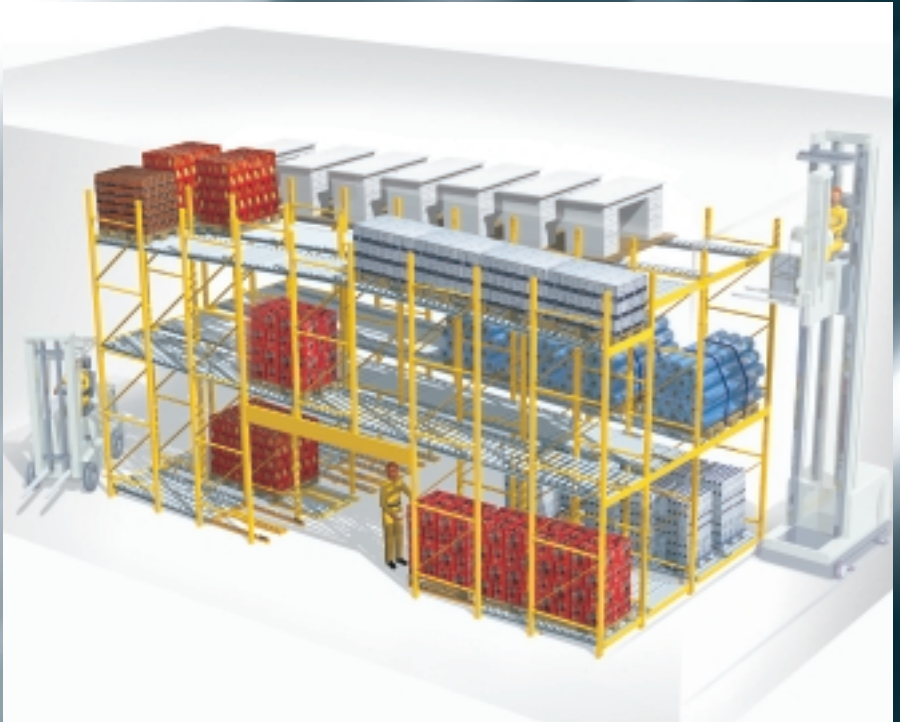




WE MAKE THE WORLD MOVE



H E A V Y
M O D U L E S

ok what we've got in store for you

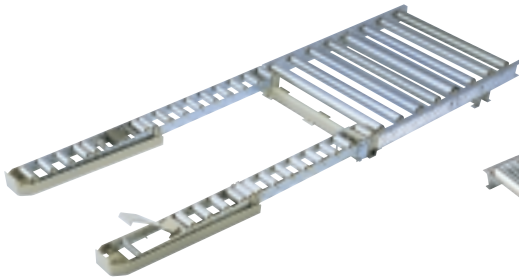


The most important functional elements of the Interroll flow storage system

- **Speed controllers.**
Invisibly integrated into the roller to regulate the speed of passing pallets of various weights up to 1,200 daN. The heavier the weight, the greater the braking effect.
- **Proven conveyor rollers.**
Sealed against dust and equipped with high-quality ball bearings, these rollers guarantee a long life for your Interroll flow storage system.



DYNAMIC STORAGE



Manual hand truck unloading module STP

with knee joint safety separator incorporating removable modules for cleaning access.



Intermediate module

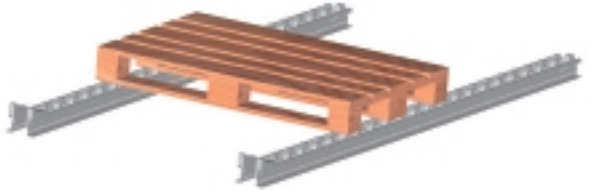
for use with standard Euro pallets in long way transport. One speed controller is installed in each pallet position. This ensures smooth transport of the pallets.



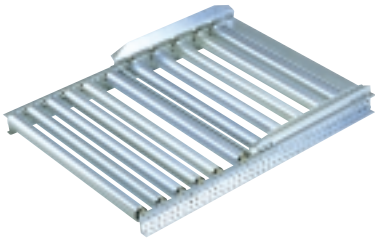
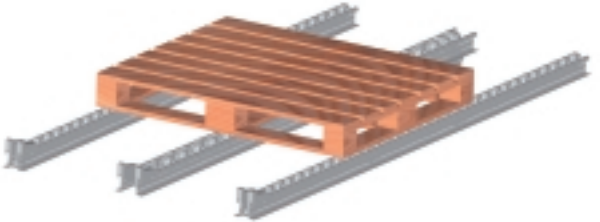
Wheel Flow, twin-track unloading module
for Euro pallets in long way transport.



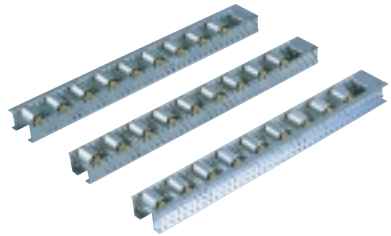
Wheel Flow, twin-track unloading module
for Euro pallets and FIN pallets for push-back handling (LIFO = Last In, First Out).



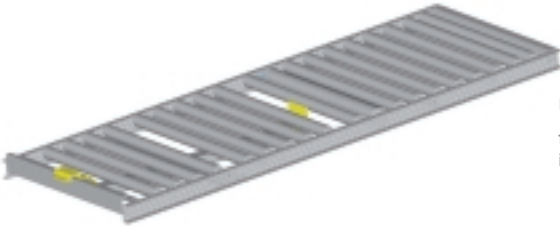
Wheel Flow, triple-track unloading module
for GKN pallets in long way transport.



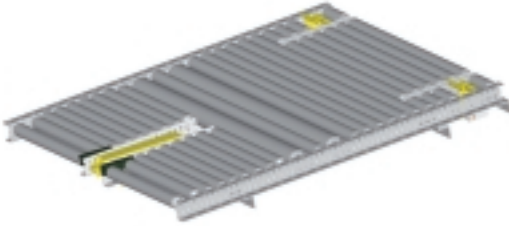
Standard loading modules
with full-width rollers and integrated entry guides.
Entry guides ensure that the pallets are loaded parallel to the flow storage channel.



Triple-track loading module
with free space for forks



Unloading module
for order picking lanes with
integrated safety separator.



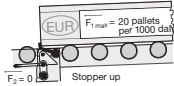
Unloading module
for cross way pallet transport
with integrated knee
joint safety separator.



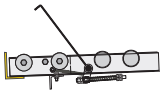
Pallet unloading with zero pressure accumulation
via knee joint safety separator.



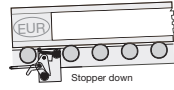
The running pallet depresses the safety separator
paddle and pushes the stopper up.



$F_2 = 0$ Stopper up



When the paddle is in the normal position,
the stopper is lowered.

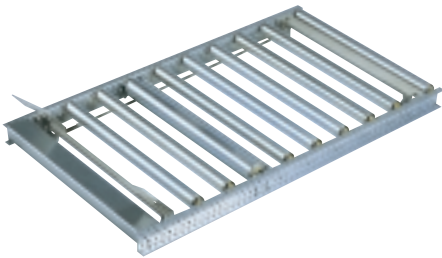


Stopper down

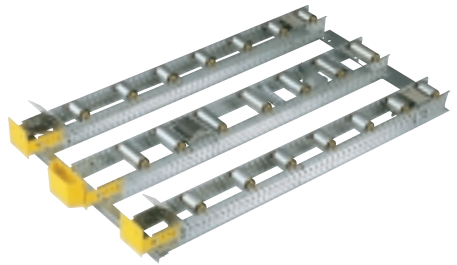
Safety separator

The safety separator with knee joint stopper is specially designed for extreme load pressure with heavy pallets in long flow storage channels.

This safety factor deserves special attention.



Unloading module RT
with full-width rollers and integrated knee
joint safety separator.
Unloading module for fork lift trucks.



Triple-track unloading module S3R
with free space for forks
and integrated knee joint safety separator.

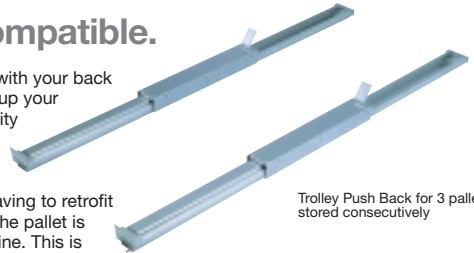


DYNAMIC STORAGE

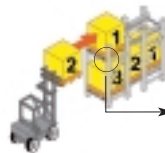
The Trolley Push Back System: Fast, Compact and Highly Compatible.

Things are usually very tight indeed when you are standing with your back up against the wall. Unless, of course, you have got an ace up your sleeve – in the form of Push Back. This ingenious high-density storage system is able to handle just about any pallet design and is tailored to meet every requirement in the area of fast-moving goods. Push Back is the ideal solution for storing pallets in configurations up to four deep – without having to retrofit your existing stacking equipment. And it is as easy as this: the pallet is placed on the two trolleys and pushed back against the incline. This is repeated with the next pallets until the channel is full. The same approach – but reversed-is used when taking out the pallets ("LIFO": Last In, First Out). Here are just some of the benefits of this system:

- Simple, easy to fit into existing racking systems
- Fully zinc-plated design
- Pallet weight from 150 kgs to 1,400 kgs per pallet position as standard one design
- Various pallet types can be used (EURO, Industrial, GKN, Chep, USA-GMC, Australian GKN, Plastic Pallets, etc)
- Fitted with easy-to-view empty pallet position indicators
- Linked trolleys to improve return flow and to compensate for over-reaching at loading position
- Rail wipers fitted as standard
- 2, 3 or 4 deep system on 2.5 % or 3.5 % slope
- Precision (not semi) sealed bearings for long-life operation



Trolley Push Back for 3 pallets stored consecutively



The loading of the pallet follows parallel and central on the trolleys.



The yellow dicator shows the fork lift truck driver that further pallets can be stored into the Trolley Push Back channel.



At a constant driving speed of the fork lift truck with pallet is stacked in the system against the slope and is set down on the trolley.



DYNAMIC STORAGE

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