FlexFold AT180_slim

The FlexFold AT180_slim folding machine is the perfect solution for folding and stacking small pieces. It is principally designed for the Care Home, Residential Hospital market and is used for French-folding and stacking towels, T-shirts, pyjamas, underwear and other garments. It's narrow, compact design means that it can be utilized in limited spaces where a conventional folding machine would be too large.

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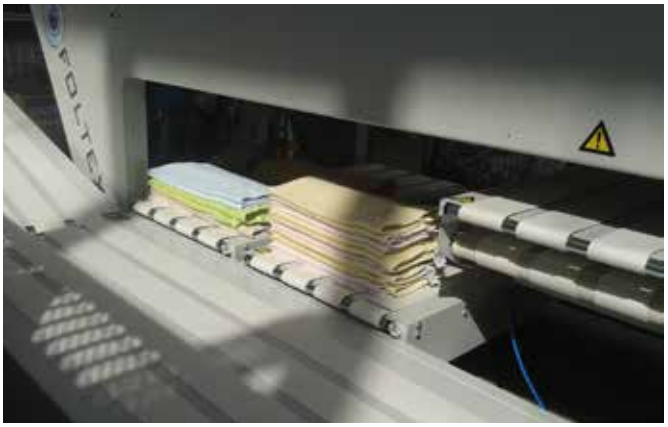
HOW DOES IT WORK?

The FlexFold AT180_ slim is able to sort into four different categories by length and width with folded items stacked on up to three stacking stations. In order to improve quality for the lighter items, such as underwear, the FlexFold AT180_slim can be supplied with a lifting stacking station.

The FlexFold AT180_ slim is able to fold pieces up to 180 x 90 cm and is made according to the Foltex philosophy: Strong, rigid, simple design.
The FlexFold AT180_slim makes "French" longitudinal folds by means of position controlled folding templates. At the entrance of the longitudinal fold section the length and width is measured



and the folding templates are adjusted. The measuring capability is such that not only can it determine between different categories, but also different sized pieces of the same category. After the longitudinal fold section, the piece enters the cross fold section. Up to 2 cross folds can be made, offering all kinds of folding patterns required nowadays. In order to secure stable and high quality folds, both cross folds are made by air assisted reversing belts. Tight folds are created as pieces are continuously kept between elasticated belts, which have the additional benefit of consistent folding for both thin and thick items.

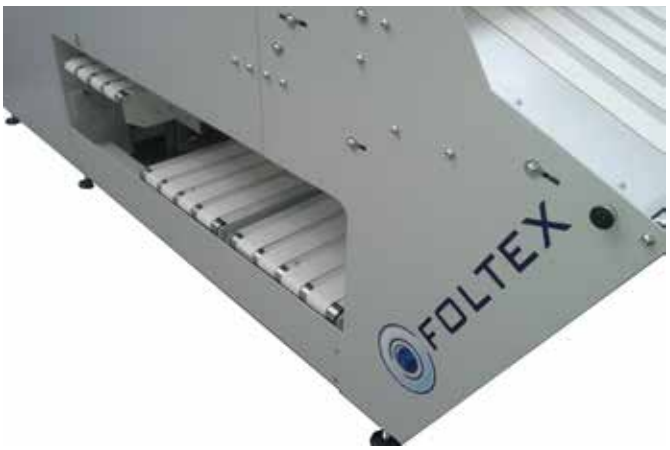
The stacks with folded pieces can be discharged either at the rear of the machine (rear in-line exit) or by means of a final inclined conveyor-belt mounted on the left or right side.

The FlexFold AT180_slim has a PLC based control system and colour touchscreen. Creating or changing a folding program is very simple, due to operator-friendly layout and simple menu settings.
A Systems Diagnostics function greatly simplifies problem / fault rectification.

TECHNICAL SPECIFICATIONS

Maximum piece length:	180cm / 70"
Maximum piece width:	90cm / 35"
Electrical consumption:	1.5 kWh
Power supply:	3 x 380/415V, 50/60Hz
	3 x 208/240V, 50/60Hz
Air consumption:	15 m^3/hr
Air pressure:	6 bar

Machine dimensions (without incline belt):
319 x 106 x 139 cm (lxwxh) - 126"x41"x54" (lxwxh)
Machine weight: 1200 kg



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