



## Individual laying & material usage

Efficient laying means economizing on fabric - without sacrificing quality.

### YOUR BUSINESS FIRST

#### Optimal material usage

Quality counts at every stage - irrespective of pattern and fabric. Errors cost time and money. When you create markers and communicate with your partners, you must be able to depend on perfect results – and Automarker fully automates these processes.

The Automarker.com service platform is open 24/7. You can create as many markers as you want, quickly and dependably - and at the same time send orders to your partner on the other side of the world in different output formats. Our Smart.Placement approach enables you to profit from specialist knowledge programmed by experts. And from 2013, you'll also benefit from even more laying efficiency.

Your advantages with Automarker -

- > material savings
- > shorter flow times
- > cost optimization and time savings in marker creation
- > no investment in hardware or software

### STRUCTURED LAYING – SMART.PLACEMENT

#### Rubberband

To maintain high standards of quality, you need intelligent tools that have a real 'feel' for manual placement, but which also increase your overall efficiency. Our Rubberband technology masters this completely. With Rubberband, you create default piece groups and laying rules for the automatic placement of markers. The function offers you lots of flexible scope for processing the gaps between cut pieces. As in manual placement, a tolerance area is defined, more like a rubber band than inflexible rules. This avoids color hues on finished pieces, your patterns are perfectly retained (even with dividing seams) and piece groups remain homogeneous.

Thanks to our Rubberband technology, we can offer you many more options for increasing marker quality.

#### Automatic creation of fixing blocks

Pieces flagged for receiving interlinings can be grouped into a fusing block and pieces to be fitted with an interlining can be grouped together.

#### Definition of quality zones in the outer fabric

If vertical and horizontal color gradients in the outer fabric are involved, you need instinct and a delicate touch when you're creating the markers - and Automarker lets you specify special rules for this delicate task, which enable the division of the markers into quality zones. The cut pieces are then placed into these zones in bundles.

#### Structured matching of plaids and stripes

Repeat fabrics require a lot of attention during the laying procedure - the pieces must be exactly aligned to ensure adherence to the design. With Automarker, you can place your cut pieces in this profile to conform exactly to your specific laying rules - again optimizing subsequent procedures at the same time.

#### Bundle per bundle

To avoid color differences and simplify sorting at the cutting stage, split your marker into size sections that have a flexible order, e.g. ascending or descending, alternating, user-defined, the number of sizes per section and section-overlapping. Or you can simply define your own specific order sorting of the cut pieces, e.g. for template markers.

#### Disaggregation and common-lining

You achieve optimal material usage and better cutting quality with the automatic distribution of small pieces over the marker. And thanks to the use of common contours, the cut path is optimized at the same time.



Illustration 1: Automarker.com service portal Illustration 2: Rubberband



Illustration 3: Bundle per bundle

Illustration 4: Splice marks

Illustration 5: Uploading of pieces in DXF format

### Splice marks

Splice marks help you to optimize the laying procedure at the cutting stage and material-related error handling.

### Automated gusseted crotch separation

From 2013 on, Automarker can automatically lay the separation of gusseted crotches in back pants or in men's workwear.

## MARKER MANAGEMENT

### Marker conversion

Today's business world expects optimal data exchange right across the globe. Ensuring that you can coordinate smoothly with your partners both domestically and abroad, Automarker always has the right data ready - at the right time and in the right format. You can convert -your markers into all the popular CAD formats, like Gerber, Lectra and ASTM - and you can create plotter and cutter files (including cut path optimization, see Illustration 6). And linking Automarker to your CAD/ERP and PLM systems is no problem at all.

### Marker laying with "piece" data.

Flexibility in data formats starts as early as the uploading stage. On automarker.com, you can create a marker definition in various different formats, like DXF, AAMA and ASTM - and you define all the attributes, exactly how you need them. The markers can also be copied in the upload area - and this means you can calculate the same data set with different marker breadths, giving you the best possible material usage. You can also view the current interim status in the Preview mode during the automatic placing process.

### Communication with partners

All the markers can be released directly to production for specific orders, guaranteeing that your data is completely transferred on schedule. You can also integrate your Automarker data into the calculation or manufacturing processes, as fully-fledged working documents in the form of miniPlot PDFs - and existing markers can be output as high-resolution graphics in color or black & white. Title lines, headers with column numbers and document or column titles are all configurable. The individual design of piece labeling by means of predefined text macros is also possible, as is the use of Chinese, Arabian and Cyrillic fonts.

automarker.com Marker laying and conversion	Assyst marker	AccuMark marker	MicroMark marker	Lectra marker	DOWNLOAD ↑
Assyst marker	✓	✓	✓	✓	
Gerber marker	✓	✓	✓	✓	
MicroMark marker	✓	✓	✓	✓	
Lectra marker	✓	✓	✓	✓	
DXF pieces	✓	✓	✓	✓	
HPGL pieces	✓	✓	✓	✓	
IGES pieces	✓	✓	✓	✓	
ASTM pieces	✓	✓	✓	✓	

UPLOAD

supported

Illustration : Import and export formats in Automarker

## USING AUTOMARKER

### Testing is free

You can use Automarker for four weeks - with all its functions. As soon as you register on automarker.com, you can create a company profile with our support team. It's fast and uncomplicated. We're looking forward to answering your call!

**Assyst GmbH**  
 Max-Planck-Str. 3  
 D-85609 Aschheim-Dornach  
 P +49 89 90505-0  
 F +49 89 90505-271  
[www.assyst.de](http://www.assyst.de)