OptiTex™

Apparel | Fashion | Sewn
2D 3D CAD/CAM Professionals

think in style

About OptiTex™

OptiTex specializes in the development of innovative, easy-to-operate CAD/CAM solutions for several industries such as Apparel, Accessories, Automotive, Aeronautics, Upholstery and Industrial Fabrics. Our native Windows-based software used for digitizing, pattern engineering, grading, marking, advanced automatic nesting and 3D draping are specifically designed to meet the needs of today's manufacturers.

OptiTex's open architecture system comes amply equipped with a multitude of import/export formats, enabling OptiTex users to interface with a wide range of software and hardware. Customers enjoy the benefit of selecting hardware that fits their company's needs in terms of performance and price. OptiTex also offers the convenient option of purchasing a completely integrated CAD package, including OptiTex software solutions, digitizer and pen or ink jet plotter.

OptiTex products are sold and supported around the world through certified distributors and OEMs. Our software solutions are currently available in nineteen languages. OptiTex is committed to providing the sewn-products industry with solutions designed with the latest software technology in order to ensure compatibility for the user and protection from obsolesce. Affordable, flexible and easy-to-use products are hallmarks of OptiTex software for companies of all sizes.

Mission and Vision

OptiTex is the leading developer of CAD/CAM software solutions for manufacturers of industrial fabrics, apparel, upholstery, transportation, composites, home furnishings and other sewn-products. After 17 years in the business we proudly show a brilliant track record of customer satisfaction, cutting edge technology and business clarity. We managed to leave a clear imprint in the sewn-industry and we are determined to continue leading the way.

OptiTex is dedicated to the creation and expansion of a value proposition that includes the company, its human resources, customers, shareholders, distribution channels and business partners. Our mission and vision consists of three interrelated parts:

Products - Software to go from Sketch to Sample.

OptiTex continuously innovates, integrates and reacts to emerging industry trends by empowering our users to easily design and manage new garment ideas and its pattern production needs directly into OptiTex's 2D/3D fashion design software. OptiTex strives to develop, produce, distribute and sell the most sophisticated and open CAD/CAM software solutions and related hardware with optimum price/performance ratio.

Economic - Passion for Customers, Value & Technology.

Our passion and commitment to our customers, partners and technology allows OptiTex to operate the company on sound financial basis with profitable growth and increasing value for our customers, shareholders, distribution channels and employees. OptiTex is dedicated to creating career dynamic opportunities and financial rewards for our employees.

Social - Global Citizens Caring for the Customer and Community.

Our responsibility and accountability to our customers and their communities allows OptiTex to operate in a way that vigorously acknowledges the central role that business plays in the structure of society. OptiTex responds by pioneering and paving innovative ways to improve the quality of life for a global community.

Through quality innovation our commitment to the aforementioned goals will fuel the emergence of OptiTex as a world-class solution provider able to meet the challenges of today's international sewn goods manufacturer.

Apparel

- ABS By Allen Schwartz
- Betex
- Best Manufacturing
- Bisou Bisou
- Bob Timberlake
- Cherokee Uniforms
- Christian Dior
- Cullinary Classics
- Dewhirst
- Disney and Looney Toons
- Diving Concepts
- Fivelingo
- Grand Knitwear
- IZIZ Dezigns - Atelier Avocado
- Jintana Apparelle Co.
- Kennet Group
- Koyo Co.
- KwikSew Patterns
- Land's End
- Leijten Creations
- Lori Coulter True Measure
- Manukian
- Morgan
- Osaka Shinko Co.
- Parisa USA
- Petrozillia
- Promode
- Racewear
- Royal Park Uniforms
- Sahinler Holding
- Summit Sportswear
- Target Corporation
- Thong Thai Textile Co.
- The Marena Group
- Vanity
- Custom Swimwear
- Kohl's
- Guess Jeans
- Wacoal

Upholstery

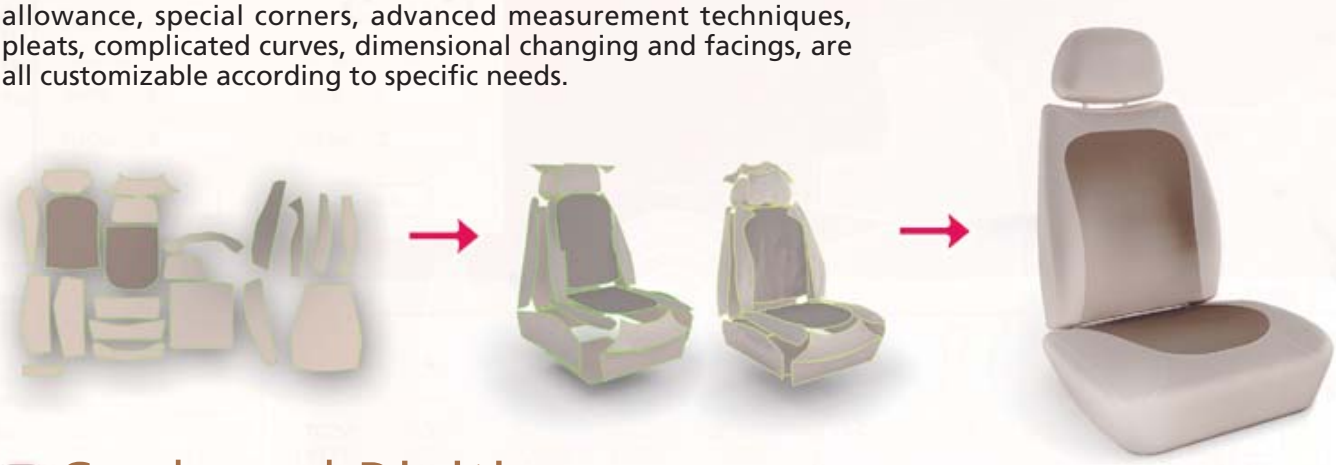
- Aqua Marine Products
- American Leather
- Artifex
- Bastex
- Buerstner Caravan
- Centurion
- Dauphin
- Distinctive Industries
- DKL GmbH-Dental Chairs
- Dreipunkt
- Elastoform
- Elle Salotti
- Erpo
- Flexsteel
- Friedbert Adams
- Frau Poltrona
- Ganss Polstermoebelfabrik
- Gruber
- Hartan Kinderwagenwerk - Prams
- Horst
- Hukla Werke
- Knoll
- Konig & Neurath
- Laauser
- Lane Furniture
- La-Z-Boy
- Leather Center
- Mohr Johannes
- Norwalk Furniture
- Nova Oprema
- Prestige Fabrications
- Raanhuis
- Silla Sitzmöbel
- Sitag
- TUS KO-SI
- Wilca Wagner
- Yukas Co.

PDS - Pattern Design System

Our unique approach to the 'On-Screen Pattern Design' capabilities has earned OptiTex a great appreciation from a variety of users. Our powerful Pattern Design System (PDS) is designed to easily create new styles or use existing patterns. Even the most subtle of hard copy patterns is maintained.

Movable toolbars and dialog boxes allow each design engineer to create his/her own working environment. Icons and tools are organized according to functionality: the 'Compare Length' dialog box is used to compare line lengths of multiple pattern segments, while the 'Insert Toolbar' is used to add pleats, seam allowance, drill holes, notches and text.

PDS provides a full suite of features and functions designed with sewn-products manufacturers in mind. Tools such as darts, seam allowance, special corners, advanced measurement techniques, pleats, complicated curves, dimensional changing and facings, are all customizable according to specific needs.

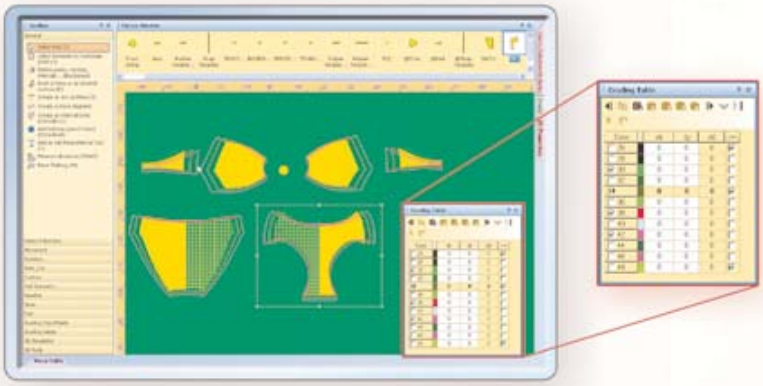


Grade and Digitize

OptiTex **Grade**, our unique automatic and manual grading software, is designed to simplify grading. Intuitive software combined with sophisticated grading features makes even the most difficult grading swift and accurate. Built-in dialog boxes are specifically designed to ease complicated grading on notches and split parts, angle grading is used on difficult points. Alteration grading for interim sizes is a particularly important feature for products such as jackets and jeans.

OptiTex **Digitize**, our exceptional interactive digitizer software allows you to see your patterns on the screen while being digitized and not after. You can digitize all types of contours and internal parts, grade them, assign piece attributes and any information needed for marker making while digitizing.

Digitizing of tight curves is accurate and easy, requiring only a few points. Digitizing of complicated pieces takes seconds and can be done at any time.

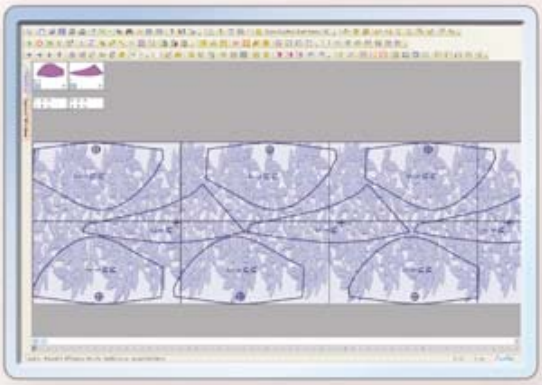


Sizes are easy to recognize using OptiTex Grade's built-in color coding. Grade rules can be defined either for single points or for the entire piece, while entire grade libraries are exportable into other applications such as Microsoft Excel.

Mark - Marker Making

OptiTex **Marker Module** is designed to maximize productivity and minimize labor and material costs.

The Marker allows maximum flexibility. While marking patterns you can simply change the marker dimensions, allow for different quantities for each piece and change the number of plies, the layout mode and all system parameters at any stage of the process.



You can optimize cut sequences for an entire nest all at once or by individual piece and modify cutting direction of individual pieces. You can also use the powerful 'Shared Lines' feature for common line cutting onautomatic cutting equipment.

Nest++ 2 - Advanced Automatic Nesting

OptiTex's powerful new **Nest++2, Advanced Automatic Nesting** application, incorporates an intelligent algorithm for nesting, thus delivering comparable and better results than those achieved manually. Only the basic marker parameters require definition; Nest++2 takes care of the rest by automatically generating an extremely tight marker.

Nest++2 respects all existing constraints such as directional rotation, tilt allowance and time limits given for each marker.

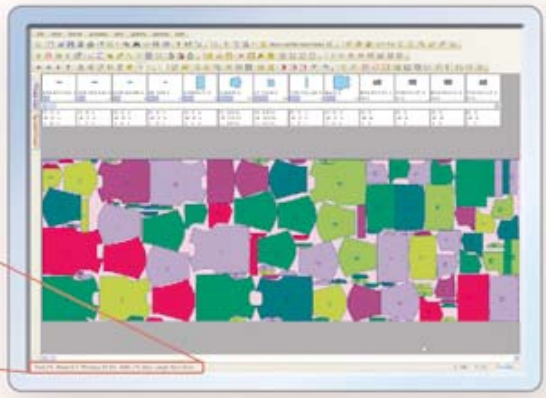
With Nest++2 you can control the run-time and obtain real fast results.

Nest++2 can also be used to obtain precise cost proposals for clients during price negotiations.

Nest++2 increases material efficiency drastically, elevates overall nesting standards and reduces time and labor.

Nest++2 can be utilized with pattern files from other non-OptiTex™ CAD systems.

The 'Nesting Queue' generates complete, multiple nests, automatically using unattended, overnight processing. Data from the queue is organized in spreadsheet format to allow easy comparison of efficiency, nest lengths, widths and process time.



Match++ - 'Walking Safely Between the Stripes'

Match++ is a fully automatic **Matched Fabric Nesting System**. Match++ is a great nesting tool for users of upholstery, apparel and industrial fabrics who routinely work with stripe, plaid, railroad and flow-matched fabrics. Sophisticated matching features recognize scanned or imported images of materials and incorporate these images during the marking process to optimize layout on patterns with fabric repeats. Pattern pieces can be related to the fabric or to other pieces in the layout.

The extraordinary speed and accuracy of Match++ makes it beneficial for use in both manual and automated cutting. The user can even match lace fabric for the bra industry, using either orthogonal or angle direction. It is possible to verify pattern matching in the fabric before ordering it. Pre-verification allows the user to revise patterns and fabrics to ensure quality, while saving valuable time and money.

Import/Export

A unique list of Import/Export capabilities makes OptiTex software the most flexible CAD system for sewn products on the market today. These capabilities guarantee smooth interaction with the rest of the world. Ten different file formats are importable, while over twenty formats are exportable. Whether using automatic cutting machinery, plotting devices or other software applications, OptiTex can generate a file format acceptable to that system. Supported files include: DXF, AAMA, ASTM, NC, ISO, HPGL, HPGL-2, MicroJet and more.

Direct Converters

OptiTex Direct Converters are compact software applications that read and convert most CAD/CAM piece files and 'Model and Order' native data directly into OptiTex format. Easy-to-use Direct Converters save precious time by eliminating data transfer difficulties that can occur when using standard transfer formats such as DXF and AAMA.

OptiTex Direct Converters are extremely effective. Direct and accurate conversion of hundreds of other CAD/CAM files is completed in a matter of seconds with no post processing required.

Hardware

OptiTex offers a variety of high-quality hardware devices, including cutters, plotters and digitizers. In addition, OptiTex software is fully compatible with all major manufacturers, allowing for faultless connectivity with existing hardware.

Plotting Hardware
Calcomp
EnCad
Gerber
HP
Ioline
Lectra
MicroJet
Mimaki
Mutoh
NovaJet
OptiJet
Zund

Cutting Machinery
Autometrix
Bullmer
Carlson
Cutting Edge
Data Technology
Eastman
Gerber
Investronica
Kuris-Wastema
Lacent
Lectra
Pathfinder
SEI

Digitizing Hardware
ARISTOproGRID
Calcomp
Calcomp (3348 Lectra)
GTCO
Numonics
Summagraphics

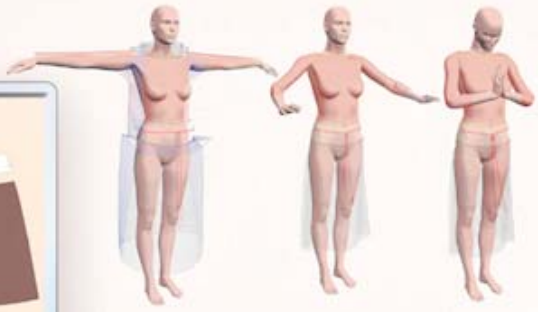
Other HP-GL machines
Takaoka
Zund and more...

Networking - OptiTex is a native Windows® application and can be used with any Windows® compatible LAN solution.

Support - OptiTex offers worldwide telephone, fax, and WEBEX e-mail support.

3D Runway™ Designer - 'Virtual becomes Real'

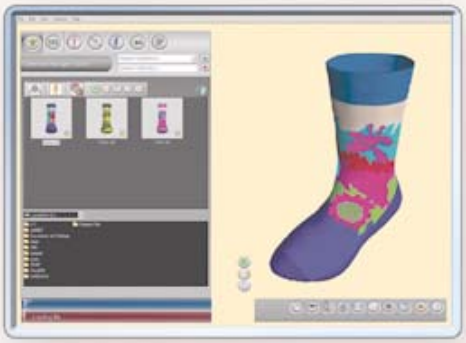
OptiTex 3D Runway™ Designer is a 'True-to-Life' Fabric Simulation System. 3D Runway Designer offers the user a suite of tools that will simulate all pre-production activities related to fitting, visualization and color variation. 3D Runway Designer is specially designed to be used as a communication tool between the retailer, subcontractor, designer, pattern maker, manufacturer and the engineering, merchandising and management departments. Using the 3D Runway Designer suite of tools allows the visualization of any pattern modifications instantly in full 3D form based on accurate CAD patterns and real fabric characteristics.



3D Runway animation in progress

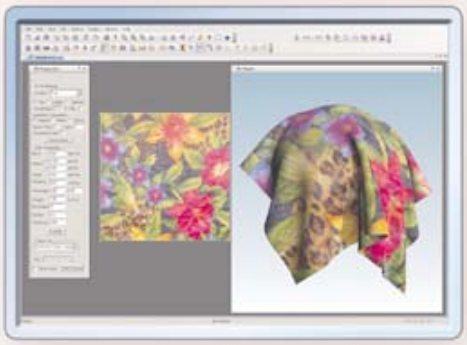
OptiTex 3D Runway™ Designer improves 'Time to-Market' by reducing product development time, reducing cost of multiple iterations of sample garment production, enhancing quality of products due to the use of accurate modeling system, analyzing fabric behavior, offering proof-fitting assumptions and providing a graphical collaboration tool for all involved in the product development process. It also provides an excellent tool for sales and marketing, with the easy-to-use 'virtual storyboard'.

OptiTex 3D Runway™ Designer offers the user a wide range of highly detailed parametric mannequins that feature 40 adjustable body measurements, including several posture positions that can be saved for multiple uses. Users can create their own specific base-size mannequins (virtual fit models), saving a great amount of fitting time.



Other capabilities include:

- *An internal 'Fabric Physical Characteristics test tool'.*
- *Special attention was given to the 3D simulation of seamless garments.*
- *Ability to compare two versions of a garment on screen at the same time. Any amount of 3D viewers can be opened simultaneously.*



Example of fabric laboratory that allows the user to tune physical attributes for every fabric type.

Definition of physical attributes such as strength, weight, bends and shear can be defined for each pattern.

3D Runway Designer comes with a set of standard fabric definitions. The user is able to add to the Fabric Library his/her own types of fabrics.

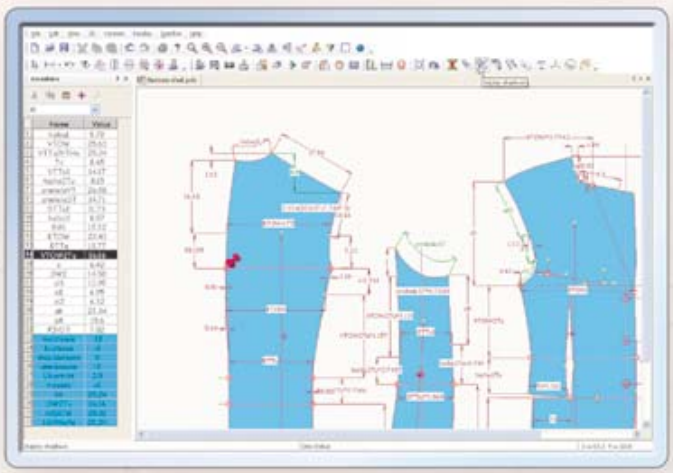
Modulate - ‘Made-to-Measure’

Modulate is an interactive, parametric, Made-to-Measure (MTM) engine that allows for customization of the product by defining the dimensions designated for alteration.

For example, a parametric jacket can be defined using dimensions such as ‘Shoulder’, ‘Bust’, ‘Waist’ and ‘Hips’. The user can visualize each step of the process while defining the parametric model. When the user drags the ‘Shoulder’ dimension with the mouse, Modulate recalculates the entire jacket accordingly. The immediate effect is displayed on the screen. If the change does not produce the desired result, the user can immediately change back the dimension or alternatively add or remove a different dimension.

Once the parametric jacket has been fully defined, modification to the jacket can be visualized interactively by simply entering new values for the dimensions. These values can be saved in a ‘Variable library’ for future use. All specifications, dimensions, styles and orders are maintained in a standard database for repeat orders. Modulate and 3D Runway Designer application will recognize measurement values and 3D scanner data from most types of 3D body scanners. Values that come from the 3D scanner will change the pieces’ styles automatically.

Modulate streamlines a company’s method of generating Made-To-Measure patterns. Patterns from other non-OptiTex CAD systems can be imported for use with Modulate. The modified patterns are then automatically arranged for efficient plotting or cutting. Modulate works perfectly with other OptiTex products such as PDS and 3D Runway Designer.



Flexible - OptiTex users can trust that OptiTex products are in synch with the rest of the world. As manufacturing changes, OptiTex products are built to handle unpredictable changes. Whether producing locally today, contracting out of state next week or manufacturing across the world next year... OptiTex products are prepared for these changes.

Compatible - Equipped with over twenty output formats and ten import formats, OptiText software can communicate with a large range of hardware and software. Plot or cut to machinery by Eastman, Algotex, Ioline, Hewlett Packard, Mutoh, Wild, Zund, Carlson, Autometrix, Graphtec and other CAD/CAM formats. Digitize using Numonics, GTCO, Calcomp or Summagraphics. Send and receive file from AutoCAD, Corel Drow, Cadkey and more.

Multi-Lingual - OptiTex products are Multi-Lingual and available in several languages. English, Spanish, Italian, Chinese, Thai, Japanese, Hebrew, French, German, Portuguese, Polish, Russian and Turkish are but a few languages the OptiTex product have been translated to.

Portable - OptiTex products are simple to install on personal desktop computers as well as notebooks. OptiText software can easily travel with you on your notebook to important meeting or to your manufacturing plants on the other side of the world. OptiTex file are sent easily by e-mail over the Internet, directly from OptiTex applications.

Easy-to-Learn - OptiTex software is user-friendly and easy-to-learn. Training can take just three to four days rather than weeks. No complicated commands or mastery of an operating system is necessary. Icon-oriented OptiTex software simply runs on the powerful, popular, user-friendly Microsoft Windows operating system.

Affordable - OptiTex offers the most affordable, intuitive, yet sophisticated CAD systems for sewn products today.

Recommended Hardware:

- Windows XP (SP2).
- Intel Pentium 4 2800 Mhz, 800 FSB processor or AMD equivalent or faster.
- 512 MBytes RAM DDR (400 Mhz).
- 80 GByte hard disk (installation requires approx. 400 MBytes).
- CD-ROM or CD-RW or DVD drive.
- 19 inch colour monitor or larger.
- VGA Card NVIDIA Ge-Force 5 FX 128MB or ATI RADEON X300 128MB.
- Standard Keyboard & Mouse.

Automotive

- Audi
- BMW
- Compin
- Distinctive Industries
- Faurecia
- Herman Schnierle GmbH autobus equipmenrt
- Ikuta Kougei Co.
- Insitu Technologie
- Johnson Controls (JCI)
- Juba GmbH
- MK Klassik
- Oesterle Interieur
- Porsche
- Prevent
- Recaro Nao
- Schnierle
- Sun Circle Co.
- Thomatex - Car Carpets
- Toyota Gosei Co.
- V-Systems

Educational / Institutes

- Parsons School of Design Cornell University
- Seattle - Community College
- Minneapolis - Community College
- Nassau - Community College
- Instituto Superior de Comunição -São Paulo
- BEYOĞLU OLG. ENS. - Istanbul
- Kyunghee University - Seoul
- Natinal Institute of Fashion Technology (NIFT) - India
- IHK Coburg- Germany

Aeronautics

- ATSI
- Birdair
- Boeing USA
- EADS
- Eurocopter
- Fairchild Dornier
- Hawker De Havilland
- Irvine Aerospace
- Northrop Grumman
- Raytheom

Industrial Fabrics

- Aerodyne
- Agora Leather
- Bea Maurer
- Coach Leather
- Efteka
- Flying Planet
- Hartmann Luggage
- Neely Manufacturing
- Neil Pryde Sails
- Pacific Coast Feather
- Parachutes De France
- Tyco Toys
- Travel Products
- Wells Lamont
- Yamazaki Sangyo Co.

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