

Autonomous handling Tray Handling System Smart



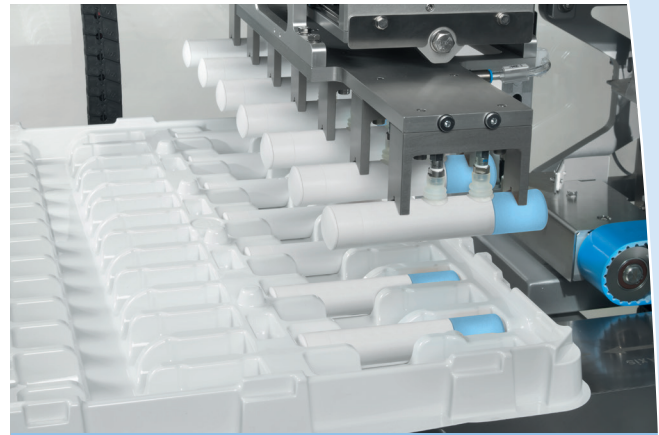
Continuous supply of up to 250 components/minute

The compact handling system TS Smart is used for the automated loading and unloading of components from or into trays. Servo-driven portal axes ensure precise transport from the tray into the transport system. Since the filled trays can be inserted in stacks, the TS Smart provides high autonomy which can even be increased by integrating additional stacking positions. The standard TS Smart has three positions to accommodate tray stacks. Due to a special buffer system, it can be operated in continuous motion. Thanks to its four-side guidance, the TS Smart can also handle very sensitive products. Linked with an assembly machine, the system is suited for the medium- and high- performance sector.

Reliable handling for medium and high volume manufacturing

Thanks to fully automatic processes, the TS Smart can be operated in continuous motion. High variability with a small footprint and high loading capacity - **ALL YOU NEED** for your component feeding tasks.

- Fully automatic system for component infeed and outfeed
- Servo-driven, precise handling using portal axes; combined in a robot-controlled system for efficient and energy-saving pick & place
- High autonomy by feeding trays in stacks (stack height: max. 600 mm)
- Automated stacking of filled trays and de-stacking of emptied trays
- Optional elevator for ergonomic loading and unloading
- Integrated control cabinet or stand-alone control cabinet available as required
- Qualified, GMP-compliant and compact design
- Efficient footprint with high output density and low power and air consumption

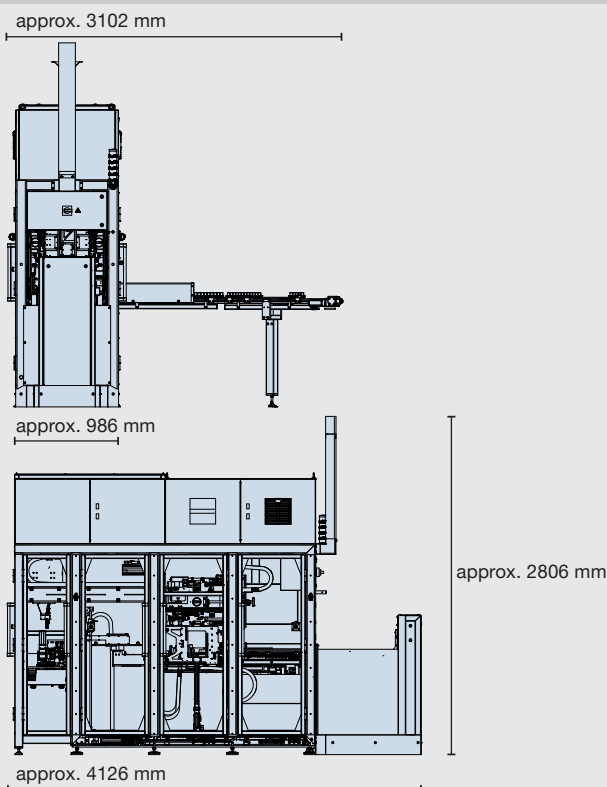


Precise handling by means of a servo-driven portal axis



Additional stacking positions can be integrated for increased autonomy

Dimensions



Technical Data

- Output:** Up to 250 products/min (depending on device component)
- Applications:** Assembly of inhalers, injection pens, autoinjectors, wearables, safety devices and many more
- Industries:** Pharmaceutical and medical industry