

IMPROVE  
YOUR  
DESIGN



AUDACES

## AUDACES IS WORLD RENOWNED FOR TECHNOLOGICAL INNOVATION IN THE FASHION INDUSTRY.

For more than 25 years, we have created solutions that are easy to learn, use and maintain, which accelerate fashion creation, development and production.

We are audacious, our intelligence also fulfills the needs of other industries such as upholstery, shoes, furniture, transportation and other flexible materials.

We are partners and facilitators; we know that every client has a challenge, so we offer solutions that adapt to different needs.

We are global, leaders in Latin America and we are present in over 70 countries around the world. More than 40,000 fashion professionals use the products of Audaces daily.

We innovate starting at the development of accessible solutions, guaranteeing the deployment of the technology in an agile manner at companies of all sizes.

“ **The future belongs to those who innovate every day, who venture into new businesses. This is what Audaces believes, this is the reason for its existence.** ”

**Claudio Grando**, CEO of Audaces

Our mission is to innovate starting at the development of accessible solutions, guaranteeing the deployment of the technology in an agile manner at companies of all sizes.

The multi solution **Audaces360** and **Cut Room 4.0**, have multi connected revolutionary technologies for those who want to enter the industry 4.0 world. To innovate is in **Audaces'** DNA. Every director, manager, and employee is motivated to include innovation in everything they do, seeking to offer solutions never seen before.

Our goal is to help your company produce more and better. Regardless of size, style or geographical location. With solutions from **Audaces**, your company can increase design, increase productivity, improve product quality and save resources.



Our main research and development plants:



# TRENTO/ITALY

MECHATRONICS  
TECHNOLOGY  
INDUSTRY IN THE  
COUNTRY OF FASHION

In Italy, the creative fashion center of the world, believing in the transformation force of design, we are in the region of Trento, one of the most important poles of mechatronics technology in Europe.

# FLORIANOPOLIS/BRAZIL

TECHNOLOGICAL  
PLANT IN A CITY  
THAT BREATHES AND  
INSPIRES FASHION.

In a charming landscape **Audaces** is located in one of the main technology centers of the Americas, in the capital of state that breathes and inspires fashion.



# 360

## SOLUTION

### THE MOST COMPLETE SOLUTION IN SYSTEM FOR THE 4.0 INDUSTRY

We are audacious. That's why we created **Audaces 360**, an innovative concept that integrates the creation and production areas for you to achieve the success of your collection. A complete solution for you to generate more results, optimizing creative talent and resources through information and practicality. In fashion, all companies have a great challenge: to be assertive in design and profitable in production. **Audaces 360** is the ultimate platform you need for your business to meet and exceed this challenge.





# PLANNING

Plan, organize and manage your collection.

With **Audaces 360** you can manage product development steps by integrating all the processes required for the success of your collection.

Comprehensive, flexible, and easy to use, **Audaces 360** keeps all areas informed and focused on workflow, goals, and deliverables. The result is the assertiveness of the products and the profitability of your collection.



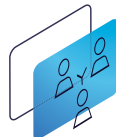
## Agile real-time management

**Audaces 360** collection manager provides a managerial view of team performance and progress of planned deliveries to ensure a collection on schedule and at the expected cost.



### Collection map and approvals

Create your collection map in a simple way, with a view of the mix and costs, speeding up the approval of the models that will be produced.



### Standardization of processes and workflow

Provide a clear view of the steps your team must take. Keep track of the progress of each garment in the collection, steadily improving the workflow.



### History

Store all garment-related files in a single, secure environment and create an organized history of garments and collections that will easily be located and reused in future collections.



# STYLE

Unleash your imagination and draw amazing clothes on your computer in 4D.

In **Audaces 360**, with 4DAlize technology, you create incredible clothes and make ideas minutes after imagining them, directly on a three-dimensional mannequin.

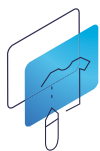
## The only one with 4D

4D represents the dimension of design, which connects to the three-dimensional human vision - a concept of the future of fashion brought by 4DAlize technology and integrated in **Audaces 360**. [www.4dalize.com](http://www.4dalize.com)



## Audaces Innovation: 4D pre-pattern

With 4DAlize technology you can extract pre-pattern and accelerate the start of your work. The clothing is created directly in 4D already with real dimensions, and through cutouts, flat shapes are extracted for adjustment and refinement, delivering the final pattern quickly and with precise fit.



### Specific features for fashion design

Cut your efforts in half and produce double! With specific features you can create collections, increase your productivity and save time to innovate.



### Automated datasheet

In addition to making stylized and technical drawings, **Audaces 360** facilitates the communication between designers and pattern makers, generating complete datasheets with information on materials, activities and measurements.



### Create now knowing how much the product will cost

**Audaces 360** integrates the creative and development processes, allowing to simulate the cost of production of the piece at the time of creation.

# DEVELOPMENT

Multiply your productivity and reduce costs with **Audaces 360**.

Your pattern making is definitely in the digital age with **Audaces 360**. Dynamically develop high-quality, accurate patterns, regardless of complexity, starting directly from the computer, digitalizing the patterns or extracting pre-pattern from 4D. Solutions that guarantee a perfect execution of your collection.



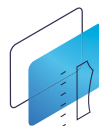
## Audaces Digiflash

Digitize patterns accurately and quickly, which become bases, and can be modified without losing the initial model. And most surprising, using only a digital photo it is possible to scan all the paper patterns of your model. Only those who digitize patterns at the speed of a flash can produce several models for each collection.



## Virtual Fitting Room

Streamline collection approval virtually. With the virtual reality feature, you can visualize your idea on a 4D virtual mannequin. In conjunction with 4DALize technology, it is the solution that brings your idea to life and increases assertiveness of the collection.



## Speed and precision

**Audaces 360** has an intuitive interface that allows you to simply and quickly create patterns safely, scale and modify existing bases, right on your computer.



## Digitalize your patterns

Paper patterns? Organize your work. With **Audaces 360** digitalize them with just one click. The digitalized patterns are perfect and extremely easy to work with.



# PRODUCTION

## Get excellent markers that make the most of the fabric.

The raw material has a significant weight in the cost of a piece and optimizing this feature is critical to achieve profitability on a large scale. Saving time can mean meeting delivery deadlines and increasing the speed of marketing of collections.

**Audaces 360** has plug-in options that save time and raw materials by managing and processing marker queues sent by one or more computers. Saving centimeters of fabric turn into meters of profit.



### Economy and productivity

In a few minutes your marker is ready. Plan the cutting order, prioritizing the markers according to production needs. Indicate which markers should be calculated first automatically. Set marker blocks easily.



### A marker server that provides convenience and speed

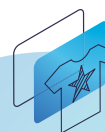
Let the computer work for you, creating queues of markers to be calculated, keeping the workstation free. Increase the number of algorithms to process the marker, achieving maximum efficiency.



### Audaces Jet Lux

Use **Audaces** intelligence to print perfect marks, saving time and resources. See the advantages:

- Specialized technical assistance
- Economical and very quiet
- Automatic voltage system
- Sensors for paper and cartridge shortage
- Low maintenance cost
- Cost-effective print cartridges



### Marker of digital prints

Customize your production with unique designs by filling in the patterns with images of prints for digital fabric printing. Save time by avoiding rework in the manual positioning of the patterns on the prints. Save raw material by printing only inside the patterns that are automatically marked with precision and maximum utilization.





# SALES

From inspiration to the success of your brand, count on **Audaces 360**.

You will only be able to develop a successful collection with technology that ensures process optimization and integration. Delivering on time and on budget are essential factors to ensure your profitability.

In addition, with **Audaces 360** you make sure that your company maintains an engaged team using the latest technology in the fashion industry.

Give wings for your company to fly high, sell more. Use **Audaces 360** - intelligent and complete.

## Audaces 360, conexão com você o tempo todo.

In one easy and fast platform, you can access all the knowledge and receive the support needed to fully exploit the features of **Audaces 360**.



### Knowledge base

With easy-to-learn tutorials, plus demo videos. Constantly trained users, ensuring continuous growth of your company.



### Shared experience

In the **Audaces Community**, contact a true legion of users. **Audaces** contributes to the training of professionals in more than 400 educational institutions around the world.



### Multi-channel service

Technical support via telephone, email or chat. Specialized professionals guarantee a high level of satisfaction.

# 4.0

## INDUSTRY

### AUDACES CUTTING ROOM LEADS YOUR COMPANY TO INDUSTRY 4.0

The innovations developed by **Audaces** are already anticipating the future of the Industry 4.0 in fashion, where all process management can be done with accurate, integrated data provided by intelligent equipment in real time and with remote access. This means that your production may literally be in the palm of your hand. On your smartphone, for example. It's the Internet of Things (IoT) coming into your industry. With short lead times, new product demands and an increasingly competitive market, the fashion industry needs to adapt and respond to those changes quickly. When we talk about cutting, delivery on time, and perfectly cut pieces, we talk about **Audaces Neocut Bravo**.



Planning,  
management and  
control of the  
Cutting Room 4.0  
with more  
reliability.



## Audaces **ICF** - **Intelligent Cutting Flow**

**Audaces ICF** connects people and equipment of your cutting room. It is the evolution of the Industry 4.0 bringing the ideal solution for the planning and management of spreading, cutting and bundling.

With **ICF**, the manager receives the orders for pieces to be produced, scheduling the cutting orders with the number of spreadings, layers, markers and amount of fabric that will be needed to cut the pieces. **ICF** monitors and alerts if there is any difference between

what was planned and carried out.

The real-time monitoring of the production status of each cutting plan allows immediate decisions to be taken to act in critical situations that may lead to a loss of productivity: as in cases of defective fabrics, larger or smaller rolls than reported, etc. If there is a difference in a spreading, generating less pieces than planned, for example, it is possible to prioritize the generation of a new marker / spreading to fill the missing quantity.



## Learn more about the main benefits of **Audaces ICF - Intelligent Cutting Flow**

### **Spreading - 100% connected**

The operator receives information directly on the spreading machine, in order of priority, informing which rolls to use, and other information necessary to perform its task. If he finds a defective roll, for example, he will immediately inform this situation to the cutting room manager. The overlapping points appear directly on the spreading screen, so adjustments can be made quickly and accurately. The result is more efficiency and quality in the spreading.

### **Labeling - safe identification of cut pieces.**

The labeling system ensures the correct identification of cut pieces quickly and simply at the cutting machine. The labels are stuck directly to the cut fabric and have several information such as pattern name, size, lot, customer, variants, whether it has a print or embroidery or other finish, etc. Information can be configured according to each user's standard.

### **Bundling - guarantee of efficiency in the stages after the cutting**

The correct identification of the bundling of cut parts is made clear and simplified, making the process of separation and forwarding to the next steps much more efficient and safe.

### **Efficiency - reduction of production time.**

The assertiveness of your production increases, because the information starts to flow digitally, reducing the insertion of handwritten information and minimizing the human error that generates rework.

With **ICF**, all the people in charge can follow the whole process of the cutting room, from the creation of the markers until bundling, through information in real time allowing immediate decisions.

The elimination of the plotting process and the correct identification of the pieces after the cutting promotes a cumulative gain of time, increasing the performance of the entire production line.



# The world's smartest and safest cutting machine.



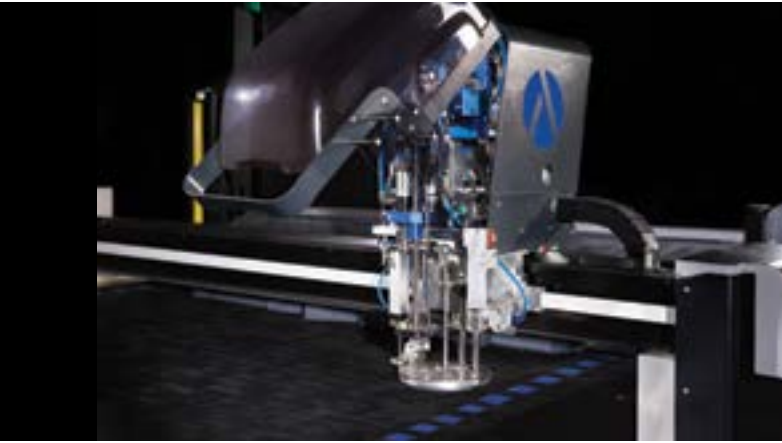
A global project.  
The only one  
manufactured  
in Italy and Brazil.

**Audaces Neocut Bravo** is an Industry 4.0 machine. With it, the time, day, week and month of production are timed, aligned with your company goals and automatically provided for you to make decisions in complete safety.

The continuous monitoring of the working conditions allows remote maintenance, tele diagnosis and the quick resolution of any situation.

Manage better with the intelligence of **Neocut Bravo** integrated with the **Neocut Mobile** application to prevent losses and speed up your production. Keep up to date in real time to produce more.





The cutting head of **Audaces Neocut Bravo** is a true electronic brain.

More than 300 sensors ensure that **Neocut Bravo** adopts the best cutting condition for different types of materials and different spread heights. With all these sensors, the productivity and excellent execution of the projects are assured, without losses, in scale and with excellent finishing.



Zero spacing and high cut quality.

Cutting with zero spacing between the patterns, the machine sets the starting points automatically, guaranteeing cutting quality from the first to the last layer, with maximum use of raw material.

Robust for cutting heavy materials and delicate for lightweight fabrics.

The Intelligent Blade system and sensors enable **Neocut Bravo** to accurately cut dense or light materials. The deflection of the cutting blade is monitored continuously to ensure the perfect cut, regardless of the complexity of the patterns or the characteristics of the fabric. Contours, markings and notches are made with precision.



## Safety is not a mere detail in **Neocut Bravo**.

**Neocut Bravo** is the safest cutting machine in the world. It interrupts its operation as soon as the machine's work area is invaded. The operation restart is automatic and instant, at the point that it stopped at, without the intervention of the operator.

Quiet, **Neocut Bravo** makes as little noise as possible for a cutting machine and maintains harmony in the workplace, interfering less with team communication.

## Simple and intuitive Operation.

Easy to use and easy to learn, **Neocut Bravo** has an interface that makes it easy to learn all of its features.

## The best cost-benefit ratio in the market.

Manufactured with commercial electronics and first-line parts, **Neocut Bravo** guarantees low maintenance costs and energy savings.

## More time for your business to grow.

**Audaces** solutions guarantee agility and time gain in the processes of spreading and cutting. We save your time so that you can plan the growth of your company.



### Technical specifications:

- Cutting height: versions up to 6 and 8 cm of compressed layers
- Useful cutting width: versions up to 180 and 220 cm
- Electrical Specification: 3-phase 380 v 50/60 Hz
- Pneumatic specification: 150 l / min (6 bar)
- Communication: Ethernet / Wireless
- Maximum cutting speed: 100 m / min
- Noise: less than 75 dB
- Average power consumption: 9 kW
- Approximate weight: 3,200 kg
- Optionals: knife cooling, lateral movement, hot and double drill, intelligent knife, post print label, continuous cutting, security laser barrier



## Audaces **Linea**

**Audaces Linea** automatic spreader accelerates the production and marketing of your products. Schedule multiple same-day spreads with simple touches on the machine's touch screen. Your company will gain dynamism, autonomy and raise the standard of products.

Do more and better with the automatic fabric spreader.

### **Fabric layers quality**

In addition to aligning the edges, **Audaces Linea** has the intelligence to count the length and number of layers established for each spread. It is also possible to interrupt the spreading process by identifying any fabric failure and either resume from the zero point or continue from the current point.

### **Low maintenance cost**

Manufactured with commercial electronics and first-line parts easily found on the market. And you even have specialized technical assistance.

### **Tension control**

The spreads are made without tensioning the fabrics (or other materials). The machine is parameterized according to each material, ensuring quality in the finished piece.

### **Technical specifications:**

- Useful working width: versions up to 180 and 220 cm
- Maximum roll weight: versions up to 50, 100 and 200 kg
- Maximum speed: 100 m / min





## Audaces Neocut SL

Make custom and exclusive designs with industrial scale.

**Audaces Neocut SL** cuts a variety of patterns in fabrics and flexible materials, fed continuously, for a fast and economical production.

### **Versatility. A strong point of Neocut SL**

Flexible and adaptable, **Audaces Neocut SL** combines the use of different types of tools to perform cuts. With this, you get the best result for each application.

### **Continuous cutting for increased productivity**

With the continuous feed system, save more material and increase your productivity in custom cuts. The intuitive and easy-to-operate interface of **Audaces Neocut SL** allows simplified operation to start cutting quickly and without hassle.

### **Ready for the digital print cutting**

An advanced computer vision system recognizes contour patterns of printed patterns

directly on the fabric, cutting automatically with precision and almost no need for operator intervention. (Scanning device sold separately)

### **Technical specifications:**

- Single-layer cutting machine
- Continuously rotating circular blade
- Cutting window: 160 cm x 250 cm / 180 cm x 250 cm / contact us for other sizes
- Electrical specification: 3-phase 380 v 50/60 Hz
- Communication: Ethernet / Wireless
- Maximum cutting speed: 75 m / min
- Noise: less than 80 dB
- Average power consumption: 11.5 KW
- Approximate weight: 780 Kg



## Audaces **Jet Lux**

Print patterns at high speed.

Companies that prioritize excellence use the industrial plotter **Audaces Jet Lux**. Use Audaces intelligence to print perfect markers, saving time and resources.

### **Benefits:**

- Specialized technical assistance
- Economical and extremely quiet
- Best cost-effective print cartridges
- Automatic voltage system
- Sensors for paper and cartridge shortage
- Low maintenance cost

### **Technical specifications:**

- Print width options: 120, 185 and 225 cm
- Speeds: 70 and 100 m<sup>2</sup> / h
- Paper Thickness: 40 g/m<sup>2</sup> to 80 g/m<sup>2</sup>
- Network (Ethernet) connection
- Input Voltage: 90 V ~ 240 V
- Maximum power consumption: 150 W



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