

SEMI-AUTOMATIC FOLDER VARIOFOLD 85 M (manual)

FULLY-AUTOMATIC FOLDER VARIOFOLD 85 A (using automatic hangers)



As part of the Vario system technology the Fintec folding technology offers the greatest possible amount of variability together with the option of the fully automatic folding of garments: The high-performance VarioFold F 85 M and A automatic folders fold lab coats, jackets, operating theatre gowns, trousers, nightgowns, etc., of various types and styles to be folded and prepared for transport at the end of a logical and economic finishing process in top quality.



Thanks to careful separation of the individual folding operations this allows hourly rates of up to 900 items to be reached (depending on the type of garment) and with consistently high folding quality.

The crucial Fintec detail for variability: goods runs can be done either manually or automatically. Subsequent changing over from manual operation to fully automatic hanger feeding is possible at any time so that the manual or automatic function can be selected as required.



Option:

Second stacking line with stacker and sorting option, e.g. for trousers or lab coats.

Technical configuration:

- Electropneumatic via programmable PLC control combined with dialog display
- All transport drive systems in the machine are powered by frequency-controlled motors
- Program selection via colour touch screen
- Material-specific parameters can be stored individually for each program.
- Trousers program can be selected depending on the feed type for the trousers (waistband on top or bottom)
- Supporting surface with vacuum helps hold pieces
- The folding process is contact-free and fully automated using photo cell sensors, automatic length measurement at every folding station.
- Separate stations for lengthwise and widthwise folding.
- First or second widthwise fold is a reverse fold.
- Lengthwise folds using folding flaps and templates.
- The folded pieces are piled on a standard stacker with a pressing unit.
- Folding pattern and stack can be secured with pressure.
- Quantity- or height-based removal of the completed stack.
- Automatic recognition of pieces, i.e., lab coats or trousers
- Standard delivery includes item counter for trousers or lab coats as well as a counter for hours of operation.
- Automatic compensation for fall distance
- Safety features protect operators (e.g. Emergency Off)
- Minimal maintenance requirements.
- Ready to be connected, including all instruments required to operate the machine.

SEMI-AUTOMATIC FOLDER VARIOFOLD 85 M
FULLY-AUTOMATIC FOLDER VARIOFOLD 85 A
TECHNICAL DATA



Output	Up to 900 garments per hour depending on the type of garment
Folding length	min. 600 mm max. 1800 mm
Folding format	Width appr. 240 mm Length appr. 350 - 450 mm (programmable)
Operation	„touch screen“ display
Number of programmes	up to 20 programmes
Stacking band	1 unit for approx. 4 - 5 stacks. (optionally left or right output) (optionally 2 stacking bands with sorting of coats respect. trousers)
Stacking height	adjustable quantity 1 - 10; max. stacking height = 300 mm
Connected load	compressed air max. 1,6 MPa (16 bar) Compressed air service
Pressure	0,55-0,6 MPa (5,5-6 bar).
Consumption	Compressed air appr. 5 NL/piece
Compressed air connection	R 1/4", incl. shut-off tap, pressure reducer and water trap.
Electrical connection	230/400 V/50 Hz / 16 A. (L1, L2, L3, N, PE)
Electrical connected load	approx. 3 kW
Electrical consumption	approx 1,5 kW/h
Space requirement 85 A	Width 1400 mm plus 1500 mm stacking band Length 4000 mm Height 2780 mm Delivery with guide rolls only Minimum opening B= 1500 mm x H= 3000 mm Minimum opening to bring in dismantled machine: B= 1500 mm x H= 1900 mm
Space requirement 85 M	Width 1400 mm plus 1500 mm stacking band Length 3500 mm Height 1750 mm Delivery with guide rolls only Minimum opening B= 1500 mm x H= 1900 mm
Weight	approx. 1600 kg

