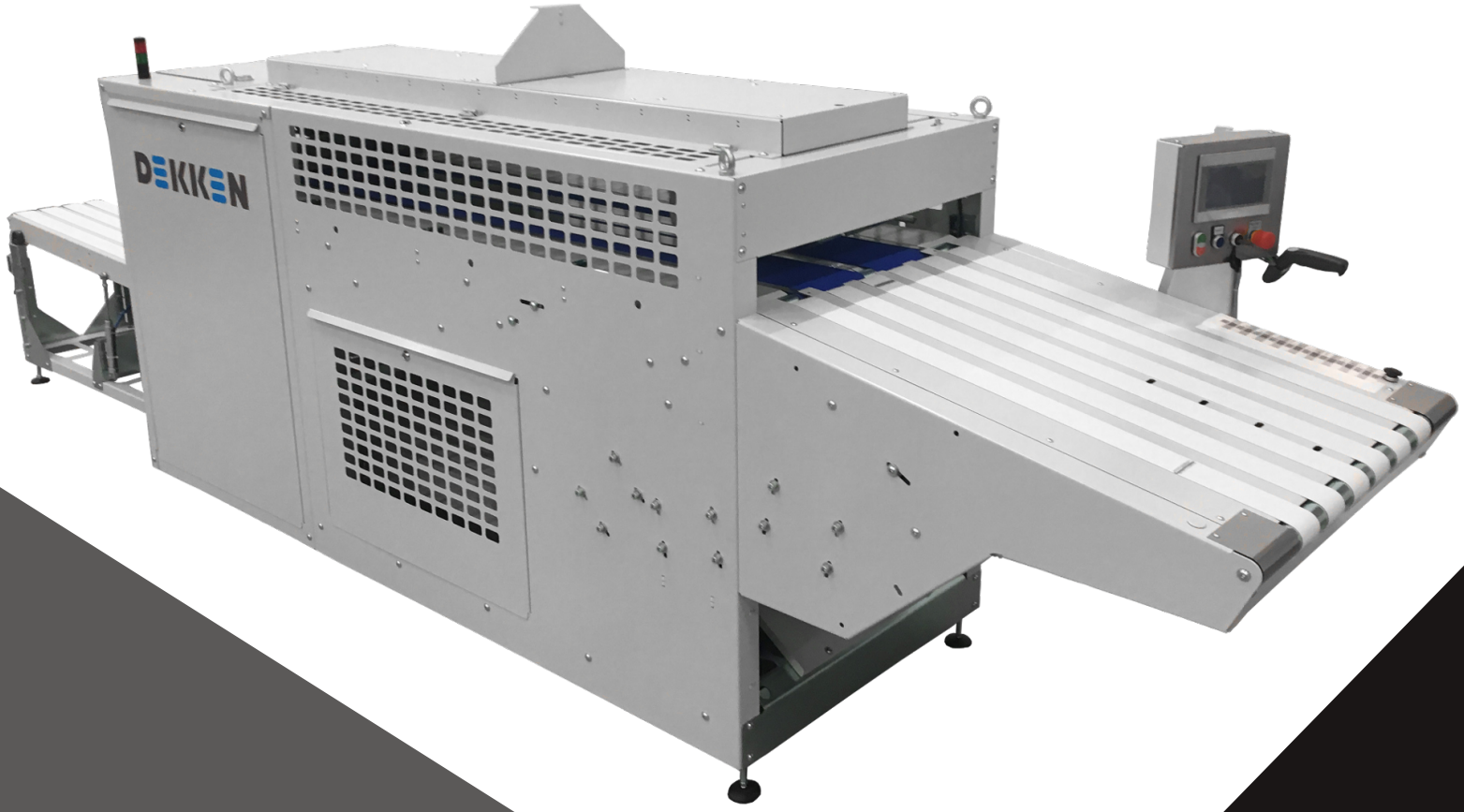
DEKKEN



info@dekkenmachinery.com
www.dekkenmachinery.com
Tel.: +32 (0)87 21 30 20

T-APPAREL

T-APPAREL
Accurate.Flexible.Fast.

The T-Apparel is the most advanced fully automatic folding machine that offers retail folding quality.
The T-Apparel can fold and stack all kinds of textiles and garments, ranging from 100% cotton to 100% polyester.

Possibilities

The folding program can be selected directly via the touch panel or via a scanner/barcode reader.
The parts are placed on the infeed conveyor. For perfect infeed quality, the conveyor belt can be selected between three running modes: Automatic, Key or Continuous.

The T-Apparel is equipped with a quality stop. When this function is activated, an additional stop for quality correction is made.

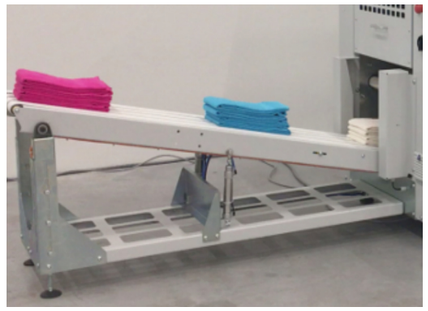
Control system

The T-Apparel has a color touch screen with the simplest layout.
No experience is required to customize or create a new folding program.

The machine is controlled by a PLC that offers the highest reliability.

Up to 60 different folding programs can be created. The data is backed up via an USB stick.

The T-Apparel folding machine is the perfect solution for E-Commerce, Return handling and retail.
It offers many different folding patterns and meets todays requirements in the textile industry.



Folding principle

The T-Apparel is capable of producing a large range of folding patterns. After feeding, the part enters the lateral folding section. The lateral folds are made by air in combination with position-controlled folding templates. The length of each part is automatically measured to achieve an optimal folding result.

After the lateral folding section, the piece enters the cross fold section. Up to 2 cross folds can be made, offering all kinds of folding patterns.
Tight folded pieces are obtained as pieces are continously kept between belts. The elastic belts ensure that the cross fold automatically adapts on thin as well as thick pieces.

Features and options

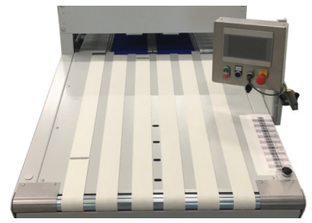
- Program selection via barcode scanner
- Program selection via external communication
- Uni-Link for all types of packaging machines.
- Accurate & fast
- Designed to last
- Very compact
- Fully automatic
- Size labeler
- Post labeler (after the fold)
- Stiffener inserter
- Integrated stacker
- Linear delivery belt
- 60 programs

And much more!

Stacking function

After cross folding, the folded garments are either placed on the stacking station or can be directly transferred to the exit.

The stacking station collects the folded garments until the desired stack height is reached. The stacker station then transfers the piece onto the incline belt.



T-APPAREL Quick-Specs

- Max. piece dimension: 160x100 cm / 63x39 in
- Air pressure: 6 Bar / 87 psi
- Air consumption: 5 m^3/h / 177 ft^3/h
- Air connection: ≥ Ø13mm /1/2 in
- Power supply: 1x 200-240 V, 50-60 Hz
- Power consumption: 1,5 kWh
- Machine length: 3915 mm / 154 in
- Machine width: 1030 mm / 40 in 1/2
- Machine height: 1540 mm / 60 in 1/2
- Machine weight: 1050 kg / 2315 lb
- Conveyor length: 1565 mm / 62 in
- Folding production: 1000 pcs./hour
- Up to 60 custom programs

Dekken Machinery
Euregiostrasse 1
4700 Eupen
Belgium
+32 (0)87 21 30 20