

**FL
XIBI
LITY 4.0**

ZEBRA

**cutting of patterned fabric^{4.0}
by PARMEL**

ZEBRA is an intelligent matching solution for automated cutting of patterned fabric for fashion, automotive, and furniture.

ZEBRA AutoMatching solution provides manufacturers with an automated stripe and plaid matching solution that aligns patterns across cut parts with unsurpassed accuracy. Unlike other solutions that rely on the operator to manually make these adjustments, our AutoMatching system uses vision technology to make the adjustments to bows, skews, and repeat variations automatically. Automate your production with the ZEBRA solution and upgrade it to industry^{4.0}.



Automotive

Automated cutting of patterned textiles for car, boat or aircraft interiors

Fashion

Automated cutting of patterned textiles for the fashion industry - from dresses, men's suits, and jackets to shirts



ZEBRA
AutoMatching



Furniture

Automated cutting of patterned textiles for the furniture industry

Various pattern types

dots, squares, stripes,
digital prints

Automatic correction

of pattern repeat
variations, bows and
skews

Accuracy

precise cutting
of layout plan

Minimal material waste

reduced scrap
and fewer re-cuts

Efficiency

more automation, less
manual labour

Flexibility

system
scalability

How does it work?

7 easy steps^{4.0}

1. The designer prepares the matched marker in the CAD software.
2. The system captures complex patterned fabric in a single-pass automated workflow.
3. The system recognizes the pattern with skew & bow compensation
4. The automatic matching mode adjusts part placement to material distortion.
5. The cutter cuts the parts.
6. The operator picks up the parts with a projection system (optional).
7. The system reports the production capability.

Why to choose PARMEL?

Take advantage of flexibility^{4.0}

We at PARMEL develop and supply automated solutions for cutting textiles and leather for the automotive, furniture and fashion industries. Your production processes do not have to adapt to the software. On the contrary, we will adapt our software flexibly to your established production. Upgrade it with us to industry^{4.0}.



High level
of experience



Direct technical
support



Worldwide
sales partners



Flexible
solutions



Complete cutting
solutions



Industry4.0
ready

Maximum throughput

more pieces cut
in less time

Compatibility

with different CAD
systems and ERP
systems

Intuitive design

and minimal
operator training

Single-operator

workflow

Reduced

operator skill level

Reliable equipment

Experienced,
accountable vendor



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Contact us

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