

## SWISSLOG INDUSTRY SOLUTION

### CaddyPick®



CaddyPick® is a semi-automated case order-picking system typically applied in the retail industry.

Swisslog's CaddyPick solution is based on two modules:

1. Replenishment & warehouse module
2. Picking module

CaddyPick® is a mixture between a man-to-good and a zone-to-zone picking solution with monorail carriers - the caddy - transporting the order unit (pallet or roll cage). The caddy moves through the picking aisles automatically. A screen shows the picking orderlines with highlighted picking locations. The weighing system on each caddy ensures high reliability picking. It checks whether the weight of the picked goods correspond to the weight of the ordered goods on the screen. The order is acknowledged automatically. The caddy is also capable of storing empty pallets and packing material. Automated stations remove the waste materials before the CaddyPick® moves to the next order. Full pallet orders are automatically transported to the dispatch area.

### Benefits

The CaddyPick® has the following benefits compared to more manual solutions:

- > Streamlined and more efficient processes due to automated hauling, putaway and replenishment function
- > Significant improvement of order filler performance due to automating the order start and order finish functions
- > Team approach to the picking function increases system performance additionally
- > Error-free picking through weight monitoring and easy pick dialogues on the pick displays
- > Quiet working environment in a palletjack-free working environment

### CaddyPick® Facts

	Typical Data	Unit
SKU range	1 500 - 7 000	SKU
Picked cases per day	40 000 - 300 000	case/day
Number of pallets or roll-cages per day	1 000 - 3 000	pallet/roll-cage/day
Number of pick floor levels	1 - 3	level
Pick face types per system	1 - 3	type

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## MODULE 1 REPLENISHMENT & WAREHOUSE

The pick aisles integrated in the automated buffer storage can have single or multiple pick aisle floor levels depending on required pick faces and possible replenishment capacity per crane. The buffer locations, typically located above

the pick aisles, can be single, double, triple or deeper (satellite car equipped stacker cranes) for optimal building utilization and stacker crane throughput. Several pick face options are available to reduce the building footprint:

- > 1-tier / tall loads
- > 2-tier h/ half high loads
- > 3-tier and 4-tier layer with Swisslog's split-tray system



## MODULE 2 PICKING

The picking module consists of the caddy, the rail system and the loading and unloading stations.

The order picker can work on one or multiple orders in parallel.



## Automated trash handling and pallet unloading station

Concern for the environment is a daily issue. The waste handling of the CaddyPick® is taken care of automatically. Before the caddy continues with its next order, it travels to the automatic waste handling station. The waste is sorted into plastic and cardboard and pressed into bales, which are then sold to a waste incineration company.

Swisslog customers such as dm-drogerie markt Germany, Denner Switzerland and large retailers in North America have all chosen the CaddyPick® as their preferred solution.