

META MULTILINE[®]

Flow racks and Feeder racks



META MULTILINE® Flow racks Profitability

In order to increase the profitability of your warehouse, the optimal use of existing capacities is necessary.

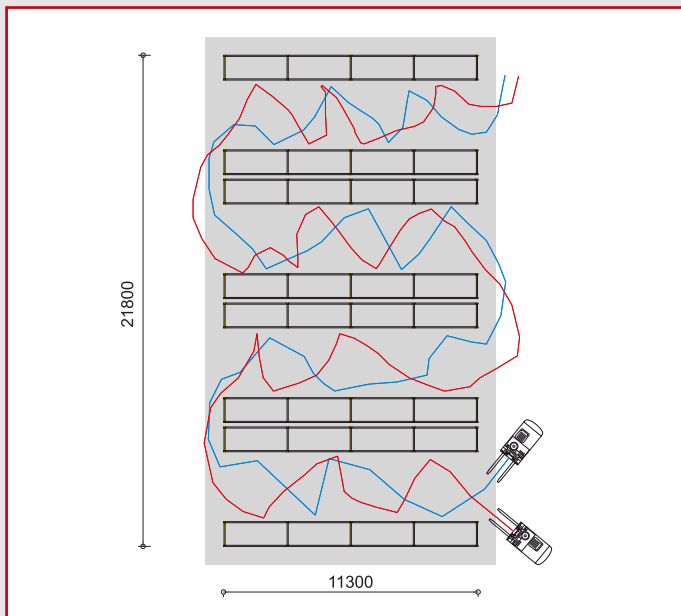
Therefore customized solutions are required which often complete the whole concept by a clever combination of the shelving systems.

META flow rack systems proved their value where flexibility, performance and profitability is necessary.

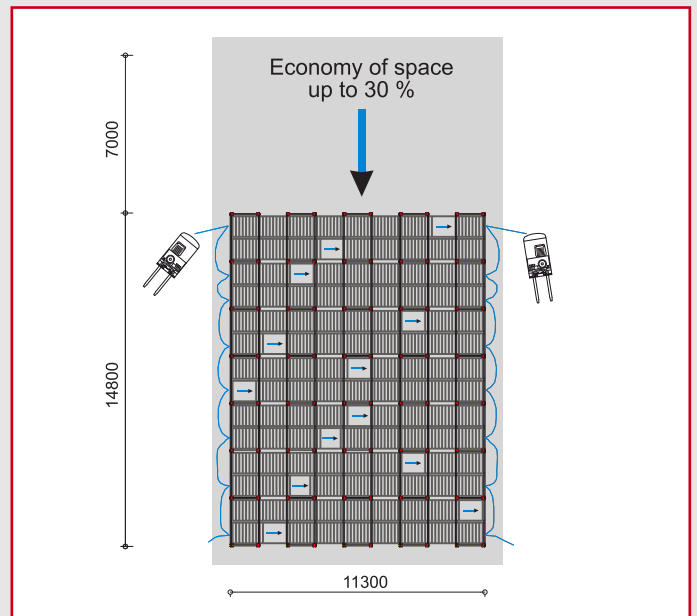
The frequency of use compared to conventional rack systems is at approx. 60% and the economy of space is up to 30%.



META MULTILINE® S Flow rack



Driveway in a conventional pallet rack



Driveway in a META MULTILINE® S Flow rack



Integrated conveyor technique and steel construction with META MULTILINE® S flow racks

Use it and have a better material flow



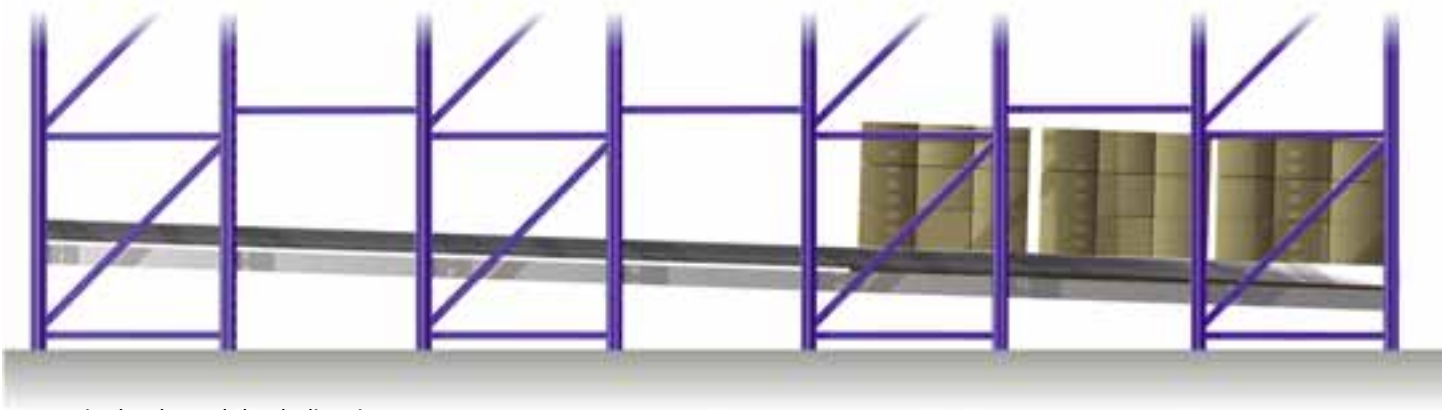
Charging device at the feeding side

Essential advantages of the META MULTILINE® flow racks

- Higher storage capacity
- Increase of the transshipping performance
- Self-conveyance of goods
- Higher access possibility
- Reduction of transit times and working hours and thus cost savings
- Separate loading and unloading paths
- Improvement of the work flow
- Supporting rack construction from the proven META MULTIPAL® system



Bottom outlet divided into three parts



Frames in the channel depth direction

META MULTILINE® S Flow rack

Whether you use META MULTILINE® S as flow rack according to the **FIFO principle** (First In First Out) or as push back rack according to the **LIFO principle** (Last In First Out), the pallets are always at hand.

Two service passages are maximum required and the storage room is reduced by 30% of the room, which is necessary for a conventional pallet system.

The higher transshipping rate by shorter distances in the warehouse, the simple allocation of the stored goods to their storing position, a clear view and the compact storage form turn it into an unbeatable system which will pay for itself shortly.

META flow racks are modular systems. Dependent on the stored goods, they consist of a frame construction as well as roller tracks for

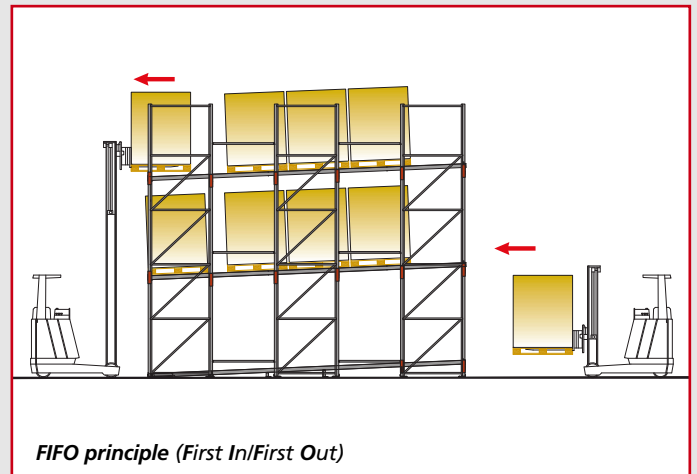
the individual channels. These are slightly inclined towards the unloading end so that the items can be moved without any drive only by force of gravity.

META MULTILINE® S Flow rack

FIFO principle (First In First Out):

New goods are stored on the loading end, are running independently to the unloading end where they can be taken.

- No deterioration of articles, because the goods stored first are taken first
- The separated loading and unloading paths guarantee a trouble-free working and reduce accidents
- The omission of needless rack ways creates new space
- Time saving by self-conveyance of the goods, shorter transit times and fewer disturbances
- Ideal for production runs, batch tracing and observance of dates of expiry



Goods distribution centre food with picking tunnel



META MULTILINE® S push back rack



THE META-Push back rack is a type of the flow rack. It operates according to the **LIFO principle** (Last In First Out).

The stored goods are loaded and unloaded at one end only. Due to the incline, when a pallet is taken, the remaining items move to the loading or unloading end automatically.

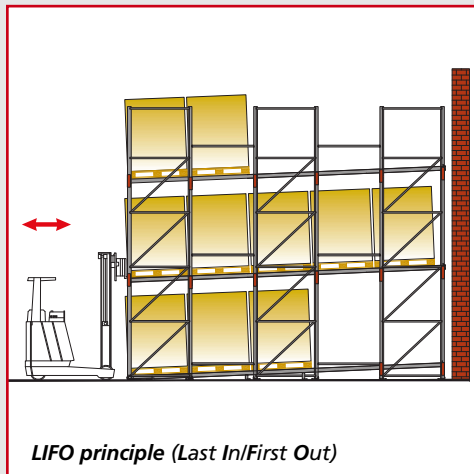


Channel view

META MULTILINE® S Push back rack

LIFO principle (Last In First Out):
The goods are loaded and unloaded at the same end, so that an immediate access is possible.

- Only one forklift passage is necessary, thus maximum use of space
- Quick access to the goods
- Time saving by self-transport of the goods, shorter transit times and less disturbances
- Ideal for goods without expiry date



Bottom outlet divided into three parts



Loading- and ...



... unloading situation



Safety via cross-beam

META MULTILINE® L Flow rack picking system

Use the META flow racks also for bulk goods!

In META MULTILINE® L racks your goods are compactly stocked in transport containers. They flow automatically into the picking area and can be taken from here ergonomically.

META MULTILINE® L is available in different types – from the separate, freestanding system to the combina-

tion with pallet racks, multi-floor shelving systems and automatic small parts stocks.

Each rack level can be equipped additionally with a computer-based picking system.

We offer solutions according to your specific requirements and problems. With only some steps, the META MULTILINE® L can be extended and rebuilt.

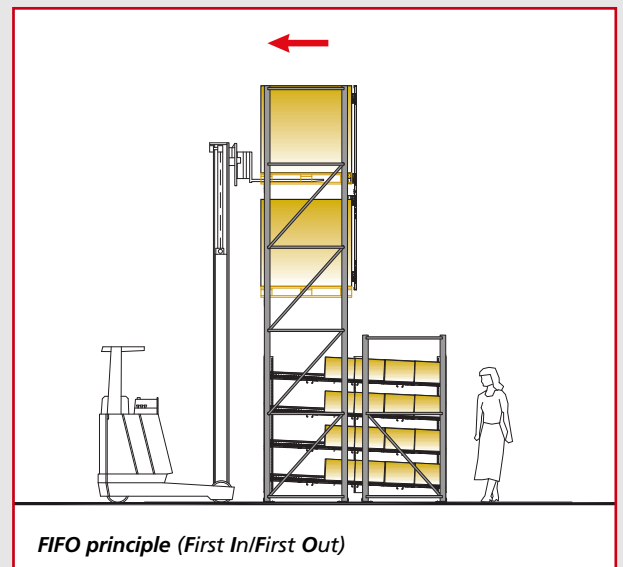
These racks are used in the food wholesale business as well as in the pharmaceutical and health trade area, in the mail order trade, in the automobile industry and in many other branches.

META MULTILINE® L Flow rack picking systems

FIFO principle (First In First Out):

New goods are stored at the loading end, running independently to the unloading end where they can be taken.

- High rack-density which requires little space, economy of space up to 30%
- Quick access to the goods
- Ergonomic organization of the working area
- Separate loading- and unloading paths
- Time saving by self-conveyance of the goods, shorter transit times and fewer disturbances
- No deterioration of the articles
- Adaptable to all new goods at any time without any problems



Channel with front rail and rack position labeling



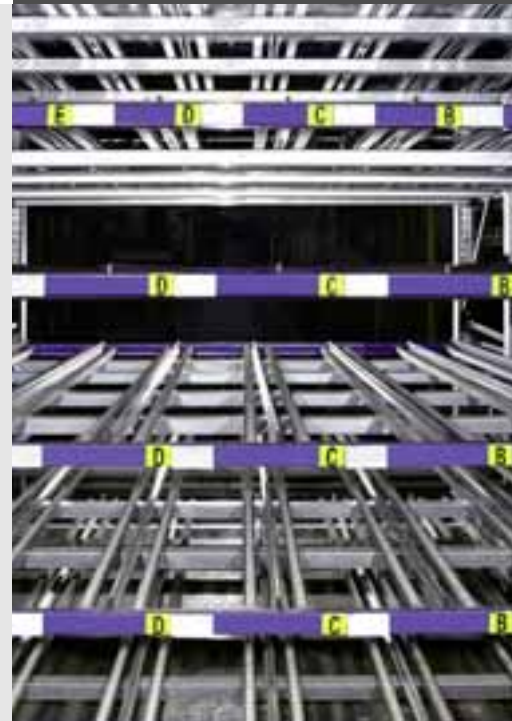
META MULTILINE® L Case studies



Loading situation



Unloading situation via Wave service device



Pick up levels



Individual setting of reels and bars

META – always there for you ...



Planning ...

META has long experience in planning and realizing rack systems - this know-how is now your advantage as customer.



Realization ...

Once you have decided to use a META flow rack, an experienced assembly team around the project manager realizes your planned system on short notice.

Service, maintenance & after-sale support

META flow racks can be combined with other META racks. They can be rebuilt and extended quickly - they grow according to your requirements and last.

META offers you regular rack inspections. The function and safety of your system is checked by trained qualified personnel.

According to your requirements we make a concept. On request we then offer a profitability analysis, a concrete planning and an economically elaborated project.



... Design, planning and assembly – all from one source!

Enquirer address: