

FC Handling System

Technical information



The KVM FC handling system is developed for optimum capacity, flexibility and high product quality. The FC handling system is the most versatile solution for the handling process offered by KVM.

The FC system is based on a fully automatic car with high quality wheels, this, combined with heavy rails and a variable drive system, gives a very gentle handling of the products.

The system can be delivered with covered or insulated racks with roller doors, enabling you to obtain the optimum curing environment for the products. This gives more strength, less consumption of cement and reduced curing time.

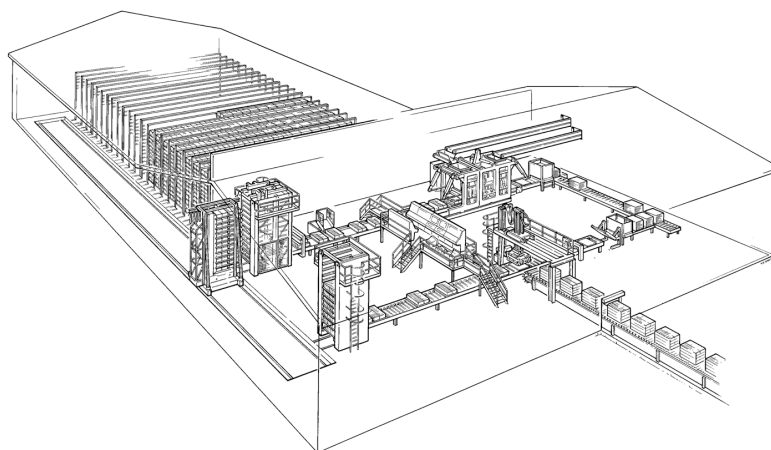
The FC system has the following characteristics:

- Elevators with heavy chains and guides to provide a stable and gentle handling of the products and can be delivered for single, double or triple pallet operation
- Active or passive buffers increasing the flexibility and performance

- Fingercar and transercar are manufactured in a heavy steel construction to obtain high stability and durability
- Variable speed drives provides complete control of the speed, acceleration and deceleration
- Precise and reliable positioning by means of laser technology
- Possibilities for adapting into existing buildings and thus optimal utilization of these
- A great number of product variations using all or every other shelf in the rack system with displaceable fingers
- Great flexibility between operation on the green and dry sides due to excellent accumulating and buffering and storage possibilities for empty pallets
- Manual or automatic product control systems are available
- Safety system for optimum safety for personnel
- The control system is based on PLC/PC technology
- Advanced rack storage control system for curing time optimisation
- An Internet connection enables remote service from KVM service center 24 hours 7 days a week

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Specifications and auxiliary equipment



Specification for all KVM fingercar handling systems

Type:	From 10.000	to	20.000
Pallet dimension (mm)	From 750 x 900	to	1300 x 1450
Load (kg)	From 10.000	to	20.000
Total height (mm)	From 4000	to	9000
Weight fingercar (kg)	From 8000	to	14.000



Auxiliary equipment:

- Fingercar incl. turning arrangement
- Displaceable forks
- Active or passive buffer arrangement at elevator
- Pallet accumulation
- Covering of racks with roller doors at the ends
- Racks as stand alone - hot box unit -
- Curing controlled environment for the racks
- Automatic stock for empty pallets