

Moderniek carrierbuffer

Shock freeze buffer system



Concept:

1. Transport of products(boxes/crates) with accumulating conveyors to the shockfreezer.
2. In the shockfreezer the products are loaded on a carrier.
3. The carrier is charged into a multi layer rack. Simultaneous another carrier at the other end of the multi layer rack is discharged. (FIFO principle)
4. The products on the discharge carrier are unloaded on a transportsystem. Products are transported out of the shockfreezer.
5. Palletising, endpacking and palletbuffer.

General:

- Shockfreezer -45 °C
- Proven technology
- Optimal use of shockfreezer space
- Freezing products directly
- Automatic in and outfeed of products
- Storage capacity is flexible
- Turn key delivery

1. Transport system



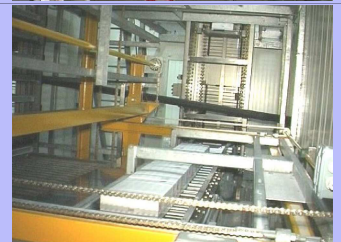
2. Loading carrier



3. (dis)Charge carrier



4. Unloading carrier



Carrierbuffer example performance:

- 20 Ton meat/hour
- 80 Ton meat storage
- 400 Carriers, each with 10x (60x40 cm) boxes or crates
- 24 carrier levels and 1 return level
- 16 carriers per level