

# MARKER

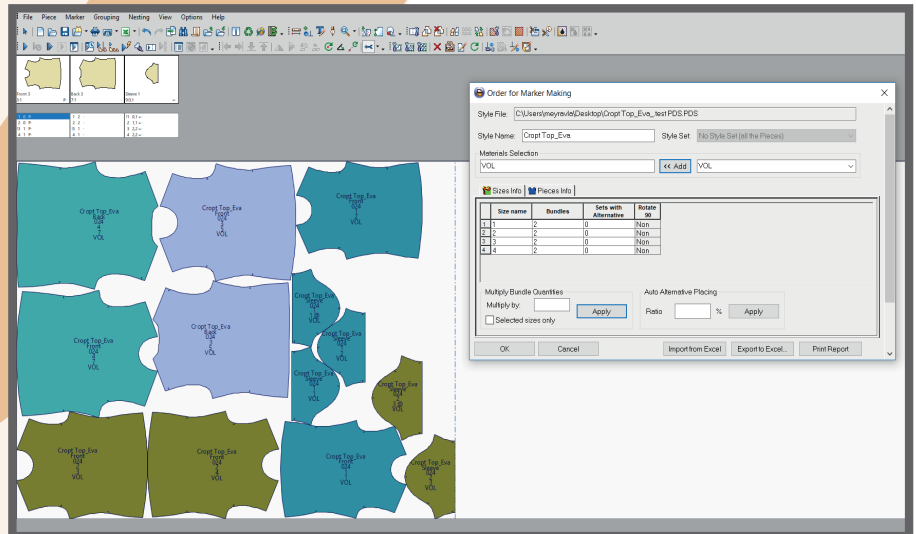
## Get the Most Out of Your Fabric

Fabric use optimization via manual  
and automated nesting and costing,  
compatible with most plotters and cutters

**OPTITEX**

# MARKER

Optitex Marker enables optimized fabric use, and reduces material waste via advanced nesting. Marker's sophisticated technology helps organizations save time, resources, and costs, while significantly contributing to sustainable processes. Marker is compatible with standard plotters and cutters to ensure seamless interoperability.



# *Dramatically Reduce Marker Making Complexity, Time, and Waste*

## **The Complete Solution for Fast, Easy and Accurate Marker Making**

- Work in either manual or fully automated nesting
- Set up restrictions for production markers, such as fabric types, buffer, and orientation of pieces
- Control group placement of pieces by specific attributes
- Set up markers with advanced sizing from PDS pattern files
- Define improved cutting sequence with automated optimal piece and start point
- Improve quality control by activating various cutting direction constraints
- Reduce cutting time and extend cutting machine lifecycle with automatic shared cutting lines feature
- Automatically assign materials flaws while maximizing use of remaining materials
- Automatic nesting of shaded markers
- Generate reports for material usage and cost calculations of each marker
- Advanced file export options to communicate plotting and cutting

## **Automated Nesting**

Optitex Nesting solutions offer significant savings for small, mid, and large size organizations, allowing them to maximize production profit by using fabric efficiently.

- Achieve maximum material efficiency in minutes
- Control the process runtime for faster results
- Schedule “nesting queues” to automatically generate multiple nests
- Obtain precise cost proposals for clients during price negotiations
- View data in spreadsheet format for easy comparison of efficiency, marker lengths, widths, and process times
- Export marker data in ASTM XML format
- Easily integrate customized plugins (e.g., PDM/PLM systems)
- Effortlessly calculate splices using the automated Optimized Splicing tool
- Print barcodes for piece descriptions, reports, and other data (optional add-on)
- Create batch command markers from multiple sizes, and PDS styles for marking and nesting

## **Optitex Offers 3 levels of Nesting Solutions to Enhance Fabric Efficiency:**

### **Basic (Nest ++)**

- Save valuable time over manual nesting with basic automated nesting

### **Advanced (Nest ++2)**

- Increase efficiency up to 2.5% as compared to Nest ++

### **Professional (Nest ++Pro)**

- Best in-class nesting algorithm
- Increase efficiency up to 3.5% higher than with Nest++
- Includes Auto-Compaction and Multicore modules for additional improved nesting

# Why Optitex?

## Because Efficiency & Precision Matter



30+ Years of Experience



Global Presence



Support for Multiple Languages



Comprehensive Product Suite



Robust Customer Support



Sustainability Focus