



Performance
through
Understanding



BLOWING

SIDEL EASYFEED™ PREFORM FEEDER

Safe and easy operations for maximum production uptime

Sidel EasyFEED™ is an innovative, compact and safe ground-level preform feeder for PET production lines. Based on the Sidel Matrix™ standard architecture,

it features a modular approach to preform feeder design and significantly reduces the footprint and the height for preform infeed.

OVERVIEW

This patented technology ensures:

- Operators' safety
- Easier operations
- Optimal production efficiency
- Product quality

APPLICATION

EasyFEED is suitable for new or existing blowers

- It is compatible with all new Sidel SBO Matrix blowers, Combi and SuperCombi solutions.
- It will be also available as an Option & Upgrade for the existing Sidel blowers installed in customer' plants including SBO Universal and SBO Matrix blower ranges.





Easy access for simpler operations | Gentle preforms handling

Safe and easy to operate

The quick and easy access of EasyFEED makes control, changeovers and maintenance operations much simpler:

- Ground-level installation for improved visibility, accessibility, intervention and operation safety
- Easy implementation in the workshop, irrespective of space constraints: reduction of footprint up to 62% and reduction of height up to 56% compared to traditional preform infeed systems
- The Human Machine Interface (HMI) ensures truly intuitive navigation with quick setting points and immediate response time

Preform integrity

Gentle preform handling from hopper to oven is essential for the customer's final bottle quality:

- Shortened preform path (up to 27% less) results in fewer damaged preforms
- The preforms are fully protected from dust all along their path to ensure hygienic production
- Very low preform fall and limited recycling loop for increased preform integrity
- Once vertically positioned, the preforms are supported by the neck flange
- Smooth contact of motorised brushes on preforms

Maximum uptime and flexibility

The unique EasyFEED is optimal for high output speeds from 30,000 to 82,000 bottles per hour, yet fits a wide range of production specifications in terms of preform design and layout:

- Above 99% production efficiency
- Very fast changeovers in less than 15 minutes
- Minimum maintenance and fewer skills required
- Fast and efficient ramp-up after changeovers and maintenance
- Custom-fit to production site into clockwise or inclined layout

Patented technology without rollers

EasyFEED is a patented technology that requires no rollers:

- Preforms are lifted by an elevator column to a height of only 2.5 meters
- Preforms are sorted and vertically driven into the bowl of a rotary unscrambler, transferred by their neck along the path
- Instead of traditional gravimetric infeed rails, preforms are moved onto a rail by a filtered airflow and driven by two motorised, food-grade brush belts up to the infeed blowing wheel

