

Airspeed 43



The Airspeed 43 is a single lane towel folder which is easily programmable on site, enabling mixed size pieces to be French folded, crossfolded, graded by length* and stacked. All controls are located in the fascia panel which is mounted above the feed conveyor. After being hand-fed, pieces are automatically measured for width and the machine adjusts to perform the perfect French fold. The piece is then conveyed to the crossfold section at which time Autograding* takes place and up to two crossfolds added.

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The Autograde* piece is stacked onto one of three stack conveyors*, depending on its folded size after the crossfolding process. The operator programs the number of pieces per completed stack with each stack conveyor discharging independently onto a common conveyor mounted to the side of the Airspeed 43. The side (handing) to which the common conveyor is mounted is factory set (to be confirmed at time of order) but can be easily changed on site. This conveyor can return the completed stacks back to the operator, or to the rear of the Airspeed 43 (to be confirmed at time of order) for manual discharge or may be linked to an automated handling system. All stack conveyors can be cleared down in preparation for a new batch of towels by simply pressing the stack conveyor discharge button mounted on the fascia panel.

*Available with Autograde machines only

A Non-Autograde (single stack conveyor) machine is also available.

Method of Folding

The French (thirthing) fold is made in the piece using air movers with each side of the piece being folded over a straight edge (fold ski) for crisp accurate folding. The width of the fold is adjusted automatically. High-speed air jets complete the first crossfold with the second crossfold being performed with a blade.

Optional Extras:

- **Extended Length Fold Range option** - Increased machine capacity to allow processing of items up to 2400mm (94") long x 1200mm (47") wide.
- **Special Spares** - Range of dedicated spares for the Airspeed 43.

Installation

The Airspeed 43 is self-contained and freestanding. It can be located at the most convenient point in the production line and simply connected to the electricity and compressed air services.

Capacity

Maximum Piece size (See optional extras)	1800mm (71") long x 1200mm (47") wide
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Minimum foldable width	450mm (18") approx
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Minimum foldable length	250mm (10") approx
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Standard Features

- PLC control
- User-friendly display
- Sixteen programs that can be quickly installed and easy to call up and use
- Interactive diagnostics
- Production and totalising counters
- Multi-level security access for operators, supervisors and maintenance personnel
- Article reject through the machine
- Adjustable nose height
- Touch & Hold feature to inhibit width measurement and increase throughput on similar width pieces

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