

OBIFOLD SUPER-U

*IDEAL FOLDER FOR A MIXED
PRODUCTION WITH ALL KINDS OF
TOWELS AND LIGHT GARMENTS*



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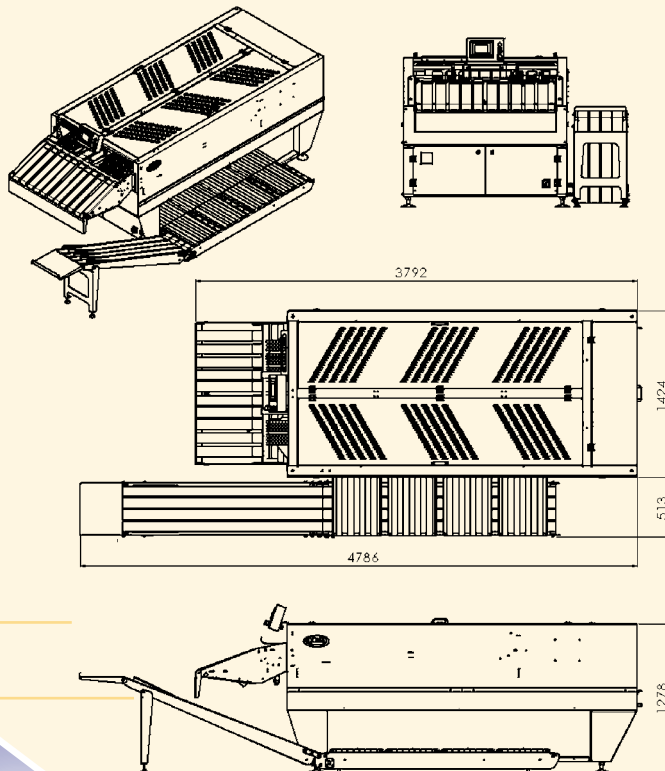
The OBIFOLD super-U folder is a multifunctional towel and garment folder, which is most suited for a mixture of classifications e.g all kinds of terry towels, bath towels, small (face) towels, fitted sheets and garments (including underwear). Due to belt adjustment system, the transportation belts in the primary fold can be moved towards the centre of the machine allowing very small items like face towels and all kind of different underwear to be folded.

The OBIFOLD super is particularly suitable for a French primary/longitudinal fold (thirthing), however a single primary midfold is also possible.

The pieces keep moving during the primary fold. Only when consecutive pieces differ in size will it briefly pause to recalculate the fold, which makes it faster than comparable folders with mechanical folding blades. The primary fold is carried out by two patented air chambers, which guarantee a high quality fold.

The OBIFOLD super-U executes up to two crossfolds, which are made by airblast in combination with reversing belts.

Each folding program can process four different pieces. Each piece is graded by length or width and is folded and stacked accordingly, eliminating the need for pre-sorting. The OBIFOLD super-U can have two, three or four stacker stations and is supplied with a central conveyor belt for discharging the stacks to the operator, or to the rear of the machine.



Machine specifications:

- French primary fold or midfold. Crossfolds can give an end-size of $\frac{1}{2}$, $\frac{1}{3}$ or $\frac{1}{4}$ of the original length.
- High production capacity and folding quality due to patented air chambers.
- Belt adjustment system to fold small pieces like face towels and underwear.
- Able to handle a wide range of pieces without pre-sorting.
- Sorting based on piece length and piece width.
- Automatic sorting in four categories and with 2, 3 or 4 stacker stations.
- Pieces are flattened in crossfold sections, which secure tight folded pieces and makes lifting stackers superfluous.
- Feeding table has its own driver with photocell and push-button, which makes feeding on non running belts possible and prevents overloading.
- Automatic stops for folding difficult pieces like fitted sheets.
- Frontplate underneath the intake conveyor for smooth intake of pieces.
- Very operator friendly control panel with colour touchscreen.
- Piece rejection button.
- PLC control system.
- System diagnosis for easy problem solving.
- Flexible central conveyor belt configuration.

Technical specifications:

- Piece length: max. 1800 x 1200 mm (71" x 47").
- Power supply: 3 x 380 V + 0 + earth, 50 Hz (other power supplies on request).
- Power consumption: 1,6 kWh.
- Air consumption: 20 Nm³/1000 pieces.
- Air pressure: 7 bar.

Options:

- Third stacker station.
- Fourth stacker station.
- Wider stacker stations (610mm instead of 440mm)
- System and counter data exchange with PC.
- Display with clamb for instructions.
- Alternative power supply or 60Hz.
- Machine could be customized upon request.



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