

Innopack



Sorting Technology,
Returnable Packaging
Applications

Sorting –

Bottle and crate sorting



Examples of applications and project planning based on a modularly designed machine structure



Sorting –

Bottle and crate sorting



Crate inspection

Bottle check

Economical 100% inspection

High machine availability and reliability

Immediate rejection of non-processible products

Reduction of labor costs

Direct link to automation

Data exchange with production

Statistics to production data acquisition system

Table of performance based on the requirements profile

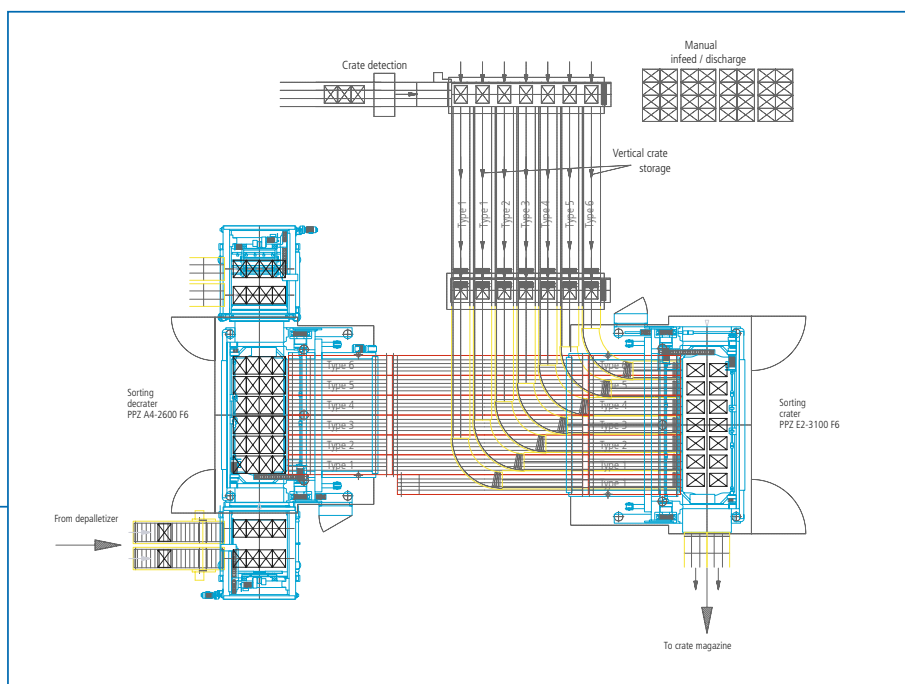
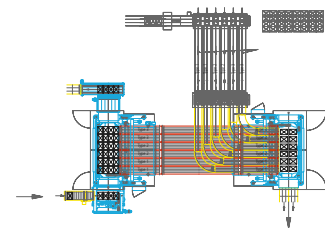
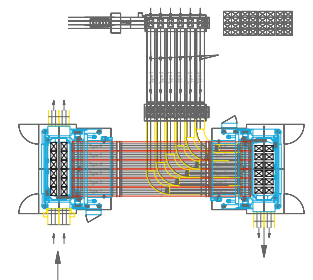
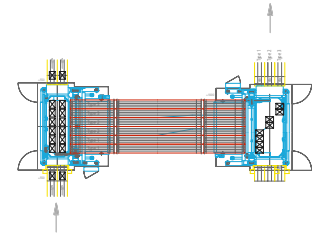
Bottle type	Decrater capacity	Crater capacity	Sorting capacity, main type
	Crates/h min/max	Crates/h min/max	Crates/h min/max
3	2,000	2,000	2,000
	3,600	3,600	3,000
4	2,000	2,000	2,000
	2,700	2,700	2,250
5	2,000	2,000	2,000
	2,700	2,700	2,250
6	1,000	1,000	750
	1,800	1,800	1,500
8	1,000	1,000	750
	1,350	1,350	1,350
10	1,000	1,000	750
	1,350	1,350	750

Compact clearly arranged modular design system.
Saves space and offers you high performance within a small footprint.

Sorted decrating is possible by installing electronic container detection facilities upstream.
Enables you to directly sort mixed empties out of packs; saves machine capacity, manpower, and sorting time.

Two-column packing and unpacking robot for the high-performance range.
The "ultimate" solution to all of your sorting tasks.

Consistent use of robotics and bus technology.
Exact adherence to programmed packing positions. High machine efficiency through fully developed engineering.

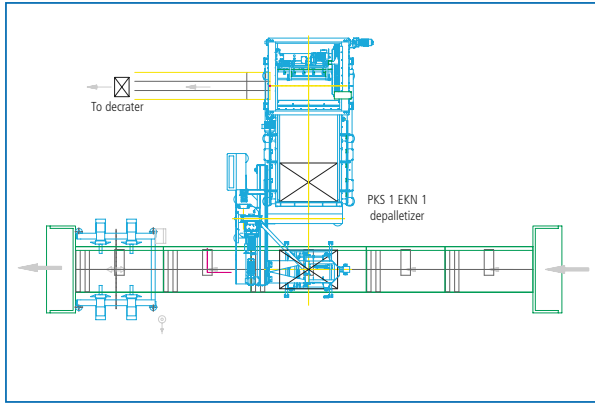


Application examples

Sorting

Bottle and crate sorting

System components



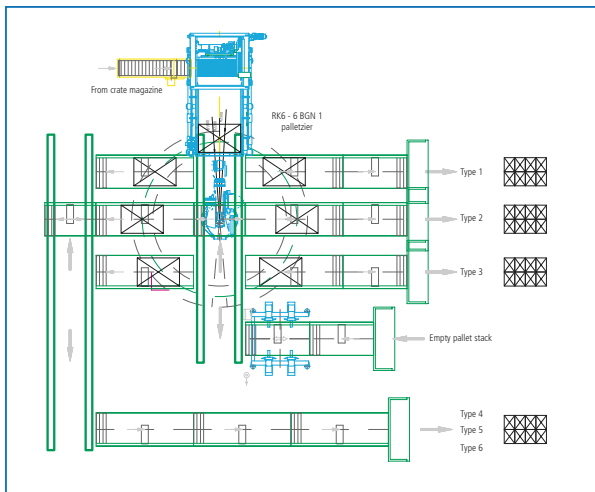
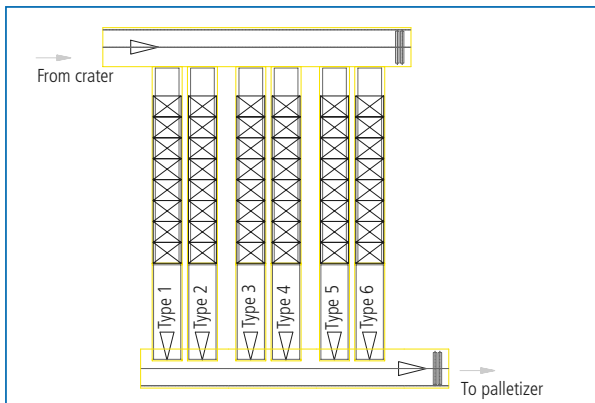
Modular line components

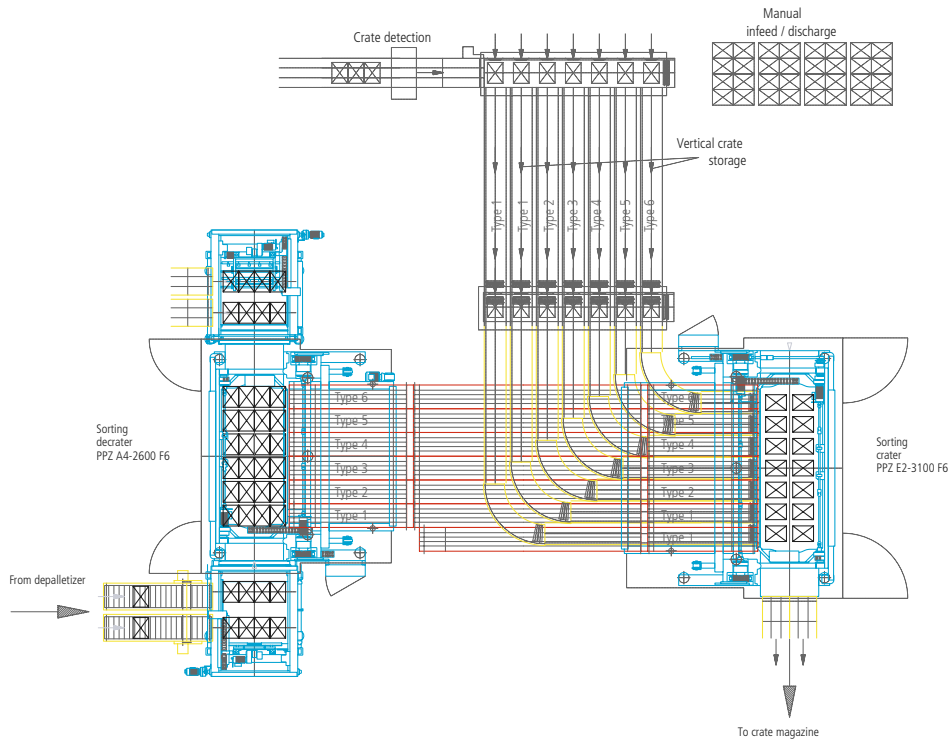
Production crates, non-production crates, and foreign crates are palletized separately or sent to production.

Production crates are depalletized and fed to the line to replenish insufficient stock.

Processing range:

Crating and decrating glass and plastic bottles in and out of plastic crates.





Straight two-lane or right-angle, one- or two-lane crate infeed.

Gives you greater project planning flexibility.

Lengthwise or crosswise crate infeed.

Individually controlled bottle grippers.

The packing heads are attached with quick-action fasteners.

This means faster change part replacement and high machine availability.

Optional capabilities are available for changing complete packing heads automatically.

This saves you time, manpower, and work effort.



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