



FlexFeed LP1/300-400



The FlexFeed LP1 is a highly versatile flatwork feeder, able to feed both small and large pieces of flatwork; sheets, duvets, tablecloths, napkins, pillow-slips - it's perfect for them all.

The servo controlled spreader clamps, high-speed infeed roller and spreader-brushes enable swift, smooth spreading and alignment, which combined with a high-powered suction arrangement on the feed-nose, produces a crisp, high-quality feed for large pieces. Manually fed smaller pieces also benefit from the vacuum-assistance on the feed nose, improving both quality and productivity.

Like all other Foltex machines, the FlexFeed LP1 distinguishes itself from its contemporaries by its simple, rigid design that offers high-level reliability with low-maintenance costs.

The FlexFeed LP1 is available in various working widths and also available with 2 feeding stations (FlexFeedLP2).



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It is possible to operate the FlexFeed LP1 in 4 different ways:

1. Single operator in the centre of the feeder. Operator puts the corners of the piece directly in the spreader clamps. The spreader clamps return to the operator after its spreading cycle.
2. Two operators, one on the left side, the other on the right side. The spreader clamps first go to the left operator, while the right operator prepares the piece, after its spreading cycle the spreader clamps go to the right operator while the left operator is preparing the next piece.
3. By 3 operators, one on the left side, one of the right side and one is preparing the items. One spreader clamp is positioned on the left side, the other on the right side. As pieces are already prepared, both operators take a corner and puts it their spreader clamp. As the spreader clamps are in a wide position they only have spread shortly offering high production rates.
4. By 4 operators for manual feeding of small pieces like napkins, pillow cases etc directly onto the vacuum table. In this mode the spreader clamps are directed towards the rear position.



Each spreader clamp is controlled by a servo motor for maximum productivity and accuracy. Also the horizontal movement is servo-controlled.

For (round) table cloth, the FlexFeed LP1 is able to make an additional stop during feeding for quality control/correction.

The LP1 / LP2 have an integral vacuum box producing a highly efficient shake out performance. Two high power and frequency controlled vacuum fans provide the vacuum power in the box. Each side is provided with a central dust collector with filter for quick and simple dust removal.



TECHNICAL SPECIFICATIONS

Number of feeding stations: 1 or 2
Working width: 3000, 3300, 3500, 4000mm
Number of lanes: 1 or 2
Air pressure: 4 bar
Air consumption: <1m³/hr
Power supply: 3 x 380 – 415V, 50/60Hz, 3 ph
3 x 208 – 240V, 50/60Hz, 3 ph
3 x 480V, 60Hz, 3ph
Power consumption: 6.6 kWh



Beside the vacuum box, there are also a high spinning in-feed roller, stretch knife and spreader brushes, all contributing to a smooth shake out and spreading performance.

After the spreading movement the piece is put on the conveyor belts. A separate high performance vacuum arrangement provides powerful suction on the feed-belts for high-quality and performance.

The FlexFeed LP1 / LP2 is controlled by a colour touchscreen. The operator friendly menu makes the FlexFeed LP1 / LP2 the most simple, high performance feeder in the market.



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