

# VEITH SYSTEM

## PinIT, the Software for the VEITH Pin Table

### PROBLEM ▶

Checks, stripes and patterns have made it always necessary to work with special methods. The VEITH Pin Table helps since years to improve this field of garment manufacturing. A maximum of benefits can be achieved in the men's wear, where doing the fine-cutting of checks with a CNC-Cutter is today's standard.

However until now it was not possible to work in the field of ladies wear and shirts on the same high level. The main reason for this situation are the specific matching conditions, where the pieces have to relate to the centre of the fabric repeat, e.g. backs, fronts, upper sleeve, collar, yoke etc. These conditions make it necessary to plan the marker exactly on the repeat of the fabric. Before the background of the general known variations of the repeat, this seems to be impossible. Consequence:

- ☹ pieces in the marker still have blocking tolerances, which cause a higher fabric consumption
- ☹ the lay packages have to be cut in blocks, and the pieces have to be matched piece by piece, causing a much lower productivity
- ☹ a sensible use of a CNC-Cutter for cutting checks is almost impossible

### Our experience shows that there is a better way!

### ANALYSIS ▶

... at least in most cases. The majority of fabric is much better as generally assumed, but:

- ✘ there are systematic and general faults in the approach of working with checks, stripes and patterns
- ✘ the way of measuring repeats is wrong and not accurate enough
- ✘ especially bad experiences with checks and stripes are still present in the memory
- ✘ there is no specific know how on how to plan markers for checks, stripes and patterns in a proper way

Consequence: There is the general impression - almost like a law of nature - that all checked, striped and patterned fabrics are bad - at least too bad for planing a marker according to the repeat.

## COMPETENCE IN MATCHING CHECKS AND STRIPES

# VEITH SYSTEM

## PinIT, the Software for the VEITH Pin Table

PinIT is a software to support the work with the VEITH Pin Table. It is based on our long lasting experience while working with checks, stripes and patterns. PinIT is the necessary tool for successfully planing markers on a CAD-system according to a certain repeat and transferring it then into reality in the cutting room, i.e. implementing the ...

### PinIT-Process

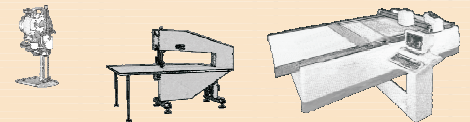
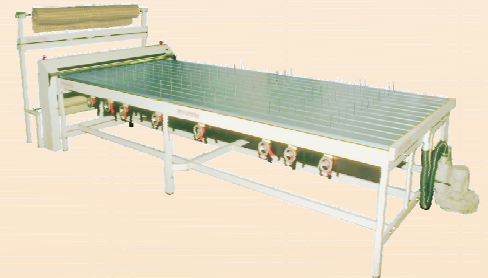
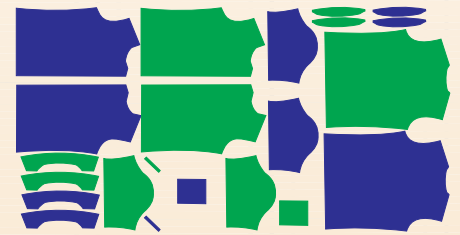
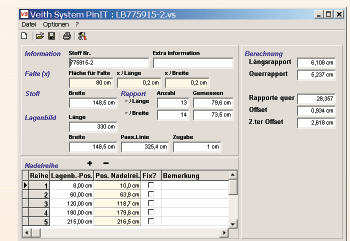
- PinIT guides you to measure the repeat in a correct way and helps to prevent you from making typical faults. At the same time it ensures to get a sufficient accuracy for the repeat in the end.
- PinIT has a function to calculate the repeat with a certain safety margin. This helps to compensate small repeat variations, which otherwise would cause very likely a fail of the process.
- PinIT has a special function to support knitwear application, where it calculates frame parameters - a work around in order to help planing markers for fabrics with slanted lines on today's CAD systems.
- PinIT calculates the correct repeats and offsets of the fabric for a quick set up of the CAD.
- As soon as the marker will be ready, PinIT supports you in combination with your CAD to determine the exact needed positions of the needle bars in the VEITH Pin Table - mathematical correct, synchronizing marker logic, repeat and needle bar positions.
- A NEW software module provides interactive support for planning the needle bar positions based on data generated by the CAD - consequence the planning process becomes easier and much more productive.
- PinIT ist part of work preparation - fast, efficient and exact. The printed report contains all necessary set up information of the VEITH Pin Table.
- PinIT calculates the position of the needle bars in such a way that the fabric can be pinned on the standard repeat. Therefore training of operators becomes fast and spreading and matching itself is even more easy and very fast.
- With PinIT you get at the same time a permanent quality control of the fabric. Unacceptable repeat variations appear immediately giving you the opportunity to react accordingly.
- PinIT allows you to work so accurate, that the majority of fabrics can be cut finally on a CNC-Cutter without blocking tolerances.

- ☺ **minimum fabric consumption**
- ☺ **maximum productivity**
- ☺ **usage of CNC-Cutters**
- ☺ **top quality**

**VEITH SYSTEM goes GREEN**  
We have installed a photo-voltaic system, generating over the year 35% more electric energy than we consume during the same period.

We of course also teach you on how to plan correct markers for checks, stripes and patterns.

### SOLUTION



### ADVANTAGES

### COMPETENCE IN MATCHING CHECKS AND STRIPES