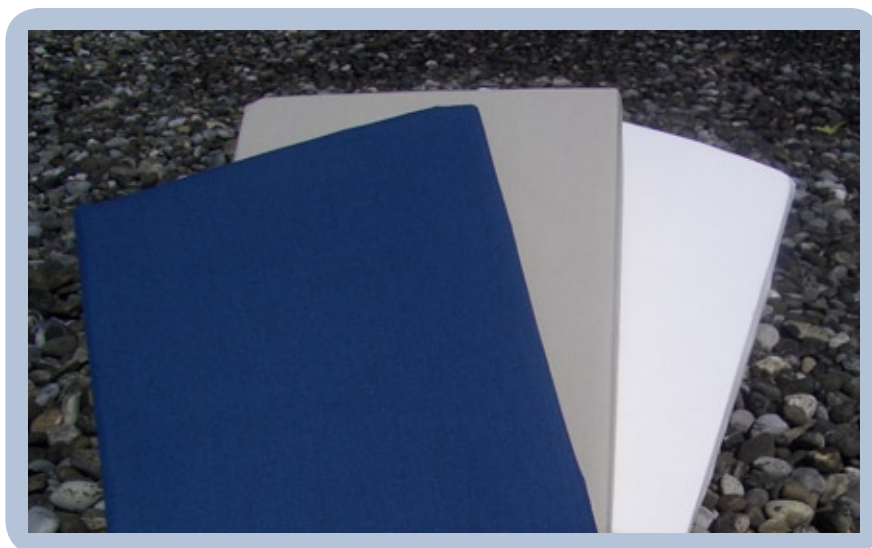


CETUS

Technical Overview

Textile folding machine



Folding machine for the folding and stacking of fitted and flat sheets.

TEXPA

CETUS

Textile folding machine

CETUS

Textile folding machine

Applications

Universal and accurate folding machine for the folding and stacking of fitted sheets, flat sheets and woven non-elastic flat parts. The machine is intended as a free-standing unit and will be manually fed by two persons.

The CETUS processes different materials such as cotton, satin, blended fabric of polyester and cotton, as well as flannel.

The feed hem of the products are hidden as an inside fold.

Capacity

Maximum part width: 3200 mm/125"

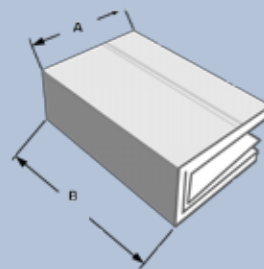
Minimum part width: 800 mm/31"

Maximum part length: 3300 mm/130"

Minimum part length: 1016 mm/40"

Production capacity: up to 600 parts (theoretical production, depending on part sizes, folding type and final folding size)

Final folding size



A = 228 mm/9" to 356 mm/14"

B = 228 mm/9" to 356 mm/14"

Further mass on request.

Control System

Based on a highly modern Beckhoff control system on a personal computer, the control is freely programmable and can store tens of thousands of user programs. The user-friendly and self-explanatory user interface offers online help and error messages in clear text for every component.

Machine supervision with more than one thousand alarm messages prevents incorrect adjustments.

The modular programming permits customer-specific extensions.

Statistical data such as alarms, production figures and system information are stored for one year and can be exported for individual analyses using standard office software.

The optional modem or network access offers fast and uncomplicated online support.

Features

The CETUS is capable of folding any standard American and European part sizes on the same machine.

A change to the folding program results in a congruent change to the fold in the part that is accurate to the millimetre. This accuracy and best-possible fold distribution result in a regular thickness of the end products which facilitates the stacking, storing and further processing.

Highest fold repetition accuracy with theoretical deviations of only +/- 0.5 mm at a transport speed of 60 m/min.

Cost-effective production because of the low consumption of energy and compressed air. The folding geometry requires up to 65% lower air consumption than comparable systems with quality being at least as good. The use of electrical components instead of pneumatic equipment additionally reduces air consumption.

Options

The end-to-end modularity of the system allows for simple expansion by additional modules or options.

A selection:

- The **Transfer module** for flat sheets permits a hook up to a sewing system (on request).

- **Card board insert on the prefold section** for folding with book card board. This option is required for fitted sheets. The board storage can be refilled during production.

- **Card board insert on the lateral fold A** for one card board. The board storage can be refilled during production.

- The **final folding station with box stackers and two stacking channels** allows for foldings with book card board as well as the sorting of parts according to different criteria into two stacking channels.

- The **final folding module with reversing conveyor** folds and stacks the parts



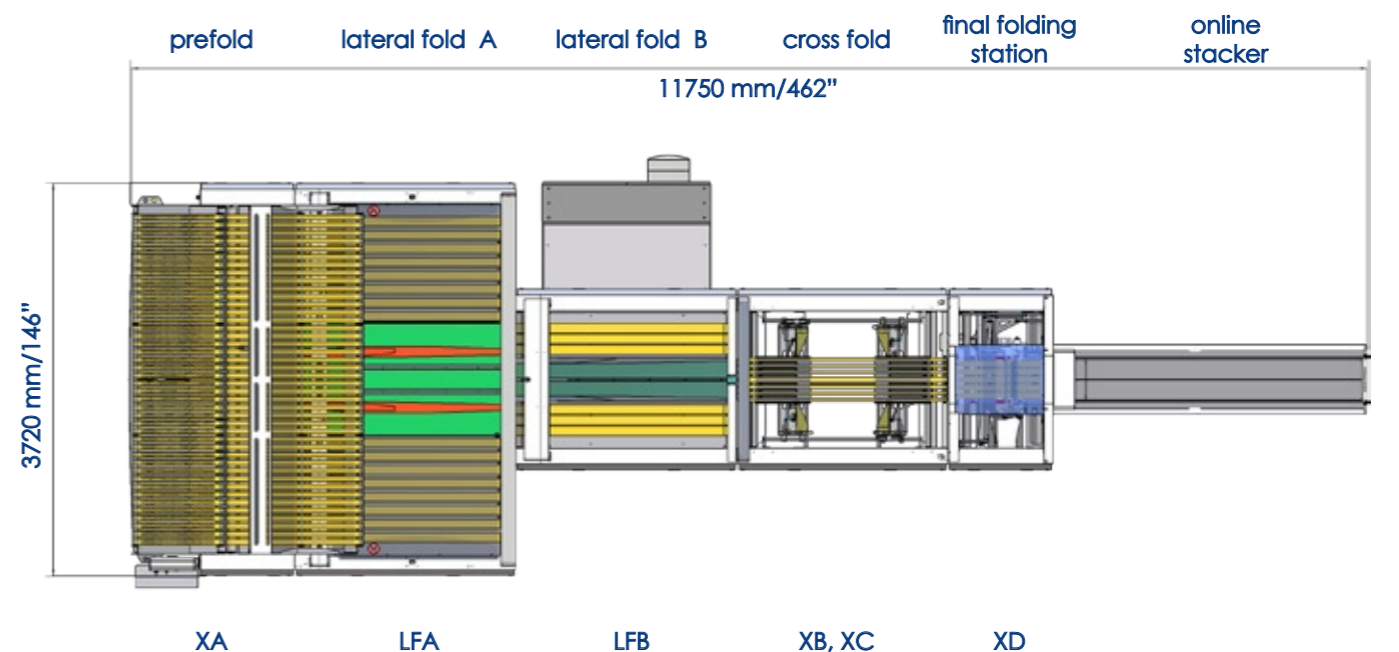
picture: CETUS with options.

on a lowering table and conveys the stack after reaching the preset stack unit number onto a conveyor belt.

- We will gladly introduce you to additional options and special functions in person.

Service

espriTex offers first-class support and in an emergency guarantees a fast and target-oriented reaction.



3720 mm/146"

XA LFA LFB XB, XC XD

CETUS	
Textile folding machine	

Other products

For additional uses in the area of flat linen, please note our other machines.

Our many years of experience and extensive specialised knowledge allow us to solve your folding problem completely and efficiently. Don't hesitate to contact us today.

ATLAS



- Universal and accurate folding machine for the folding and stacking of bed sheets, curtains, tablecloths, sheets and woven non-elastic flat parts.
- Processing of different materials such as cotton, satin, blended fabric of polyester and cotton, flannel as well as parts with borders.
- Feed hem of the parts presented as an outer fold or hidden as an inner fold.
- As a free-standing unit with feeding by two persons or optionally as a fully automated system with connection to a sewing system.



TEXPA Maschinenbau GmbH & Co
Mittelweg 9 • D - 97633 Saal/Saale (Germany)
Telefon +49-(0)9762/79-100
Telefax +49-(0)9762/79-110
<http://www.texpa.de> • E - Mail: mail@texpa.de

manufactured by
espriTex GmbH
Switzerland

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