587 Spiere-Helkijn
Belgium
Tel +32 56 48 11 11
Fax +32 56 48 63 70

Stow Ceska s.r.o.

Modletice 141
CZ-251 01 Říčany u Prahy
Czech Republic
Tel +420 311 344 300
Fax +420 311 344 310

Stow Polska Sp. z o.o.

Ul. Rzymowskiego 30
PL-02-697 Warszawa
Poland
Tel +48 22 647 06 51
Fax +48 22 647 00 67

**Stow International nv
(place of business)**

Avenue du Bois Jacquet 10
B-7711 Dottignies
Belgium
Tel +32 56 48 11 11
Fax +32 56 48 63 70

Stow Deutschland GmbH

Karl-Bosch-Strasse 2
D-65203 Wiesbaden
Germany
Tel +49 611 26 76 90
Fax +49 611 26 76 979

Stow U.K. Ltd.

Unit 7 Copse Farm
Lancaster Place
South Marston Industrial Estate
Swindon Wiltshire SN3 4UQ,
United Kingdom
Tel. +44 845 201 35 40
Fax +44 845 201 35 41

Stow Belgium

Boulevard Industriel 55
Futur x, Bât. H
B-7700 Mouscron
Belgium
Tel +32 56 48 11 20
Fax +32 56 48 11 33

Stow France S.A.S.

Avenue de la Tour Maury
ZAC du Fresne
F-91280 Saint Pierre du Perray
France
Tel +33 169 89 50 50
Fax +33 169 89 04 06

Shanghai Stow

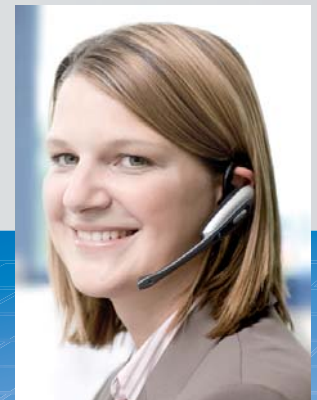
Storage Equipment Co. Ltd.
No. 1680, Sheng li Road
QingPu District
Shanghai 201700
PRC China
Tel +86 21 6922 5600
Fax +86 21 6434 1812

Stow GmbH Austria

Puchgasse 1
A-1220 Wien
Austria
Tel +43 1 897 53 80
Fax +43 1 897 53 80 11

Stow Nederland bv

Minervum 7208b
NL-4817 ZJ Breda
Netherlands
Tel +31 76 57 98 181
Fax +31 76 57 98 180



For more information,
contact us at:
www.kardex-stow.com
info.stow@kardex.com