

Kosan Crisplant's palletizing systems are designed for safe and efficient handling of all kinds of pallets as well as for automatic loading and unloading of LPG cylinders.

- High safety and optimal logistics at the filling plant
- Minimum time consumption for loading and unloading of trucks
- Fully automatic plant
- Minimum need of manpower
- High capacity – up to 2,400 cylinders per hour
- Careful transportation of cylinders between filling plant, storage and customer
- Flexible design for handling of many pallet types



Easy and safe handling of gas cylinders in pallets



Linear palletizer

Bottom left: Pallet stacker/destacker on linear palletizer

Bottom right: Fully automatic bar lifter on linear palletizer

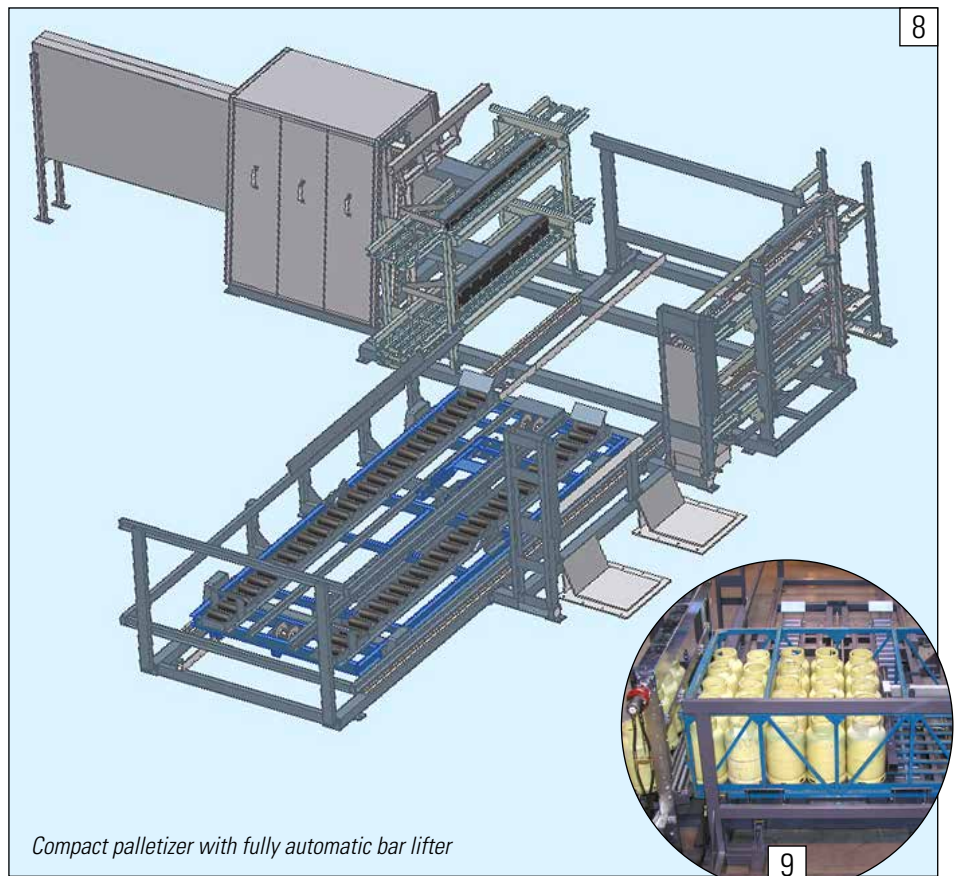


Your benefits

- High safety as only internal vehicles operate near by the filling plant, and only few external people has access to the plant
- Optimal logistics as, to a large extent, external and internal vehicles operate in separate areas
- Possibility of expansion thanks to flexible and modular design
- Just few cylinder repairs necessary as cylinders are protected in pallets during transport
- Just few industrial injuries as there are no manual cylinder lifts

Your possibilities

- Two basic palletizers: Compact Palletizer and Linear Palletizer
- Both plant types can be connected to all types of chain conveyors
- Both plant types can be supplied with fully automatic bar lifter
- The Compact Palletizer is available in one or two storeys and with a capacity of up to 2,400 cylinders per hour
- The Linear Palletizer is available in one storey and with a capacity of up to 1,800 cylinders per hour
- The Linear Palletizer has modular design so that the internal buffer storage can be varied
- The Linear Palletizer can be supplied with a pallet stacker/destacker in order to minimize the fork-lift truck operations and/or to reduce the number of fork-lift trucks
- Manual or semi-automatic palletizers for low capacity filling plants



Compact palletizer with fully automatic bar lifter

Your safety

- Ex marking according to the ATEX Directive and applicable EN standards: **CE** **Ex** II 2G Ex h IIB T3 Gb
- All palletizing systems are intended for operation in hazardous areas classified as Zone 1 or Zone 2 according to EN/IEC 60079-10-1
- All palletizing systems are designed and validated in accordance with a certified ISO:9001 quality management system; furthermore, they are designed according to all relevant requirements set out in applicable EU Directives



Easy and safe transport of gas cylinders in pallets