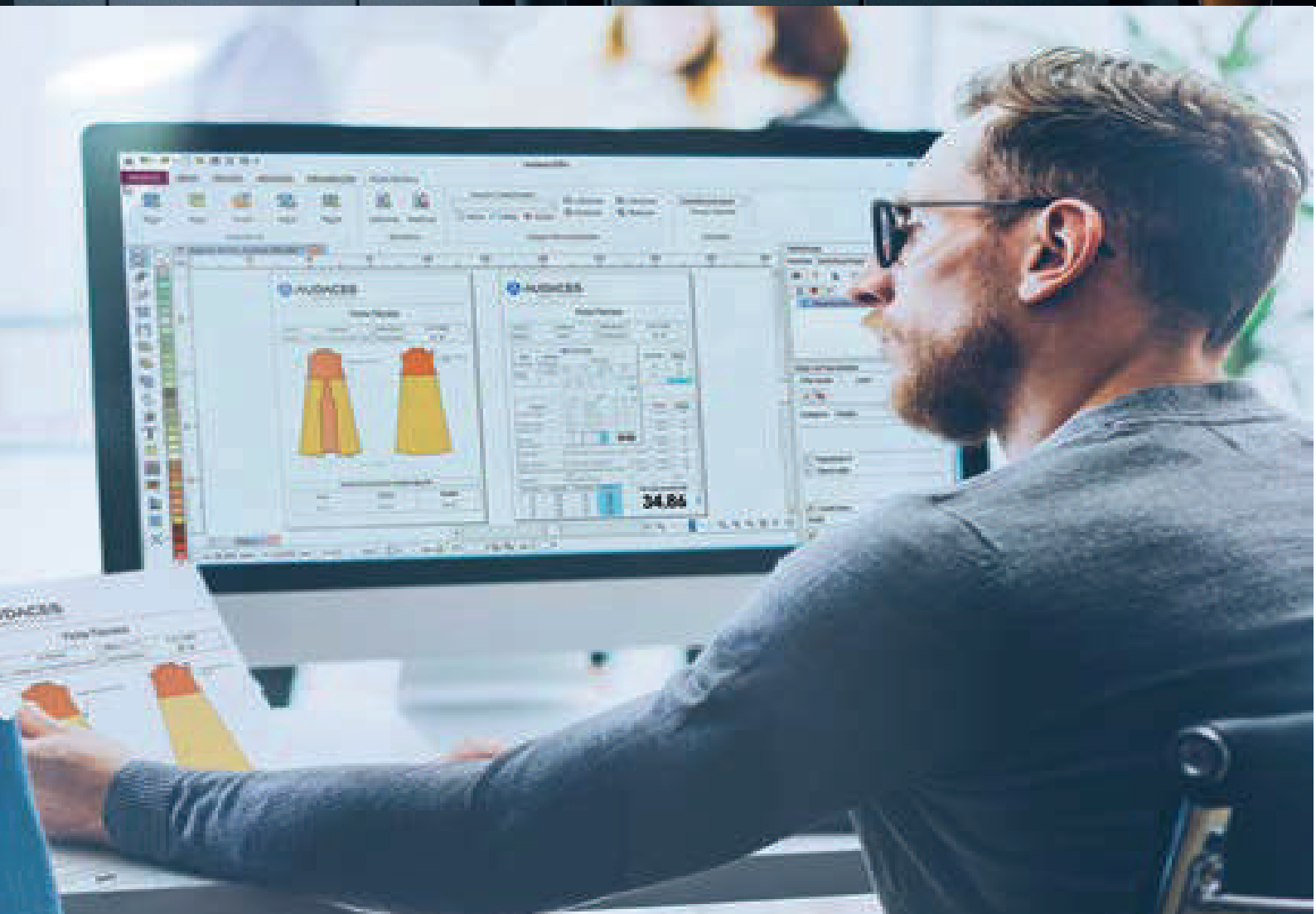
VELOCITY PLOTTERS & CUTTERS

Representing

AUDACES

Neocut Bravo


AUDACES
AUDACES
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VELOCITY
PLOTTERS & CUTTERS

Velocity Plotters and Cutters is a globally recognized American company known for providing cutting-edge, high-quality technological solutions tailored to various industries, including garment, textile, fashion, upholstery, and automotive, among others.

For over 30 years, we have been developing certified Industry 4.0 technologies that are easy to learn, use, and maintain, accelerating creation, development, production, and sales. We are partners and facilitators: we understand that each customer has unique challenges, which is why we offer solutions tailored to every need.

Our solutions are perfectly integrated and enable seamless communication among team members, real-time monitoring of production performance data, and efficient resource utilization, all while minimizing waste.

Our software programs are tailored to the specific requirements of the textile industry, and our CAD technology enables vector design, size grading, and marker optimization, allowing for maximum fabric utilization

Our machinery provides precision processes with complete safety, featuring unique software to plan, control, and manage production in real-time.

We are Velocity: our experience and solutions are suitable for companies of all sizes across a variety of industries, including fashion, upholstery, marine, automotive, and aerospace.

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JOIN US IN OUR MISSION TO TRANSFORM THE WORLD OF FASHION AND TEXTILES!

ARE YOU LOOKING FOR RELIABLE SOLUTIONS?

At Velocity Plotters, we are committed to enhancing the productivity of businesses through **reliable technology** and **exceptional customer service.**

OUR GOAL IS TO EMPOWER YOUR SUCCESS

MACHINERY ENTIRELY MANUFACTURED IN ITALY

The experience and innovation oriented approach of our team, along with partnerships with high quality component suppliers, enable us to build excellent machinery.

STATE-OF-THE-ART TECHNOLOGY FOR THE TEXTILE AND FASHION INDUSTRY

Our solutions are intuitive and specifically designed based on the needs and production processes of the textile and fashion industry, from creation to production and sales, aiming to simplify your work and free up space for your creativity.

A CUSTOMIZED PROJECT FOR YOU

We analyze your production, listen to your needs, and support you in defining your goals, providing you with the best solutions.

ALWAYS BY YOUR SIDE FOR YOUR SUCCESS

Change is a process, and we are always available to support you, resolve your questions, and present updates and new developments through our distributors and support team.

AUDACES | Software

Explore the transformative potential of Audaces software in renewing your approach to collection creation and management. This comprehensive software suite enables you to maximize your creative capabilities while significantly improving operational efficiency. It offers a wide range of tools designed to simplify various processes, from the initial planning stages to obtaining markers that make the most of the fabric. With specialized modules for **Patterns, Grading, and Marking**, Audaces accelerates your workflow, resulting in greater project profitability and more efficient operations.

PATTERN

Create accurate patterns and grade sizes with ease directly on your computer.

GRADING

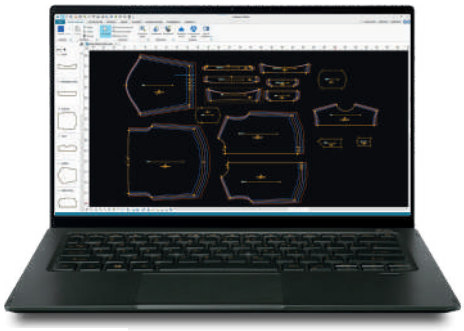
It offers several grading methods.

MARKER

Increase efficiency by automatically creating fabric markers.

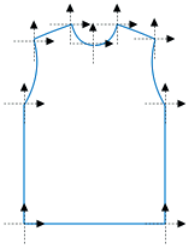
YOUR DIGITAL SUPPORT FOR CREATION AND PRODUCTION

Audaces **Pattern**

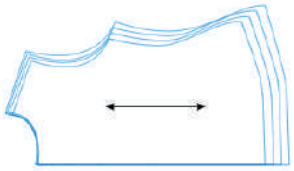


Audaces Patterns offers solutions that ensure flawless execution of your collection. You can dynamically develop high-quality, precise patterns, regardless of complexity, sizes, or details, all directly on your computer.

- Cut down timings and increase productivity.
- Enhance your work process with our user-friendly, intuitive interface.
- Develop digital patterns 70% faster than manual pattern-making.
- Automatic size charts.
- Powerful functions and tools for modeling.
- Reduce paper and fabric waste.



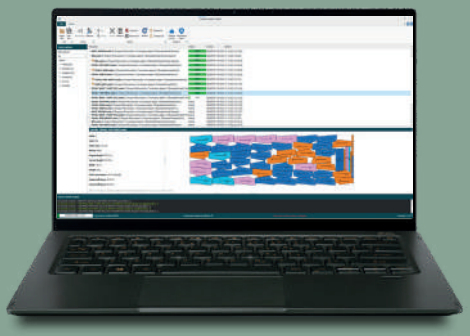
Audaces features an intuitive interface that allows you to easily and swiftly create patterns with confidence, grade, and modify existing bases directly from your computer.



It simplifies the sewing process by cutting the pattern, providing a range of possibilities for the professional to choose the cutting line and the direction in which it will be made, among other options.

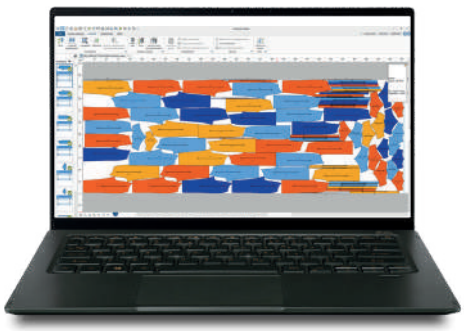
Audaces **Grading**

Optimizes large-scale production, reduces errors, and enhances customer satisfaction by offering a wide range of garments in various sizes, ensuring a proper fit while maintaining aesthetic appeal.



- **Maintains the proper fit and proportions.**
- **Easier and faster grading.**

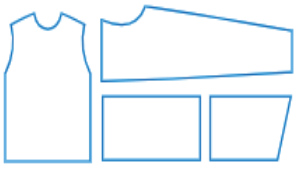
Audaces **Marker**



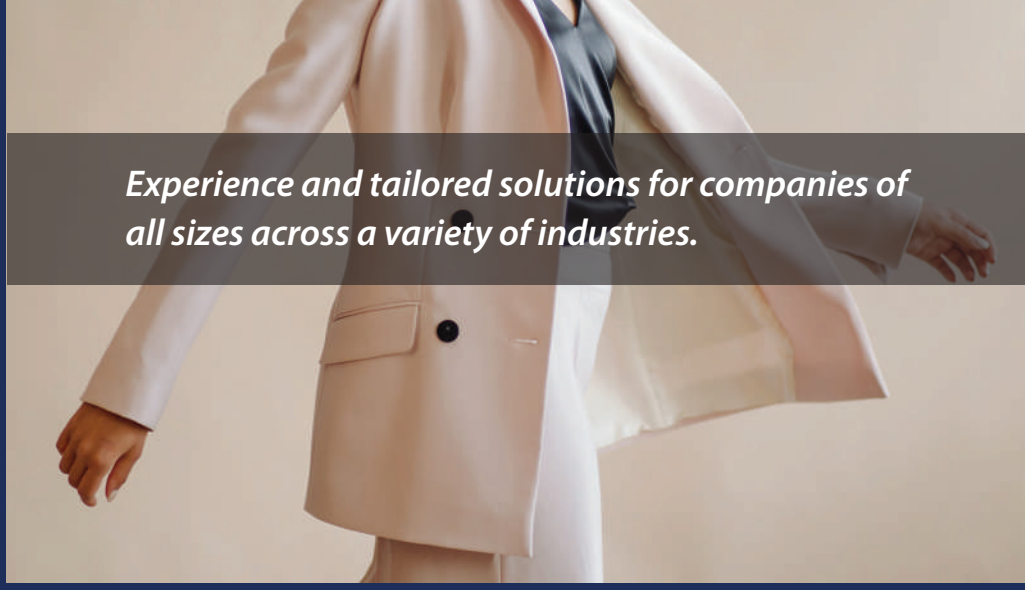
Raw material plays a key role in garment production costs. Optimizing this resource is essential for achieving profitability on a large scale. With Audaces Marker, every saved centimeter translates into meters of profit.

- Optimize your fabric usage by up to 13% compared to manual marking.
- Eliminate human errors such as duplicated or missing parts.
- Create perfect markers on printed fabrics, ensuring precise alignment.
- Accelerate your workflow, speeding up marking and cutting times.
- Save time, fabric and increase earnings.

Allows the computer to work for you by creating rows of markers and letting them be calculated automatically. It increases the number of algorithms for processing markers to achieve maximum utilization.



Customize your production by filling the patterns with prints for digital fabric printing. Save time and raw materials! Place the prints over the patterns and print only within the molds, which are automatically aligned with precision.



Experience and tailored solutions for companies of all sizes across a variety of industries.

FASHION

KNITWEAR

SPORTSWEAR

TECHNICAL CLOTHING

UNDERWEAR

UPHOLSTERY

TECHNICAL FABRICS

MEDICAL

NAUTICAL

AERONAUTICAL

Cutting Room 4.0

The cutting room of the future with our Industry 4.0 certified machines, which use the best of technology and automation far maximum efficiency process management.

With Audaces Cutting Room 4.0, the entire production is monitored with precise and integrated data, provided by smart, real-time and remotely accessible equipment.

LINEA

Optimize the spreading with the automatic spreader

NEOCUT

Cut to get the maximum efficiency with intelligent automatic cutting machine

CERTIFIED SOLUTIONS INDUSTRY 4.0

VELOCITY
PLOTTERS & CUTTERS

MACHINERY MANUFACTURED IN ITALY

AUDACES LINEA

Accelerate your production and marketing efforts with the Audaces Linea spreader. With just a few clicks on the machine's touch screen, you can program multiple spreadings in a single day, giving your company autonomy and dynamism, in addition to improved product quality.

» Get an automatic and programmable spreader.
» Achieve high productivity and top-quality spreading
» Ensure perfect edge alignment
» Automatically calculate the meters of fabric used
» Rely on our fabric tension control feature

Technical features:

- Maximum speed: 100 m / min
- Useful spreading width: 180, 220 and 240 cm
- Roll weight capacity: 50 kg and 100 kg
- Roll diameter: 60 and 80 cm
- Maximum spreading height 22 cm
- Cradle with belts and automatic lift
- Color touch screen with self-diagnosis system

Standard accessories:

- Electronic fabric tension control system
- Selvedge alignment by photocells installed on a mobile base
- Memorization of different spreading programs
- Cutter with variable speed and automatic lift

Optional accessories:

- Fixed catcher
- Movable catcher
- Folding unit (zig-zag)
- Kit for inverting rolled fabrics for spreading
- Table for spreading of relaxed fabrics
- Accessory for elastic fabrics
- Kit for spreading bulky rolls outside the cradle
- Accessory for tubular fabric
- Multi-cut spreading software with variable colors
- Network connectivity
- Roll loading systems

NEOCUT BRAVO

Upgrade your production process with the Audaces Neocut Bravo conveyor cutter, which boasts innovative features and cutting-edge technology, as well as being recognized as a very reliable system with reduced maintenance and management costs.

A modern machine, with a simple and user-friendly interface and the best 4.0 technology, Neocut Bravo is the perfect solution to make your production processes seamless. Get maximum precision cutting from the first to the last layer and monitor your production directly from your smartphone.

- » Achieve high-precision cutting from the first to the last layer with zero-buffer cutting between pieces.
- » Cut heavy materials and handle delicate fabrics gently thanks to continuous blade monitoring.
- » Rely on top-quality components from leading suppliers in the market.
- » Enjoy a simple and intuitive interface.
- » Get the best cost-benefit ratio on the market.

Technical features:

- Cutting height: versions up to 6 and 8 cm of compressed material
- Useful cutting width: 180, 220, 240 cm
- Ethernet / Wireless Network
- Electrical specifications: three-phase 380 V 50/60 Hz
- Pneumatic specifications: 150/300 l/min (6 bar)
- Electricity consumption: from 6 to 9 kWh when fully operational
- Maximum cutting speed: 100 m/min
- Maximum blade vibration 4.500/6.000 rpm
- Noise: less than 75 dB
- Weight: approximately 3.200 kg
- Compatible with any CAD system via ISO, TXT, GBR and CUT file format

Standar Accessories:

- PC (Personal Computer)
- Operator dashboard
- UPS (No-break) 1400 VA 800 W
- Digital variable vacuum
- Electronic plate with sensor for material height measurement
- Automatic synchronization with conveyor spreading table
- Vacuum filter
- Chimney
- Resealer (cover sheet)
- Remote access system (remote assistance)
- Audaces Neocut Mobile App
- Configuration and cutting parameters record
- Daily productivity information and reports
- Cutting queue management
- Optimization of the cutting perimeter
- Sharpening of the blade by grinding stone
- Automatic blade change warning
- Cutting of the residual fabric
- Video preview of the marker
- Real-time control of the position in the conveyor advances
- Scale factors change
- Special system for cutting fabrics with patterns (pattern-matching)
- Possibility of prioritizing small pieces cutting
- Possibility to configure perimeter cutting order and notches

Optional Accesories

- Hot drill with adjustable temperature
- Punch for drilling (from 2 to 8 mm)
- Knife cooling system for cutting synthetic fabrics
- Sensor to detect fabric hardness
- Intelligent knife (system for identification and correction of blade deflection)
- Electronic management of the plate pressure
- Sensor for automatic measurement of the blade thickness
- Structural system for heavy duty materials
- System for wadding cutting
- Motorized lateral movement
- Continuous cutting
- Labeling and identification system of cut pieces
- Special knife for cutting small pieces
- Bar code reader

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