



# EPC 183

ALL YOU NEED FROM  
A VERSATILE CUTTING  
MACHINE

THE MOST  
EFFICIENT  
NESTING IN  
THE WORLD



**TESEO**  
OPTIMIZE YOUR BUSINESS

EPC 183

Silent, efficient and expandable.  
All you need from a compact and  
versatile machine.  
1800 X 3000 mm working area,  
to cut fabrics aimed at the  
furniture branch.

ALL YOU  
NEED FROM  
A VERSATILE  
MACHINE



OPERATORS NEEDED:



1 EXPERIENCED  
operator for the loading  
on the machine, marking  
and on-board nesting

THE MOST  
EFFICIENT  
NESTING IN  
THE WORLD





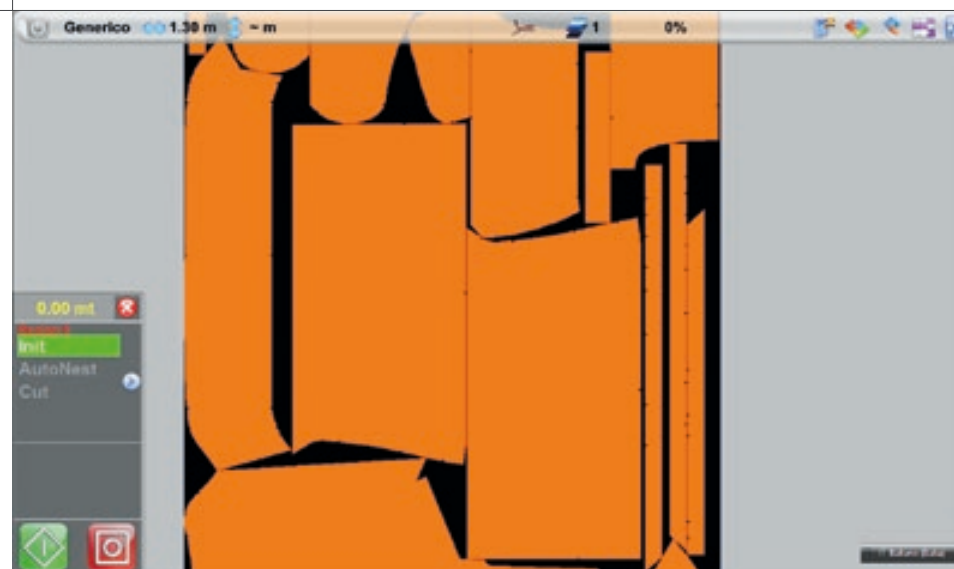
THE MOST  
EFFICIENT  
NESTING IN  
THE WORLD



EPC 18 is equipped with METI, one of the most efficient software for the automatic nesting in the market.

Using METI you don't need anything else: the automatic nesting – the best automatic nesting possible – is made in the easiest way on the cutting machine directly with a considerable time saving.

Just load your material and you are ready to start cutting.

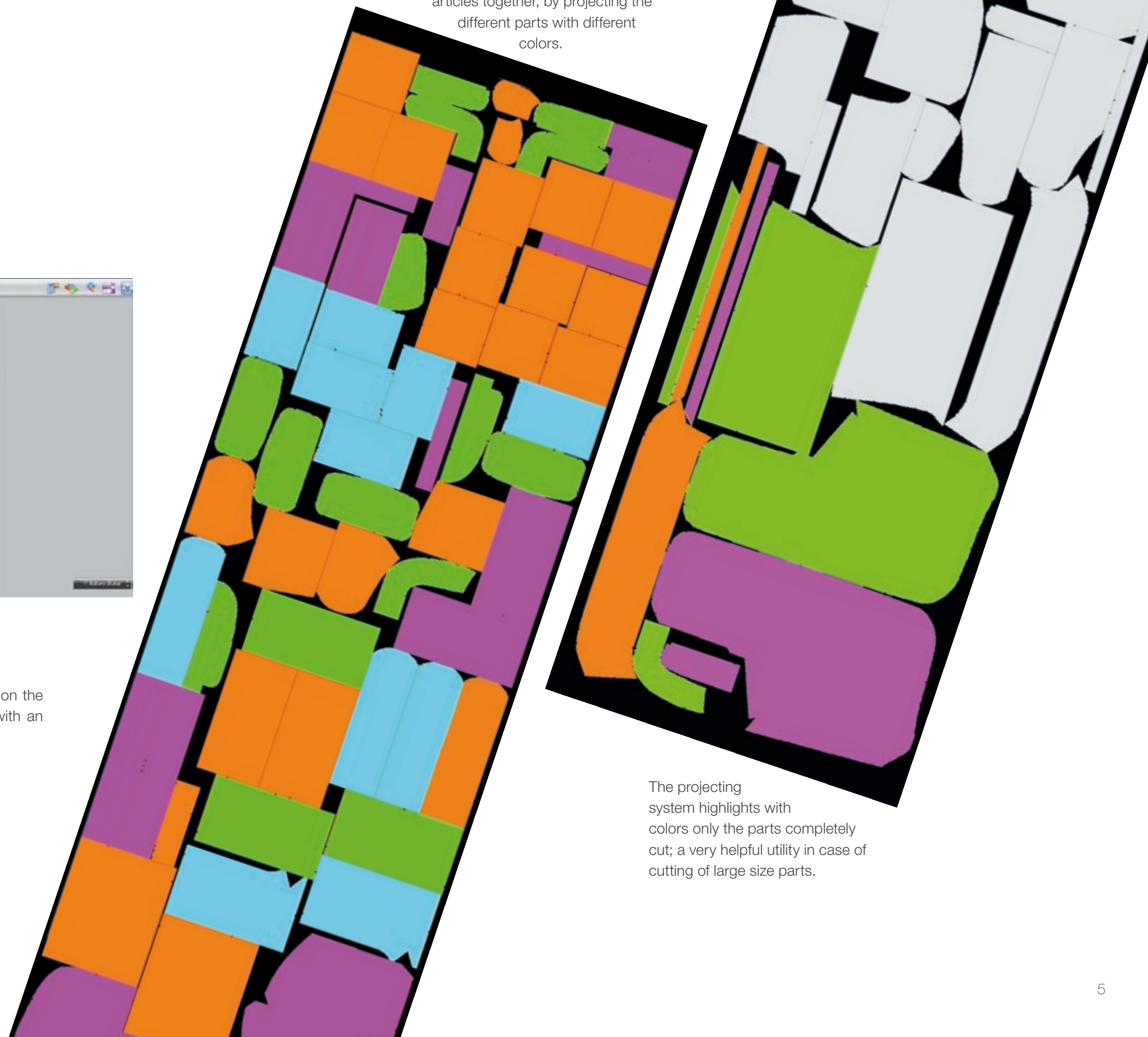


### METI HAS THE BEST STRATEGY

Complex mathematical algorithms will place the parts to cut on the material available, maximizing the utilization of the material with an normal saving of 3%.

“YOU NEED 6  
MINUTES TO DO  
WHAT METI DOES IN  
20 SECONDS”

The high definition projecting system supports the operator in an easy, direct and quick way in the picking-up of the cut parts, also in case of cutting jobs made of mixed articles together, by projecting the different parts with different colors.

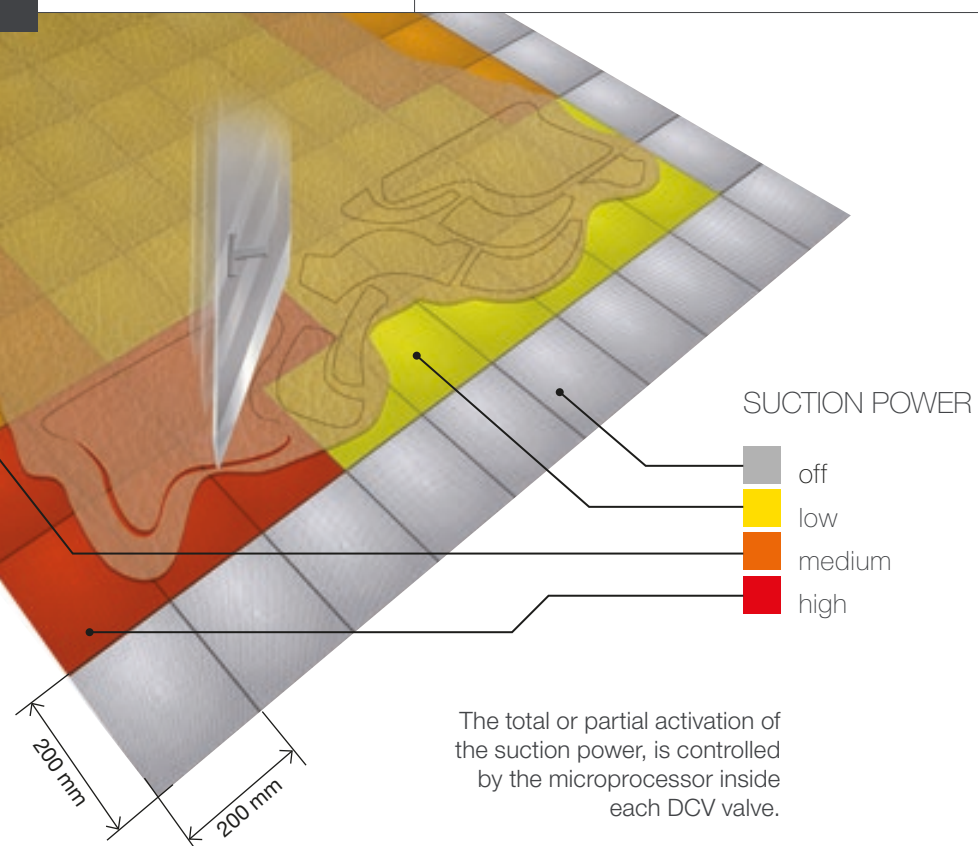


The projecting system highlights with colors only the parts completely cut; a very helpful utility in case of cutting of large size parts.

## SAVING SPEED AND ACCURACY

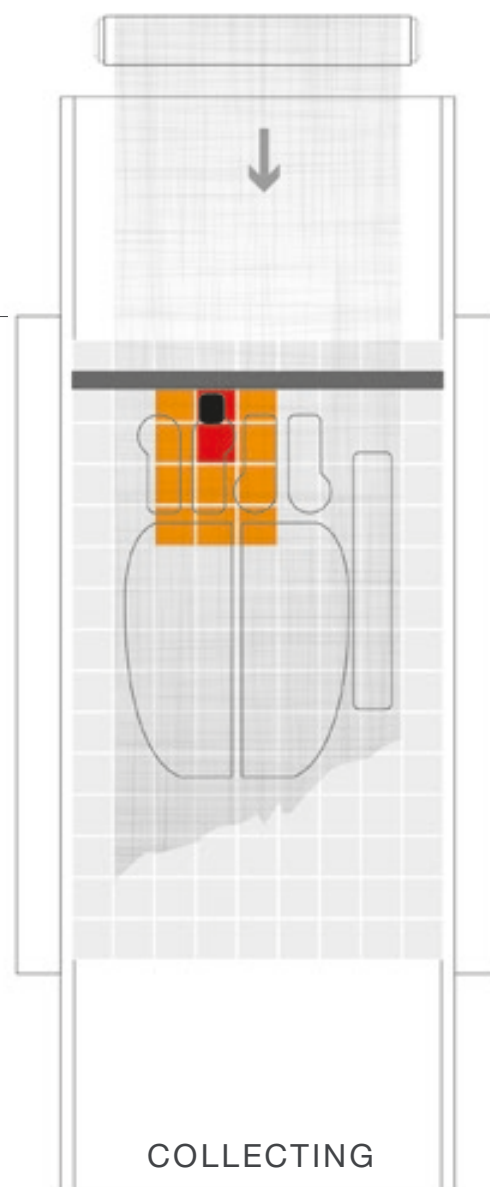
The vacuum surfaces consist of up to **135 independent and dynamic small sectors** of 200X200 mm. They are dynamic because are driven by a software that recognizes the shape of the material and the position of the cutting head. The system automatically activates, with different power, only those areas interested by the cutting operations, excluding completely those not occupied.

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



**INTELLIGENT** because it activates **only the necessary sectors** and requires a low consumption vacuum pump for energy (less than 15 Kw), saving up to **40%** with respect to all the other solutions.

### LOADING



### COLLECTING

## LIKE USING 6 HANDS

In **1993** TESEO was the first to introduce the **vibrating knife for the cutting of leather** and, till today, the quality, the accuracy and the low maintenance cost of this solution remain unattainable for any other technology currently available.

The heads are also equipped with punches to perforate and with a pen to write even on the most difficult leather.



### ROUNDED KNIFE FOR THIN MATERIALS OR TEXTILES

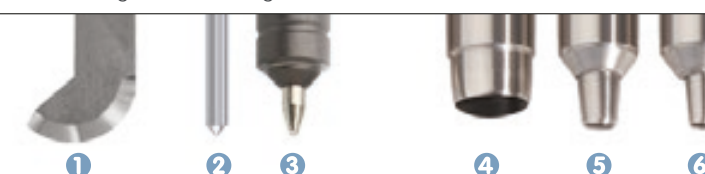


UP TO  
**6**  
TOOLS

Blade for fast cutting

Pen and punch for the signature

Different diameter dies: from 0.5 to 12 mm



UP TO  
**12**  
HOLES  
PER SECOND





Sherlock is an optical recognition system 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, also irregular.

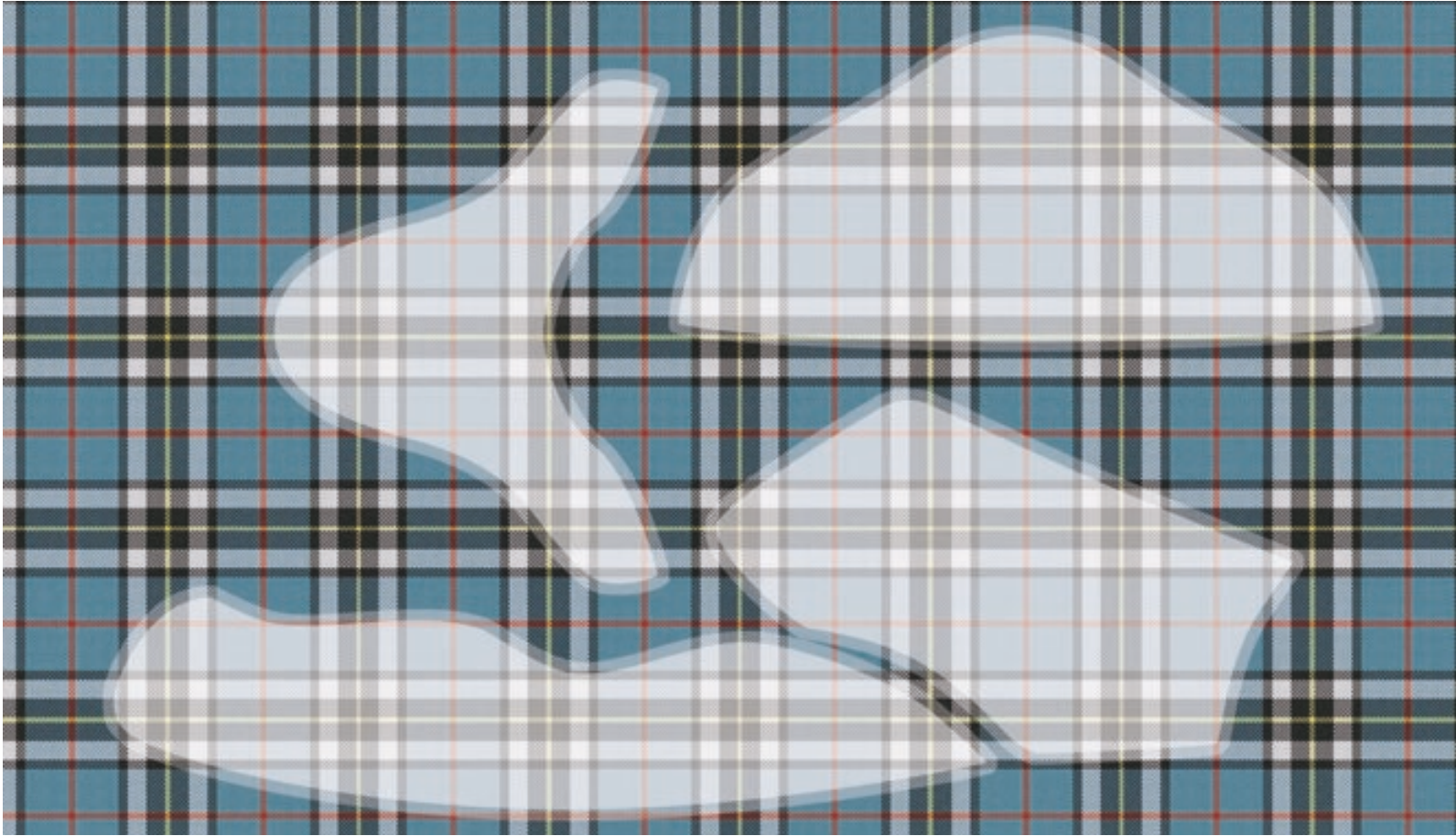
Sherlock will automatically adapt in real-time the theoretical nesting to the actual pattern of the material.



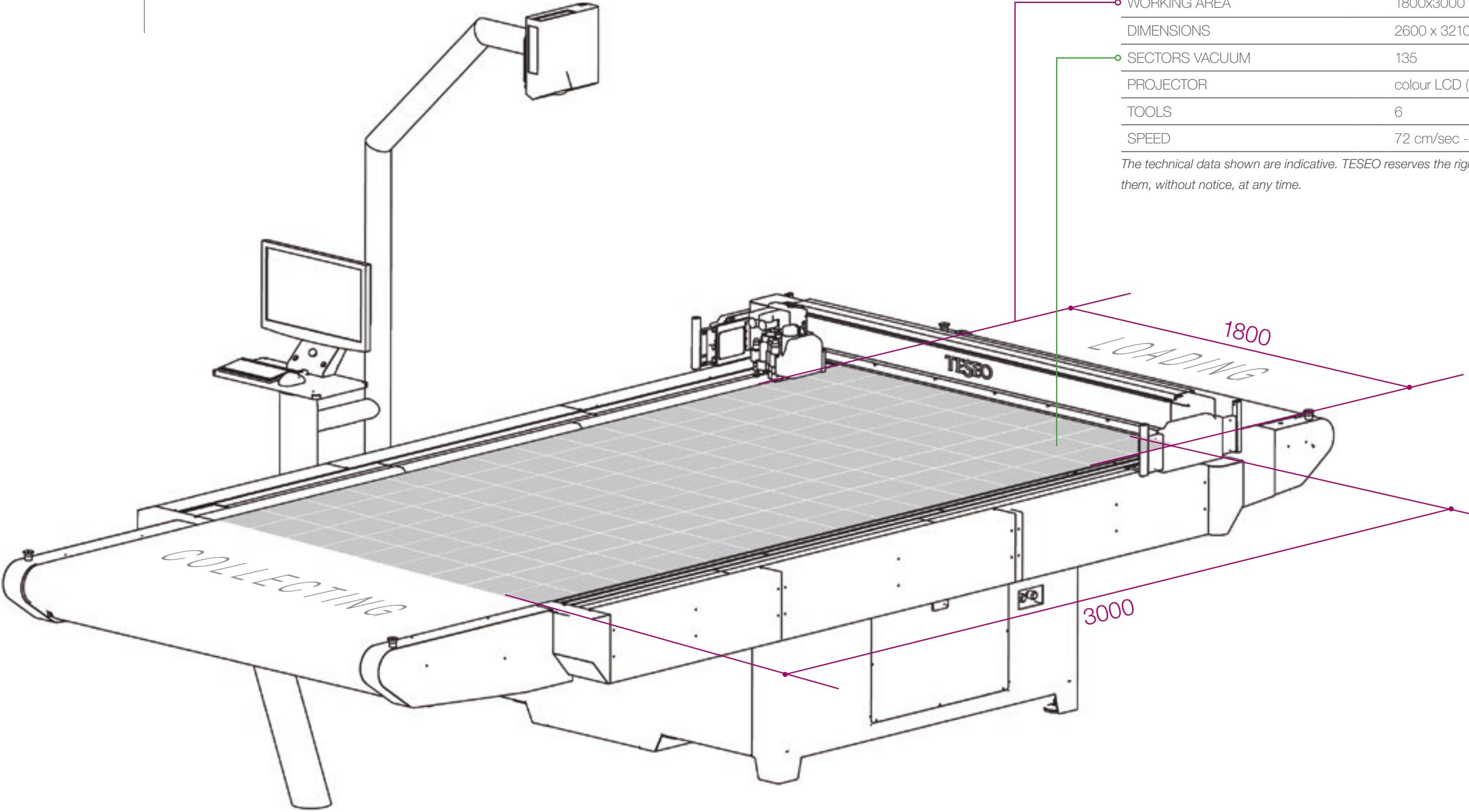
OPTICAL  
RECOGNITION  
SYSTEM



Without  
Sherlock



TECHNICAL  
SHEET



MODEL	EPC 183
HEADS	1
WORKING AREA	1800x3000 mm
DIMENSIONS	2600 x 3210 x 4360 mm
SECTORS VACUUM	135
PROJECTOR	colour LCD (4500 lumens)
TOOLS	6
SPEED	72 cm/sec - 45 m/min

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



OPTIMIZE YOUR BUSINESS



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