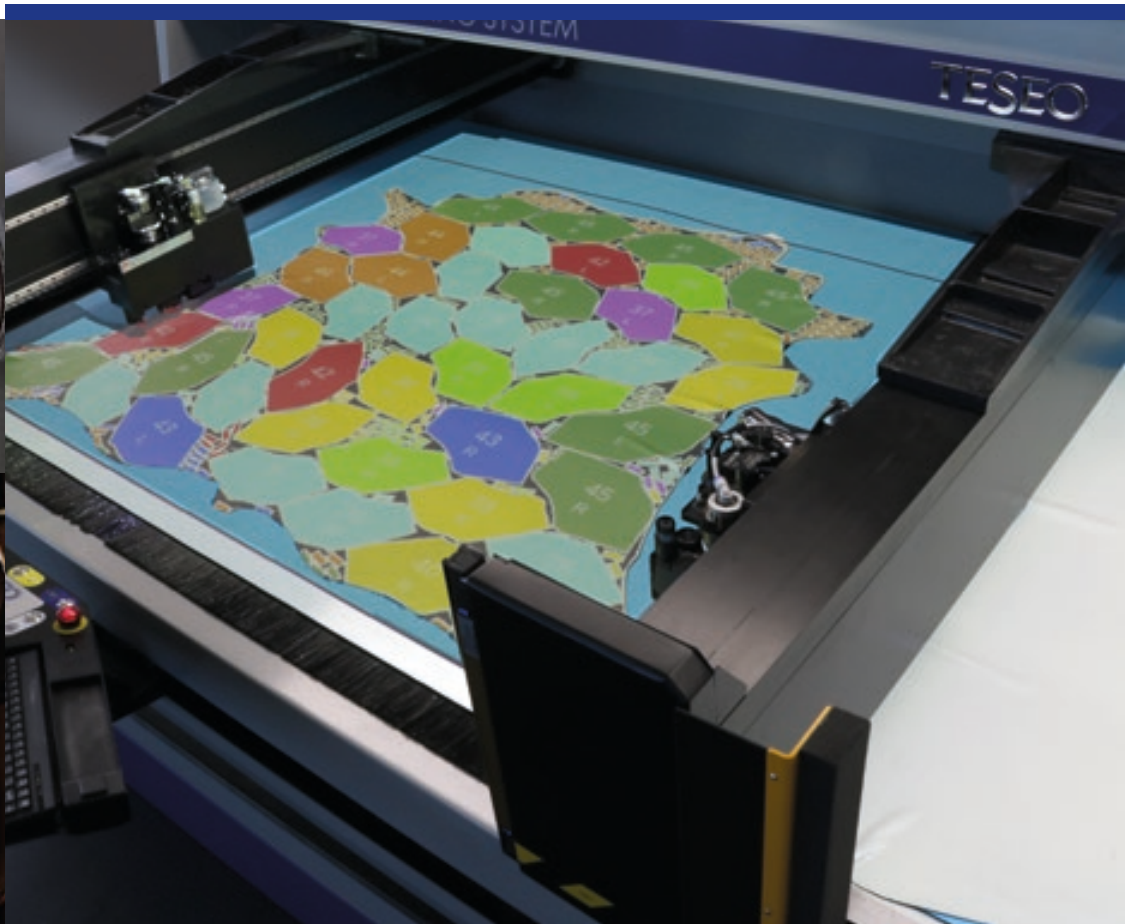
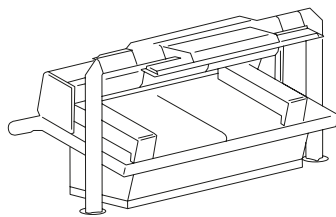


ABSOLUTE FLEXIBILITY FOR SMALL
AND MEDIUM PRODUCTIONS



FC4

THE FIRST AND
THE MOST WIDESPREAD
MACHINE IN THE WORLD
FOR LEATHER CUTTING



TESEO
OPTIMIZEYOURBUSINESS

FC4
SINCE 1993



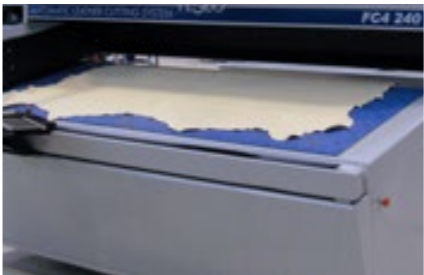
THE FIRST
AUTOMATIC CUTTER
WITH AN OSCILLATING
KNIFE FOR LEATHER

MORE THAN 3500 INSTALLATIONS
WORLDWIDE

FC4 240

ABSOLUTE FLEXIBILITY
FOR SMALL PRODUCTIONS

Fixed table machine for automatic leather cutting. Extremely flexible, it is the ideal solution for cutting samples, pre-series and small productions on leathers, synthetics and fabrics of all kinds.



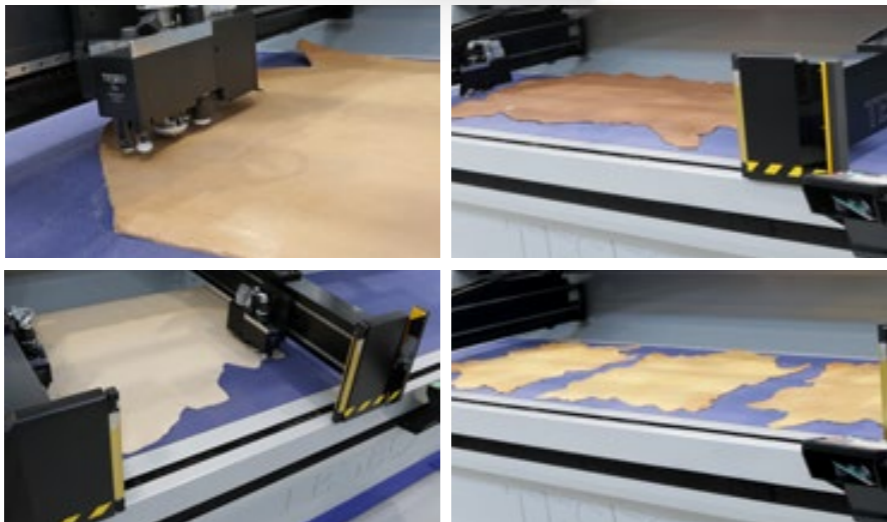
MODEL	FC4 240
HEAD	1
CUTTING AREA	2400 x 1000 mm
DIMENSIONS	3150 x 2210 x 1940 mm
SECTORS VACUUM	60
PROJECTORS	2 digital colour

The technical data shown are indicative. TESEO reserves the right to modify them, without notice, at any time.

1
CUTTING
HEAD



FC4 320 DUAL



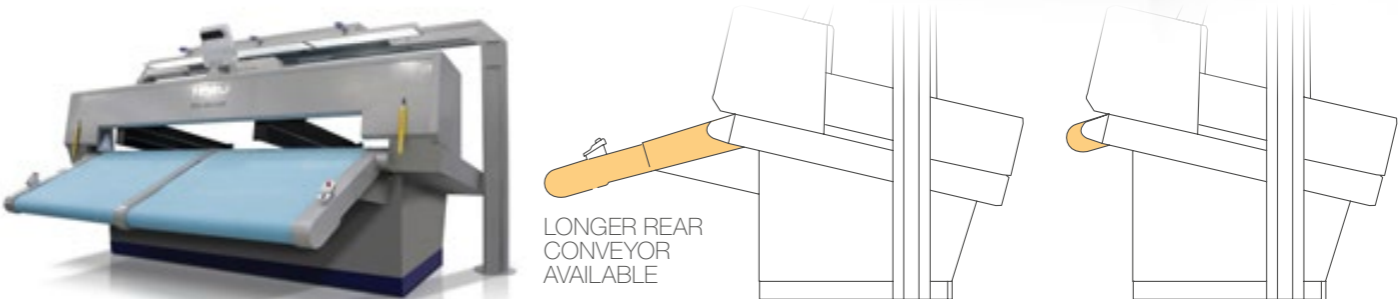
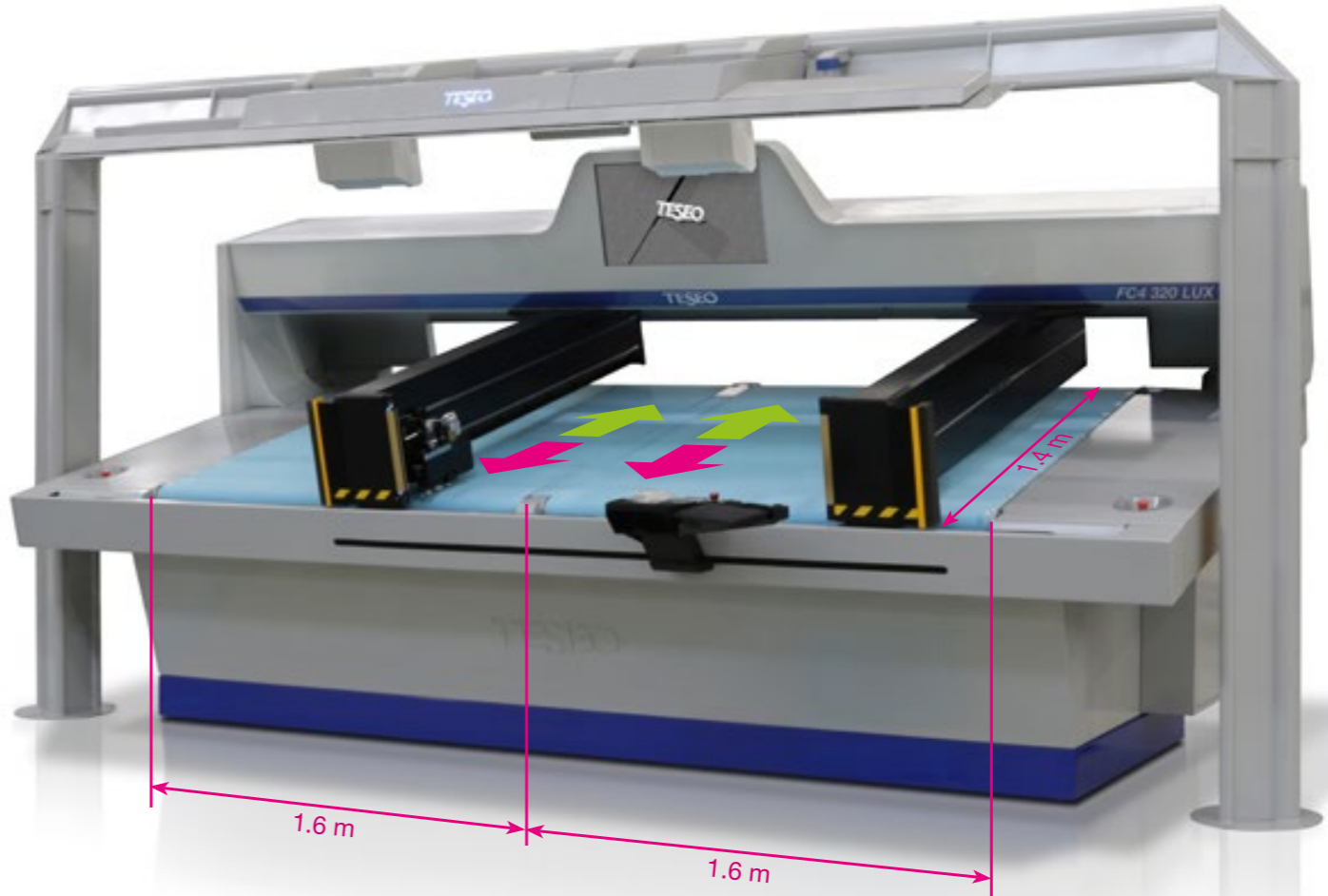
2
CUTTING
HEADS

MODEL	FC4 320
HEADS	2 (1 opt.)
CUTTING AREA	3200 x 1000 mm
DIMENSIONS	4090 x 2310 x 1940 mm
SECTORS VACUUM	96
PROJECTORS	2 digital colour

The technical data shown are indicative. TESEO reserves the right to modify them, without notice, at any time.

FC4 320 LUX DUAL

DOUBLE 1.6x1.4 m CUTTING AREA
WITH INDEPENDENT CONVEYORS



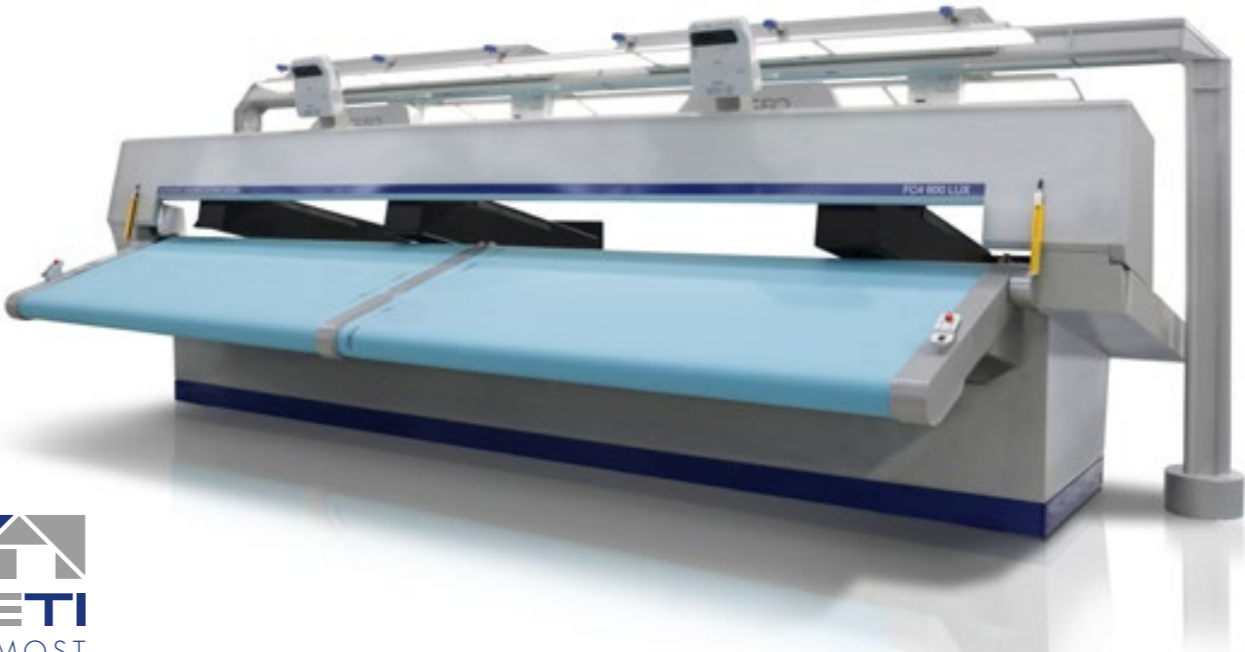
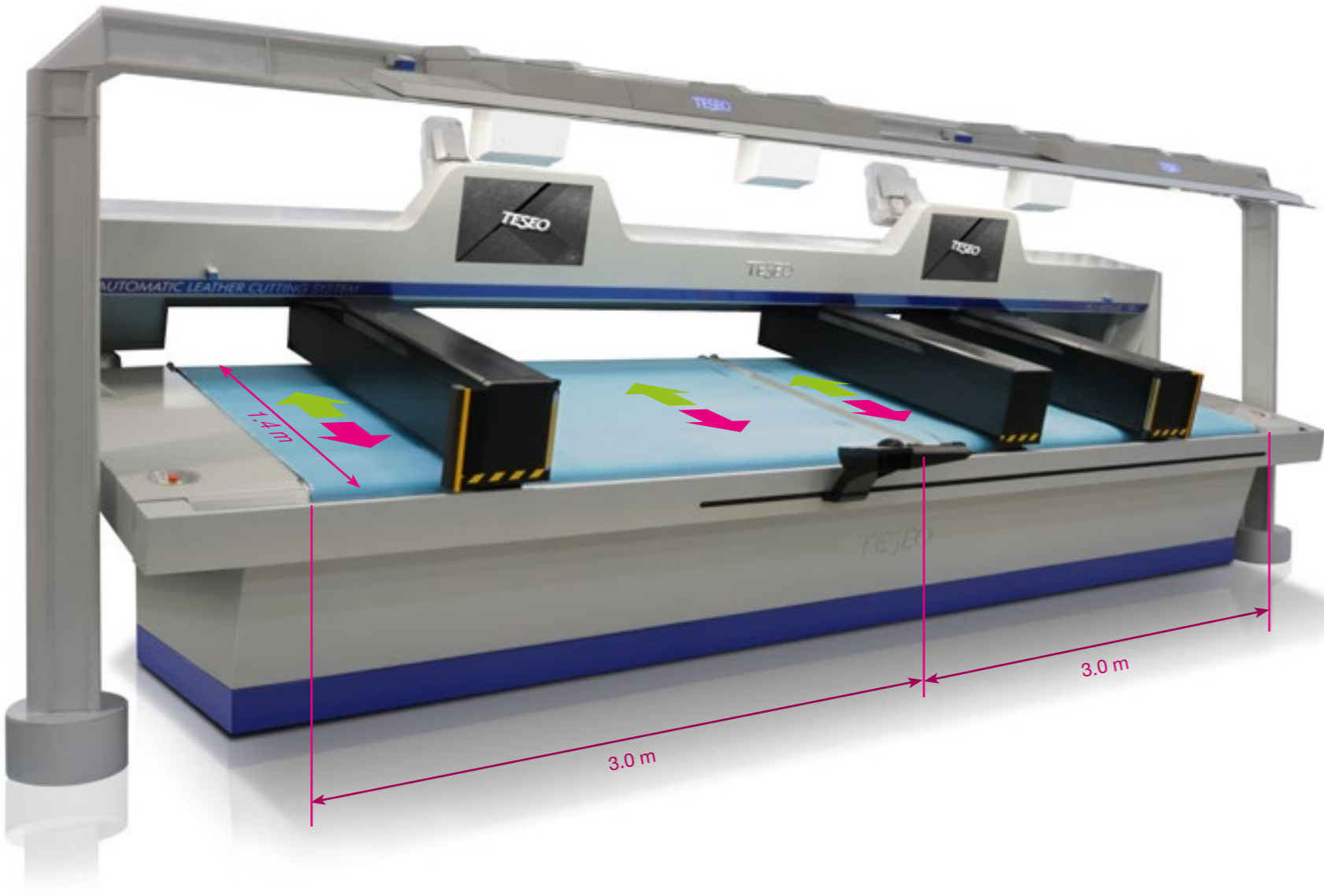
MODEL	FC4 320 LUX
HEADS	2 (1 opt.)
CUTTING AREA	1600 x 1400 mm X 2
DIMENSIONS	5000 x 2400 x 3410 mm
SECTORS VACUUM	112
PROJECTORS	2 + 1 digital colour

The technical data shown are indicative. TESEO reserves the right to modify them, without notice, at any time.

2
CUTTING
HEADS

FC4 600 LUX DUAL TRI

DOUBLE 3.0x1.4 m CUTTING AREA
WITH INDEPENDENT CONVEYORS



MODEL	FC4 600 LUX
HEADS	3 (2 opt.)
CUTTING AREA	3000 x 1400 mm X 2
DIMENSIONS	7800 x 3210 x 3550 mm
SECTORS VACUUM	210
PROJECTORS	3 + 2 digital colour

2 or 3
CUTTING
HEADS

The technical data shown are indicative. TESEO reserves the right to modify them, without notice, at any time.

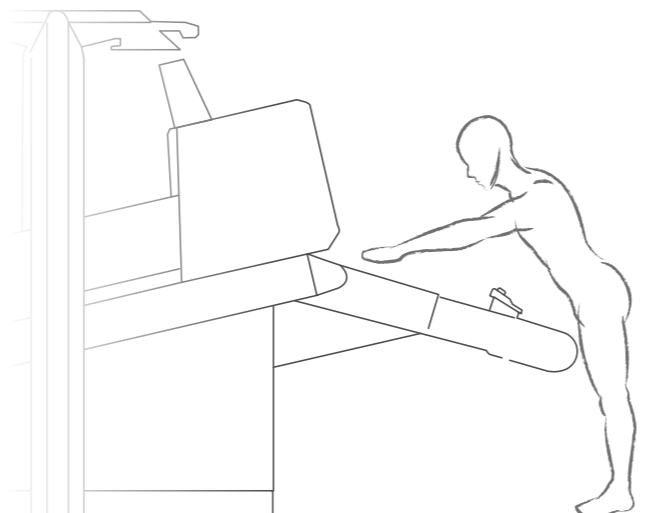


ASSISTED COLLECTION WITH AUGMENTED REALITY

Colored rear projection for assisted collection of cut pieces, recognizable by color, size and article.

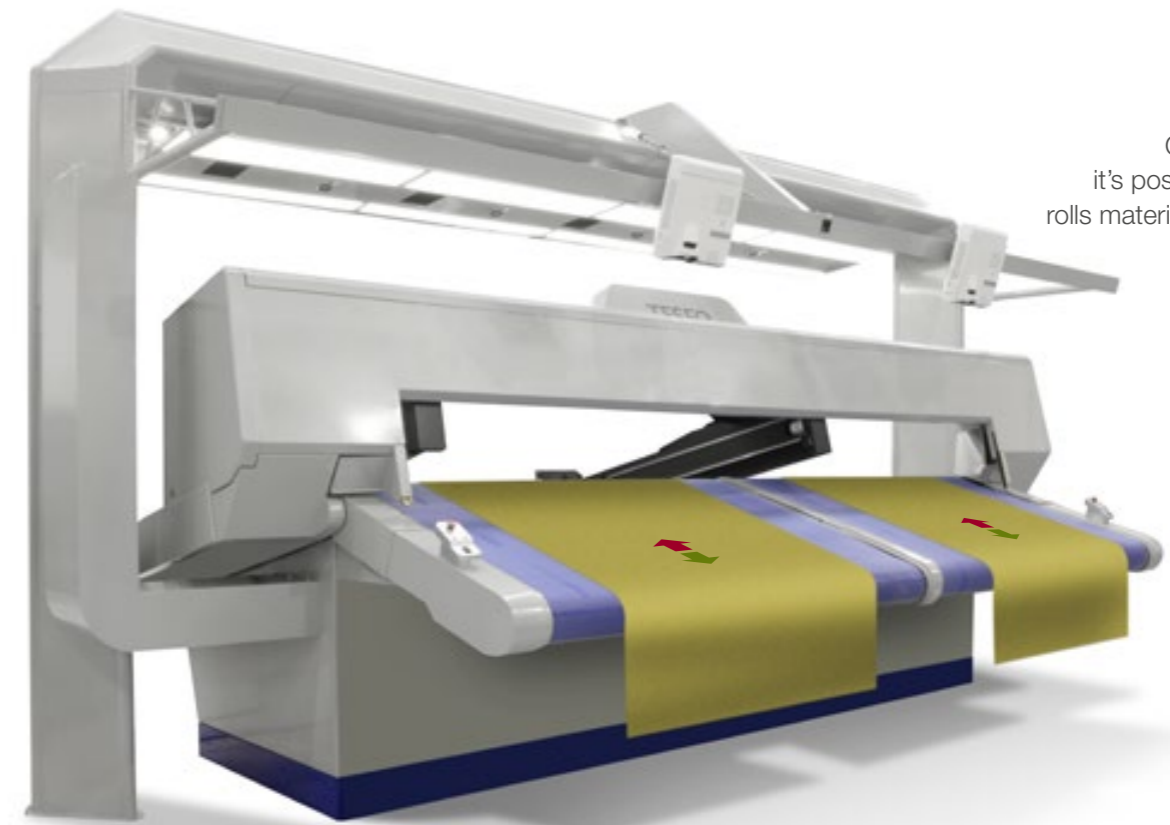
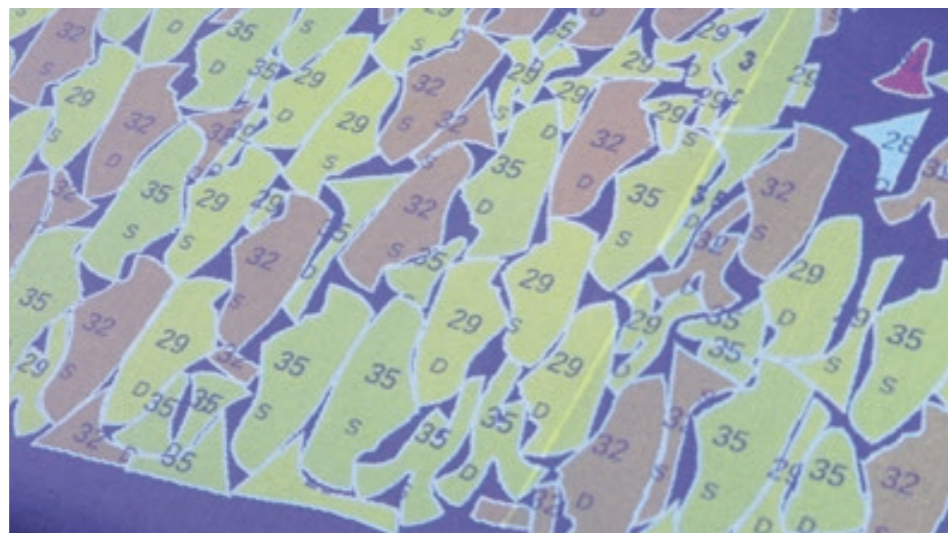


ERGONOMIC
Large in size but accessible, on a human scale



- size 28 ■
- size 31 ■
- size 32 ■
- size 35 ■

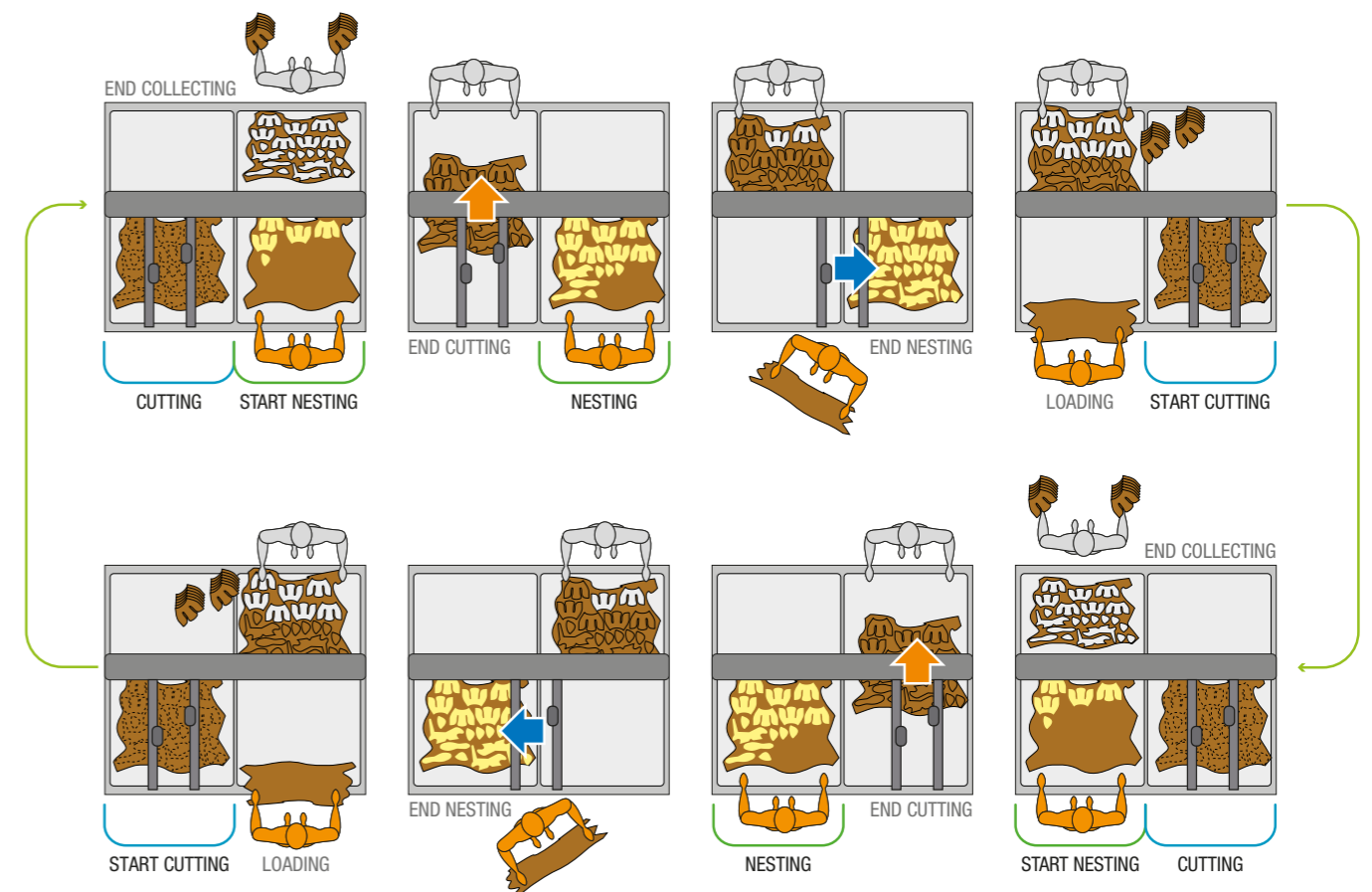
COLLECTING the cut parts is easier and faster when you can separate different items or different sizes by their colour, you also avoid errors assembling the product.



On the FC4 LUX it's possible to cut also rolls materials side by side.

NON-STOP WORKING

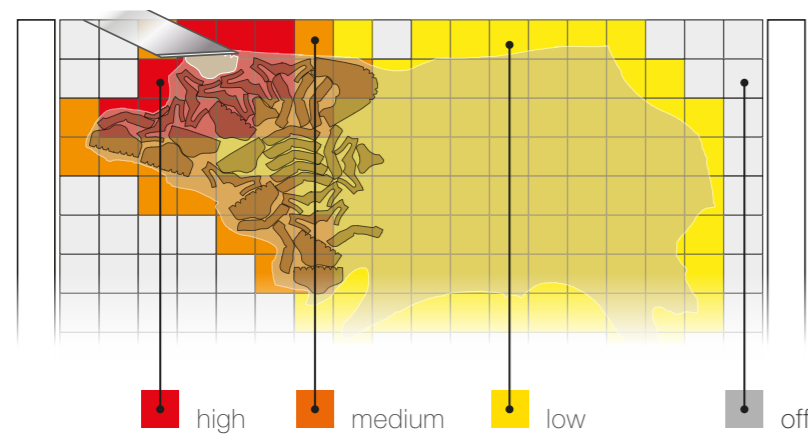
THE "PENDULUM" WORK ON THE DOUBLE AREAS AND THE REAR COLLECTION ALLOW TO REDUCE TO ZERO THE MACHINE STOPS.



VACUUM SYSTEM THE POWER IS IN THE AIR

The vacuum surfaces consist of **independent and dynamic small sectors**. They are led by a software that recognizes the shape of the material and the position of the cutting head. The system automatically activates, with different power, only those areas interested by the cutting operations.

With this **patent TESEO** focuses the suction only where it is really needed, for the highest accuracy and speed.



SUCTION POWER

The total or partial activation of the suction power is controlled by the microprocessor inside each DCV valve.



ENERGY
SAVING



LOW
CONSUMPTION
AIR



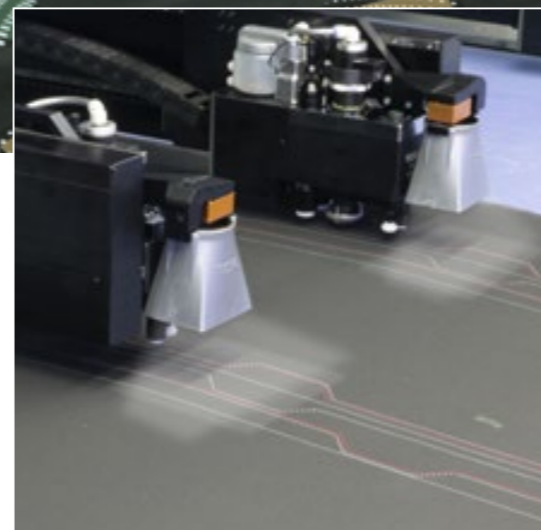
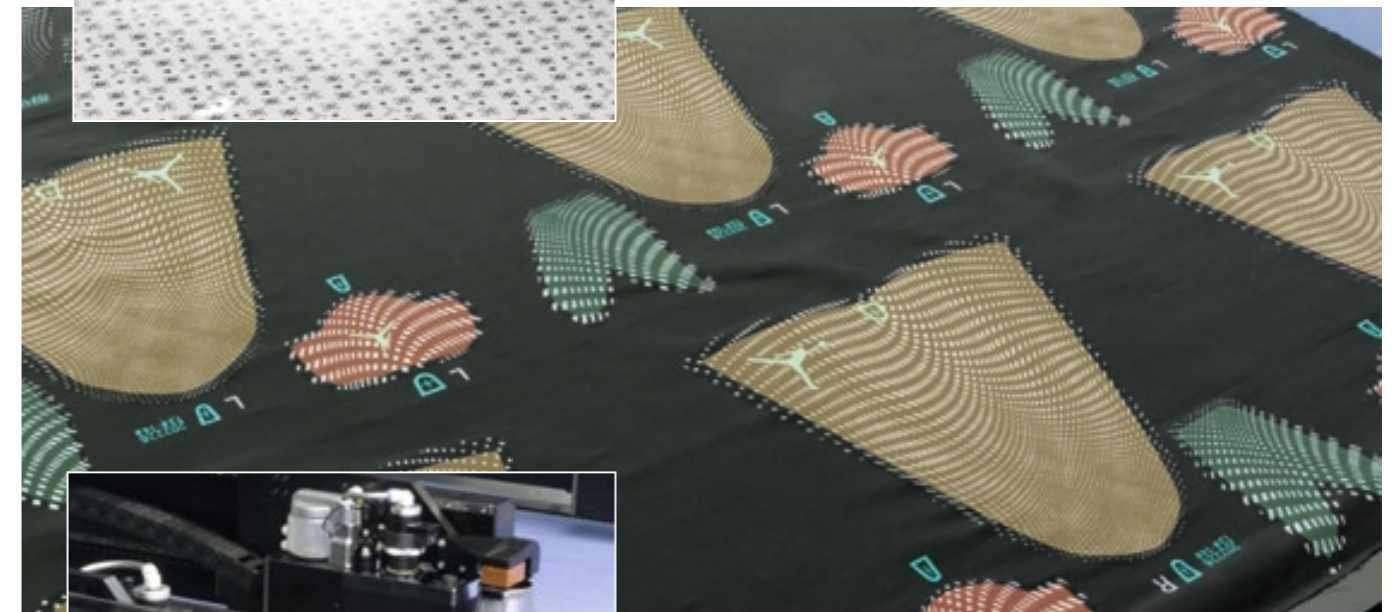
INTELLIGENT

The vacuum system activates **only the necessary sectors and requires** a low consumption vacuum pump (less than 15 Kw), saving up to **40%** of energy compared to all the other solutions.



A PRECISION OPTICAL RECOGNITION
SYSTEM DEVELOPED BY TESEO.

Installed directly on the cutting heads, it is able to **recognize any kind of pattern** of the material that needs to be cut: logos, textures, designs or lines.



Sherlock will automatically adapt in real-time the theoretical nesting to the actual pattern of the material, piece by piece.

High production with absolute accuracy.

Inspection on each piece with alignment and rotation in real time.



A dual optical sensor camera with powerful micro computer.
It processes 100 scans per second with 0,02 mm resolution.



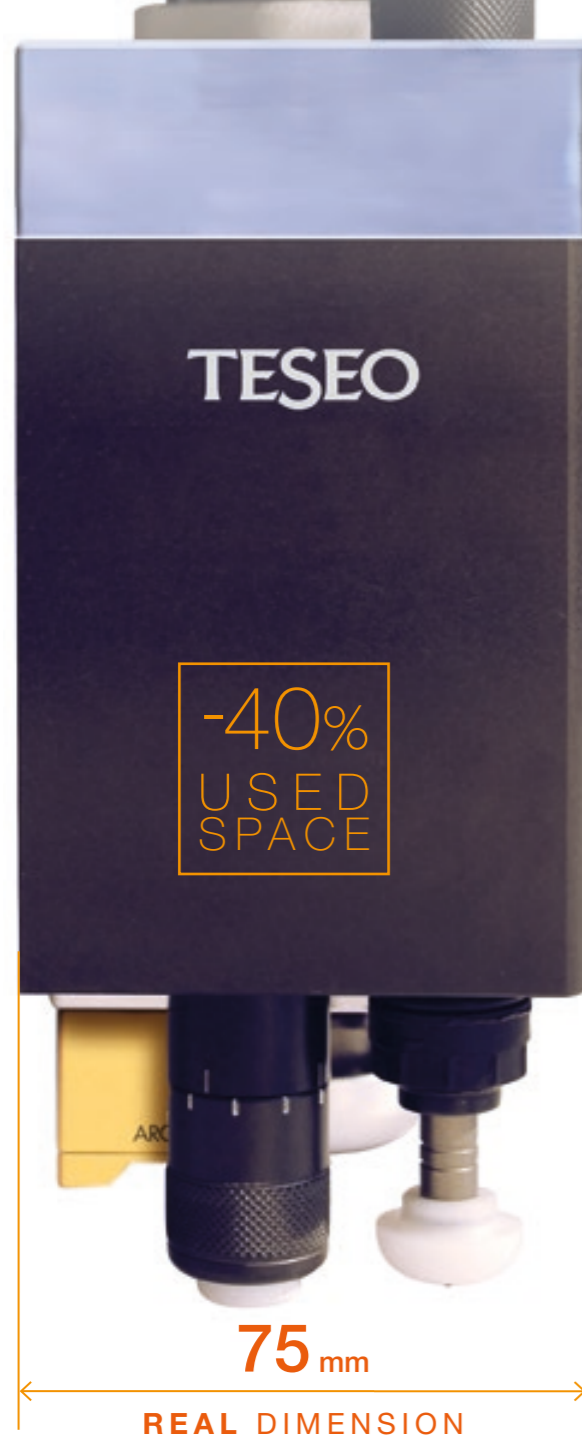
Thanks to the **3D vision**, ARGHON is constantly capable of measuring the wear of the cutting carpet and the hide thickness, detecting variations in height.



ARGHON recognizes the effective execution of cut and punches for an **automatic quality control**.



ARGHON recognizes details size less than **0.1 mm**. It enables a better recognition of **ROT** (Reference Optical Tag) for automatic hide re-positioning.



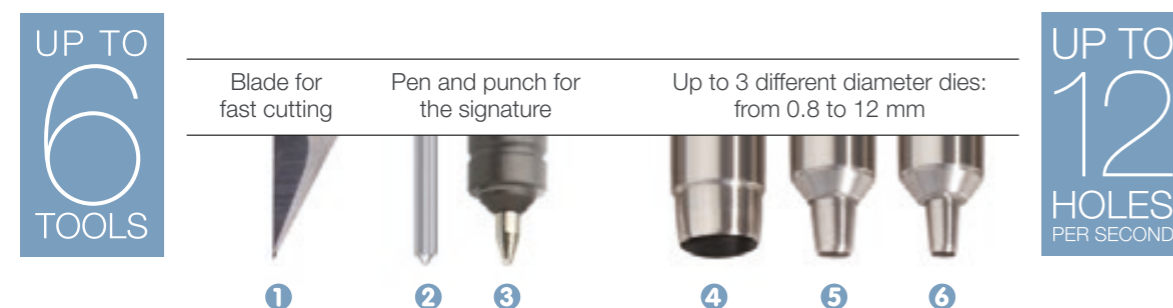
ULTRA COMPACT CUTTING HEADS

We concentrated the reknown reliability and performances in just **75 mm**.

The willingness to adopt more cutting head has stimulated the search for solutions designed to save space, so that the different heads could better interact.

The result is an exceptional head that occupies less space (**-40%**).

But not only: the small size and the increased mechanical stiffness give to this technological jewel a greater dynamism and an improved reliability.



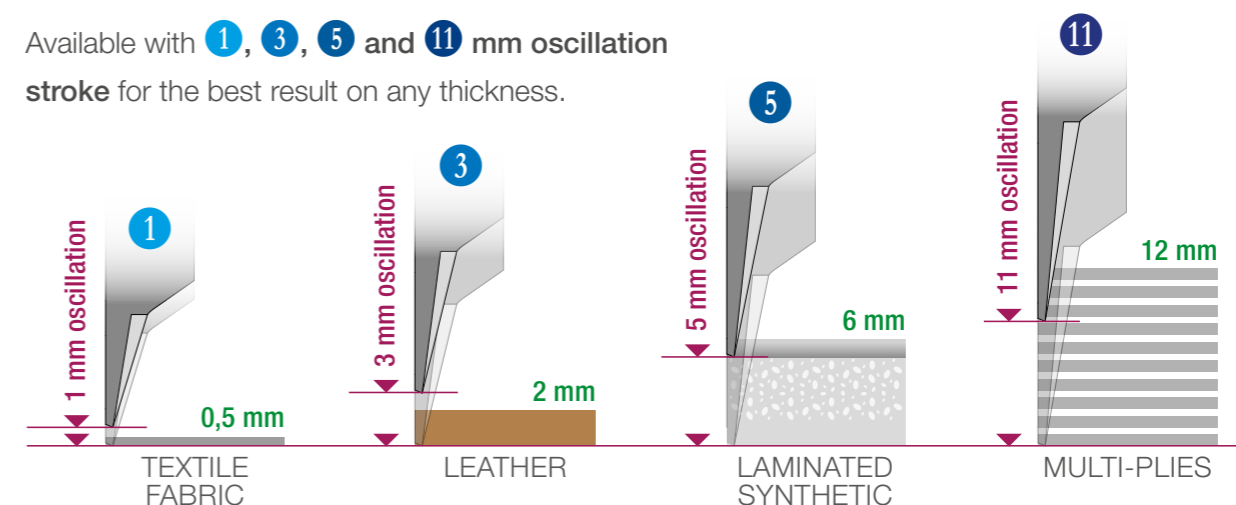
FAST AND ACCURATE CUTTING ON ALL MATERIALS

- Exclusive pneumatic oscillating knife with high oscillation frequency (up to **50.000 RPM**).
- Low consumption of compressed air of only **95 l/min** (other systems have 270 l/min).
- Time saving



Changing blade or oscillating knife in less than **45 seconds**.

- Available with **1, 3, 5 and 11 mm oscillation stroke** for the best result on any thickness.



SINCE **1993**

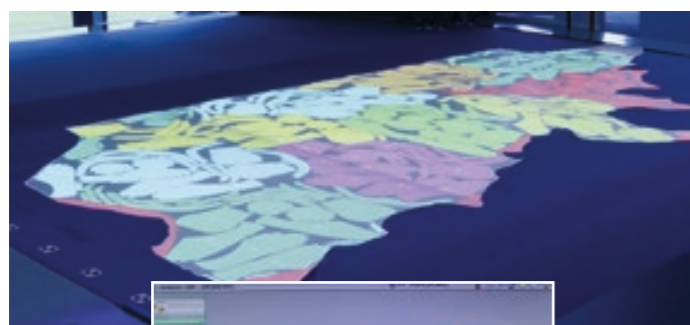
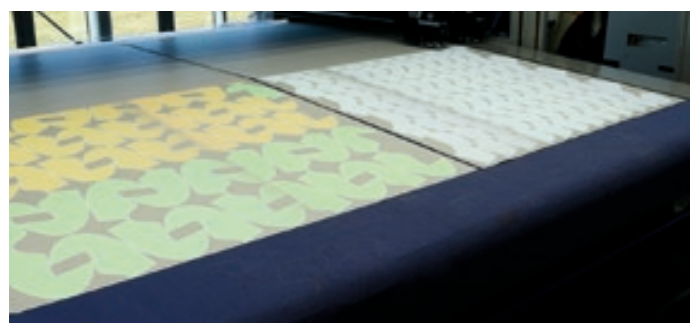
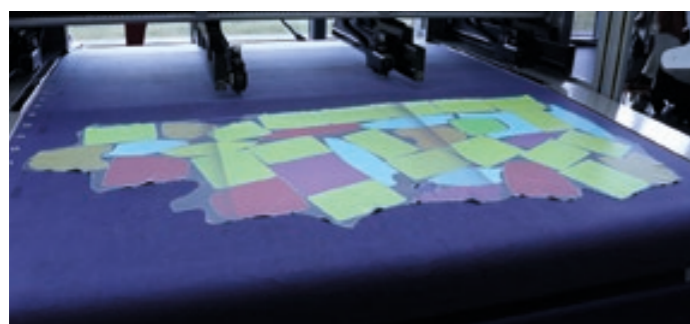
TESEO INVENTED THE FIRST OSCILLATING KNIFE FOR LEATHER





THE MOST EFFICIENT NESTING IN THE WORLD

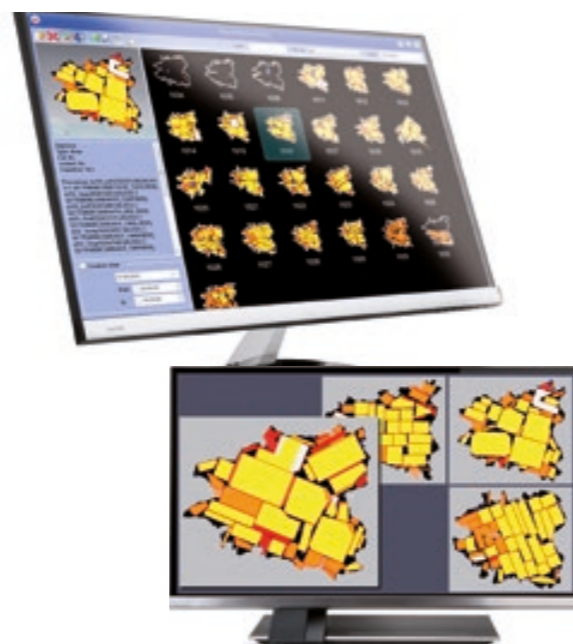
As the pioneer and inventor of the first automatic nesting software for leather, **since 1998** Teseo algorithms are the most sophisticated and efficient on the market. Compared to the others nesting systems it can guarantee **up to +6% in the saving of leather**.



METI HAS THE BEST STRATEGY

Sophisticated mathematical algorithms will place the pieces to be cut on the available leather, by optimizing the exploitation of the useful surface of the leather with a saving up to **15%** compared to manual.

SAVING
granted 3% medium 7% up to 15%



MULTI-NESTING SOFTWARE THE BEST POSSIBLE YIELD

To further increase the yield, METI allows you to make a multi-nesting by distributing the patterns of hides simultaneously, enhancing the interlocking and material saving that could not be achieved by working on one hide at a time.

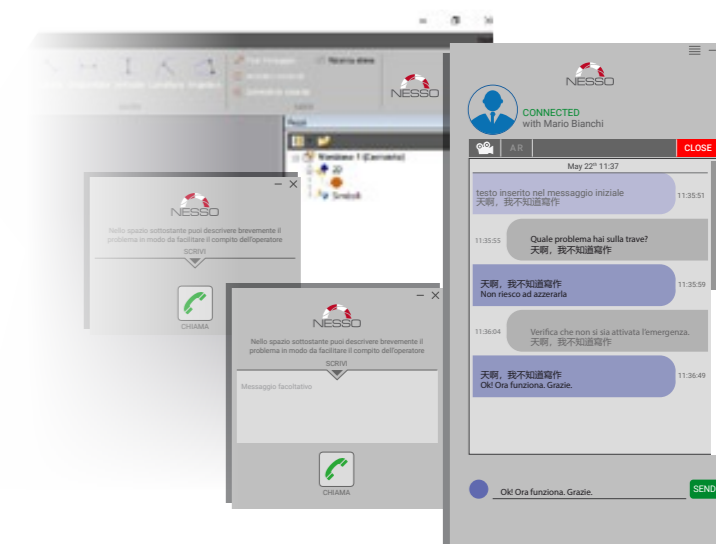


SUPPORT SERVICE ONE-TO-ONE DIRECTLY ON YOUR SYSTEM

Through our branches all over the world, **NESSO grants a REMOTE technical support in real time**, by avoiding any production stop. A solution to any problem or just a fast reply to a possible doubt.

DIRECT REMOTE CONTROL ONLY WHEN YOU NEED IN JUST 3 CLICK

- 1 Support request.
- 2 Connecting with TESEO support.
- 3 With your consent, a TESEO technician will operate directly on your equipment, even at thousands of miles of distance.





ISO 9001:2015

Certifies the Quality of the company in each of its process, in order to increase the efficacy and efficiency, to ensure a Quality product and obtain the highest level of Customer satisfaction.



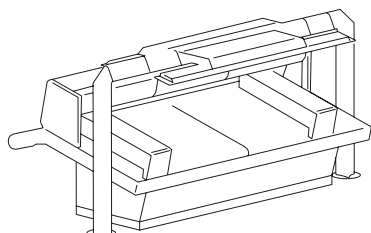
ISO 14001:2015

Obtaining Environmental certification means the commitment to limit environmental impact and reduce emissions, encouraging recycling and all the good environmental practices for a sustainable development.



ISO 45001:2018

A company certified according to this international standard adopts an organizational model that ensure Safety and Health at work, allowing employees to operate in the best conditions.



GUARANTEED
AND CERTIFIED
QUALITY

2 YEARS
WARRANTY

TESEO
OPTIMIZEYOURBUSINESS