

## LCKS

AUTOMOTIVE & HOME FURNISHING  
GENUINE LEATHER DIGITAL CUTTING SOLUTION

Precisely Cut Parts | Outstanding Throughput | Maximum Yield  
Efficient Design | Intelligent Management System



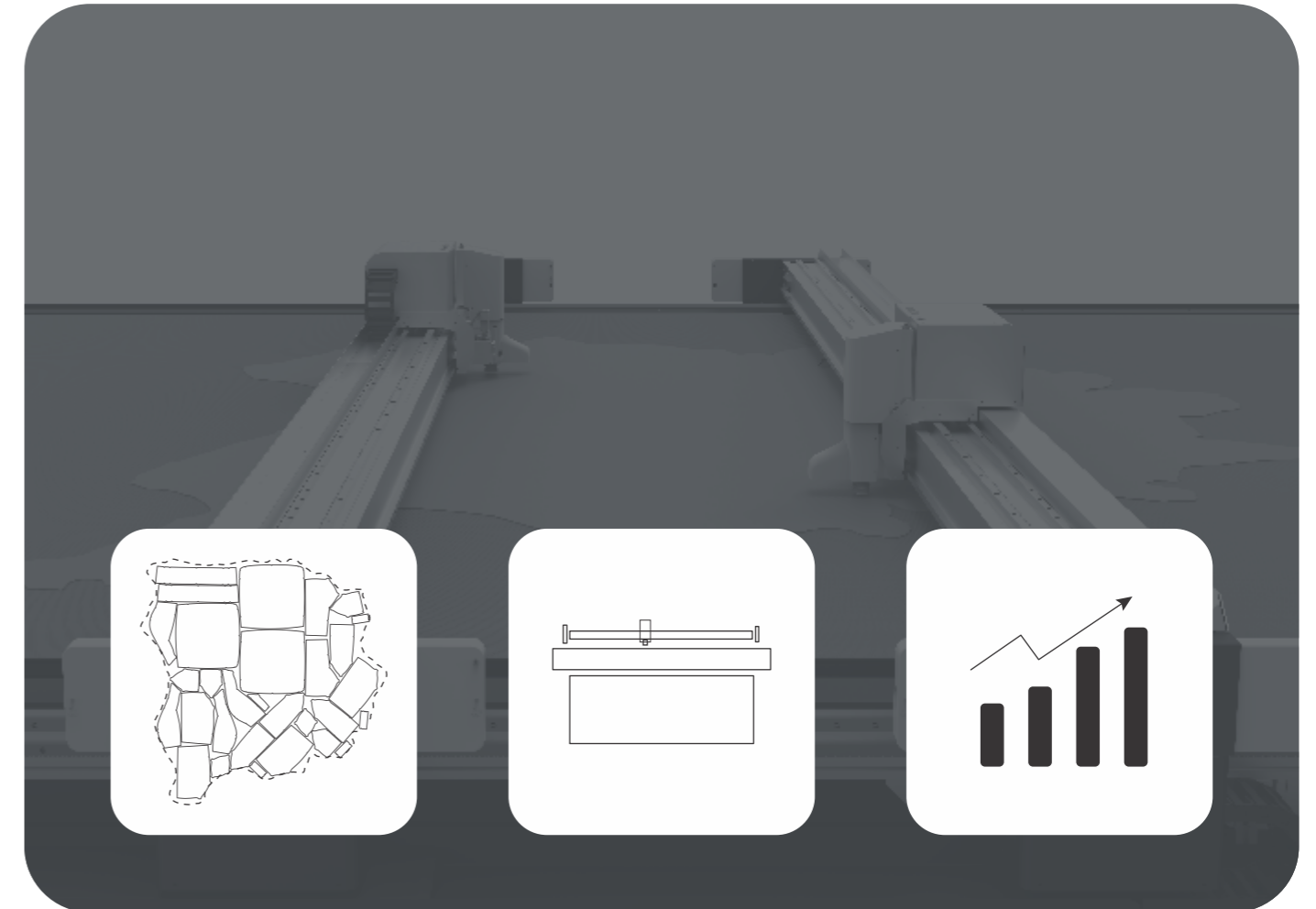
The new generation of customer has a futuristic perspective and commitment to the environmental protection and being ecological friendly. Leather is durable, comfortable, soft, long lasting, easy to clean & maintain and adds luxury which is why it is more and more sought after by more and more customer. The market demand for leather both in home furnishing and automotive industries is increasing day by day due to which these industries are facing unprecedented challenges in catering to customer's requirement. To overcome these challenges, LCKS solution will help customer to cater the ever growing requirements even with customization and with shorter production cycle.



## What is LCKS

LCKS is a digital leather cutting equipment which provides a complete digital solution right from detecting the contour to automatic nesting and from order management to automatic cutting. It helps customers to accurately control each step of operation.

The automatic nesting engine provides maximum savings by utilizing most of the leather thus saving the cost of genuine leather. A fully automated production brings down the dependency on manual skills and can achieve quick order delivery.



### IMPROVE GENUINE LEATHER UTILIZATION

In leather industry, raw materials account for more than half of the overall total cost. LCKS solution can detect flaws and can accurately perform the nesting thereby increasing the utilization rate by 2%-5% (The data is subject to actual measurement)

### NEED FOR SKILLED LABOR

It is a challenge to find individuals who are experienced with nesting parts efficiently to maximize hide yield. When skilled workers are available, they demand higher wages than non-skilled workers. Since LCKS nests parts automatically and is easy to use, you not only reduce labor costs significantly but also get consistent results.

### QUICK OUTPUT DELIVERY TIME

With increase in demand for high level customization and stylish leather products within shorter production cycle, LCKS solution can help companies to meet the demand for tight delivery schedules.

## HOW TO KEEP THE COMPANY COMPETITIVE

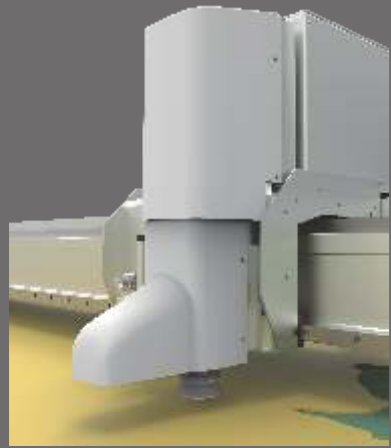
### LCKS

**150-200** s/piece  
**8000-12000** feet / day

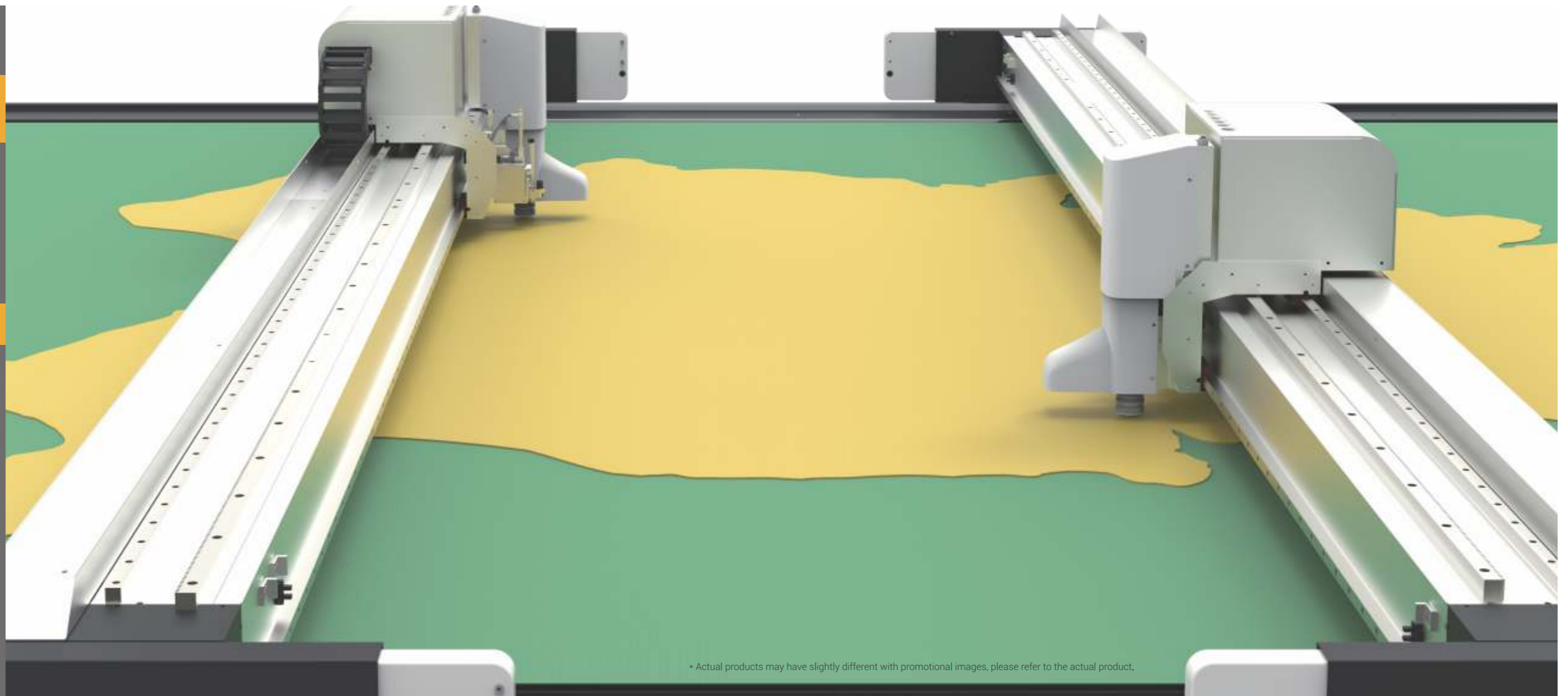
(\*certain differences in actual output of different companies)

LCKS is equipped with iECHO latest high-frequency oscillating tool at 25,000 rpm. The ultra-high frequency oscillating tool can cut the material at high speed and accuracy.

speed **1200** mm/s



All-new generation professional leather high-frequency oscillating tool

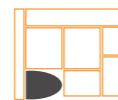


\* Actual products may have slightly different with promotional images, please refer to the actual product.



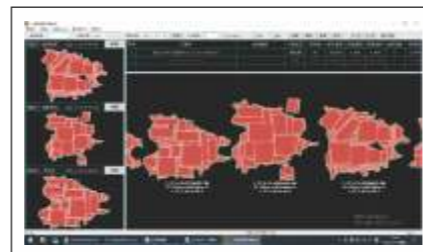
#### LEATHER CONTOUR DETECTION SYSTEM

LCKS captures the hide in seconds using digital camera and then analyses the image and automatically categorises them into perfect zone, different levels of flaw zones which is classified according to customer's requirement and unusable zone.



#### LEATHER AUTOMATIC NESTING SYSTEM

The automatic nesting system can complete the nesting in 30-60s and increase the utilization of the leather by 2%-5% (The data is subject to actual measurement). Different levels of flaw zone can be used flexibly based on customer's requirement to further improve the utilization of the leather.



#### ORDER MANAGEMENT SYSTEM

LCKS order management system runs through each link of digital production and has a flexible and convenient management system which monitors the complete process and each of this link can be modified in the production process. Flexible operation, intelligent management, convenient and efficient system significantly saves the time spent by manual process.



#### ASSEMBLY LINE PLATFORM

LCKS cutting assembly line includes the complete process of leather inspection - capturing - nesting - cutting - collecting. This complete process is continuous and eliminates all traditional and manual operations. Full digital and intelligent operation maximizes cutting efficiency.

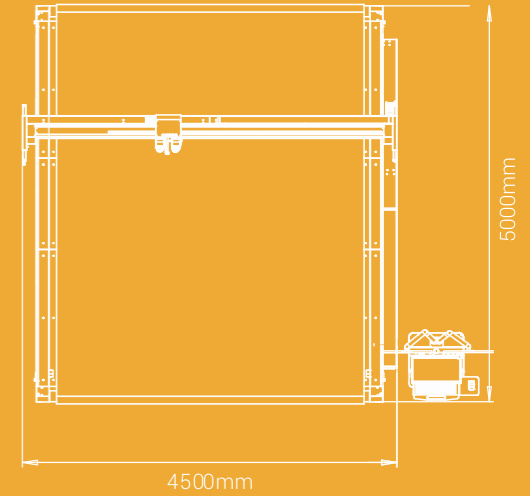
# WORKFLOW LCK S1

8 min / piece



## LCKS1 PARAMETERS

Cutting Machine Size	5000mm x 4500mm
Cutting Types	Genuine Leather / Roll Leather
Cutting Dimension	25-70 Square Feet
Cutting Efficiency	8 min / Piece
Staffing	2
Cutting Tool	1 Set
Machine Power	15 KW



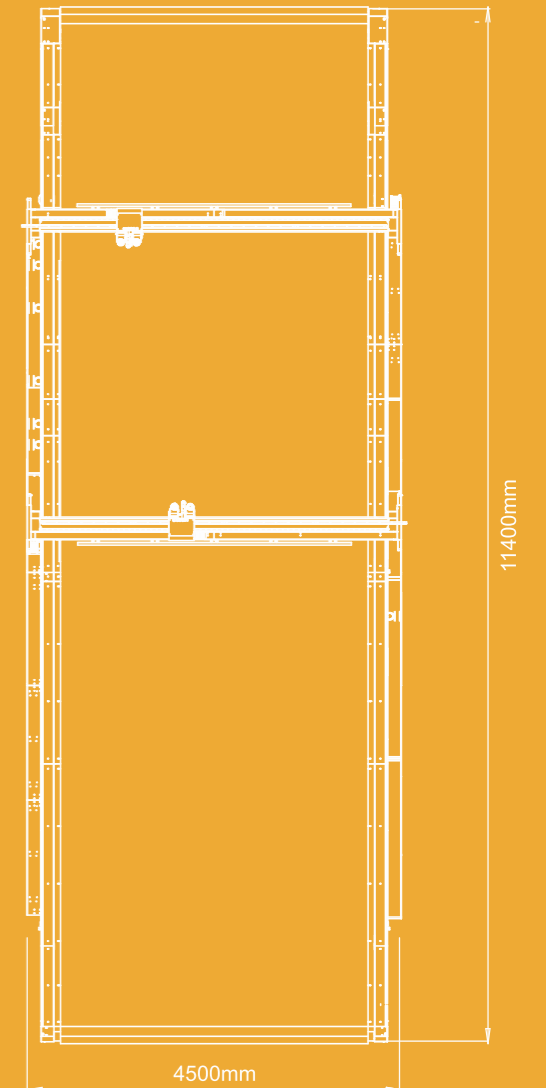
# WORKFLOW LCK S3



## LCKS3 PARAMETERS

Cutting Machine Size	11400mm x 4500mm
Cutting Types	Genuine Leather
Cutting Dimension	25-70 Square Feet
Cutting Efficiency	3 min / Piece
Staffing	3
Cutting Tool	2 Set
Machine Power	30 KW

\* The product parameters and functions mentioned on this page changed, will not further notice.





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