



LCKS

DIGITAL LEATHER FURNITURE SOLUTION

PRECISE
EFFICIENT
STABLE
INTELLIGENT

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INTELLIGENT CUTTING CREATES FUTURE

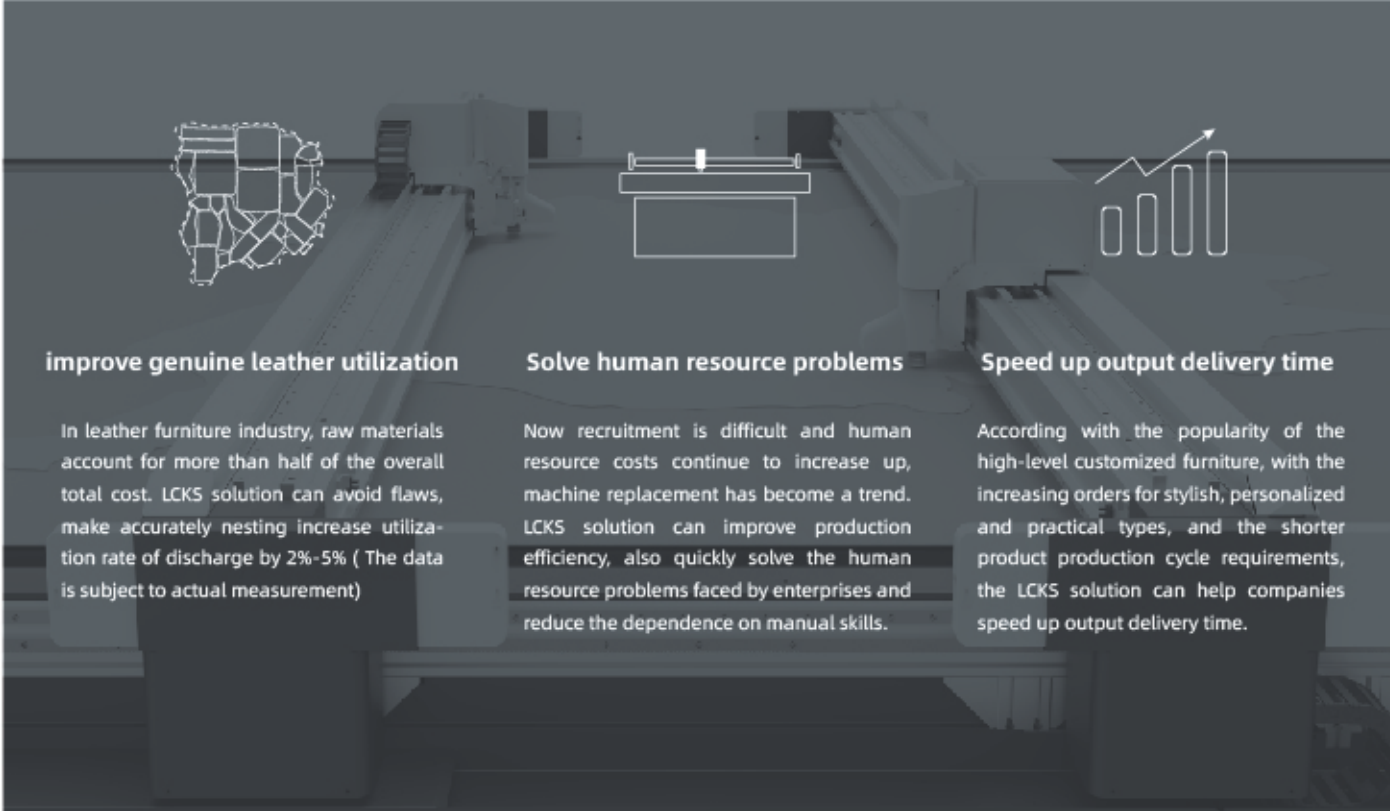
What is LCKS

LCKS digital leather furniture cutting solution, from contour collection to automatic nesting, from order management to automatic cutting, to help customers accurately control each step of leather cutting, system management, full-digital solutions, and maintain market advantages.

Utilize the automatic nesting system to improve the utilization rate of leather, maximum save the cost of genuine leather material. Fully automated production reduce dependence on manual skills. A fully digital cutting assembly line can achieve faster order delivery.

A decorative graphic consisting of several overlapping squares in shades of orange and black, located on the left side of the page.

The new generation of customers has a new perspective and persistence in environmental protection and ecological. Leather furniture is durable, comfortable, soft, changeable in style, easy to clean and easy to take care, which is more and more sought after by young customers. The market demand for leather furniture is also increasing. Leather furniture manufacturers are also facing this unprecedented challenge.

A 3D rendering of a leather cutting machine in a dark, industrial setting. The machine is shown from a perspective view, with various components like the cutting head and material rollers visible. The background is dark with some faint light sources.

improve genuine leather utilization

In leather furniture industry, raw materials account for more than half of the overall total cost. LCKS solution can avoid flaws, make accurately nesting increase utilization rate of discharge by 2%-5% (The data is subject to actual measurement)

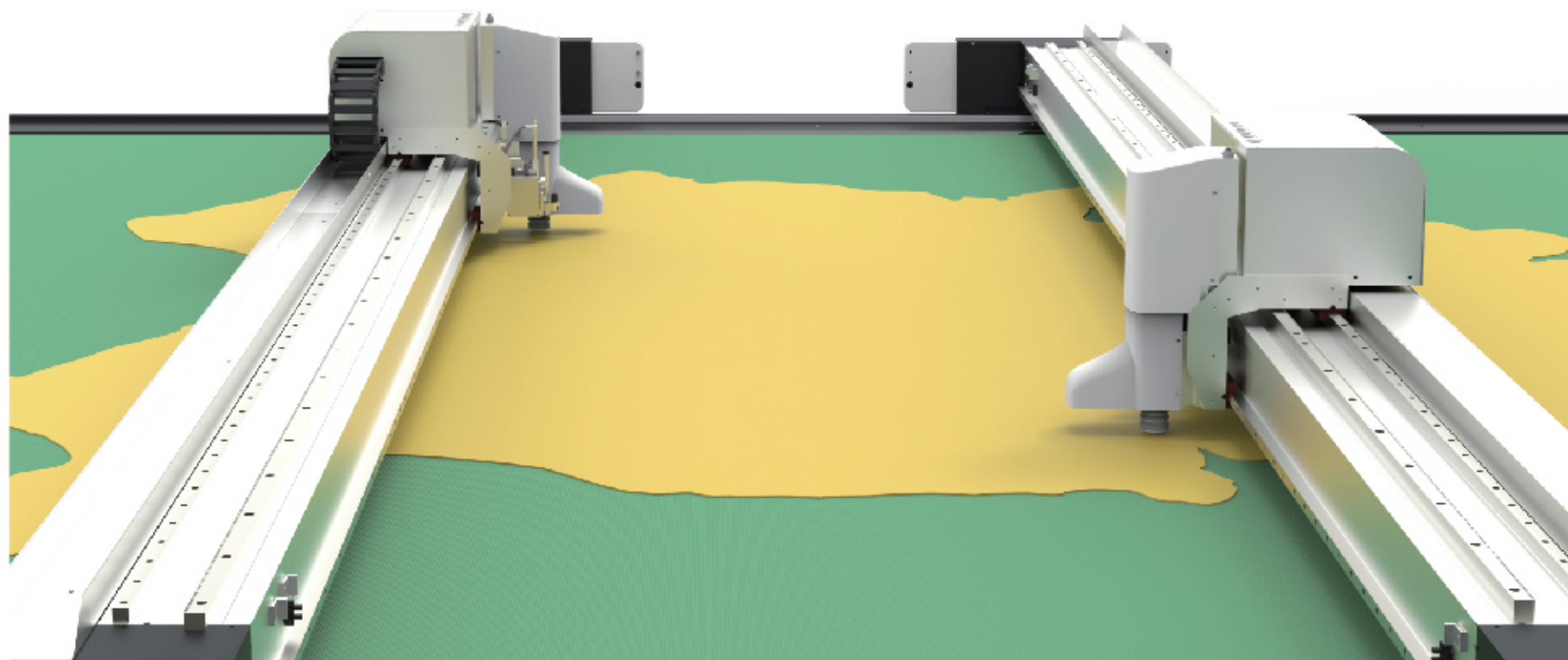
Solve human resource problems

Now recruitment is difficult and human resource costs continue to increase up, machine replacement has become a trend. LCKS solution can improve production efficiency, also quickly solve the human resource problems faced by enterprises and reduce the dependence on manual skills.

Speed up output delivery time

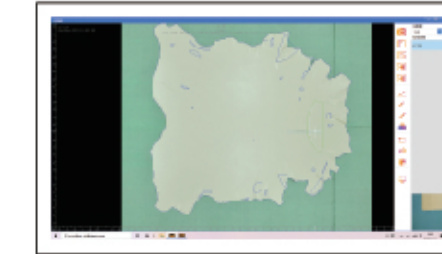
According with the popularity of the high-level customized furniture, with the increasing orders for stylish, personalized and practical types, and the shorter product production cycle requirements, the LCKS solution can help companies speed up output delivery time.

? HOW TO KEEP THE COMPANY COMPETITIVE



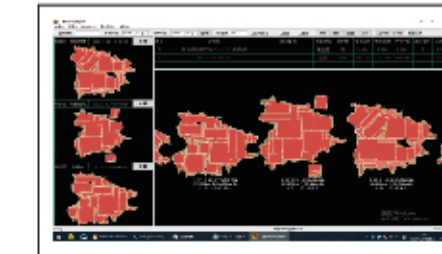
Leather contour acquisition system

Can quickly collect contour data of the entire leather (area, circumference, flaws, leather level, etc)
Auto recognition flaws.
The leather defects and areas can be classified according to the customer's calibration.



Leather automatic nesting system

Complete the nest of a whole piece of leather in 30-60s.
Increased leather utilization by 2%-5%(The data is subject to actual measurement)
Automatic nesting according to the sample level.
Different level of defects can be used flexibly according to customer requests to further improve the utilization of leather.



Order management system

LCKS order management system runs through each link of digital production, flexible and convenient management system, monitor the whole assembly line in time, and each link can be modified in the production process.
Flexible operation, intelligent management, convenient and efficient system, greatly saved the time spent by manually orders.



Assembly line platform

LCKS cutting assembly line including the whole process of leather inspection - scanning - nesting - cutting- collecting.
Continuous completion on its working platform, eliminates all traditional manual operations. Full digital and intelligent operation maximizes cutting efficiency.

LCK S3

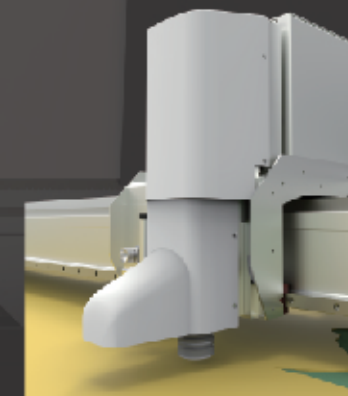
150-200 s/ piece

8000-12000 feet/ day

(*certain differences in actual output of different companies)

LCKS equipped with iECHO latest high-frequency oscillating tool, 25000 rpm ultra-high oscillating frequency can cut the material at high speed and accuracy.

speed
1200 mm/s



All-new generation professional leather high-frequency oscillating tool

WORKFLOW LCK(S1)

8
min/ piece

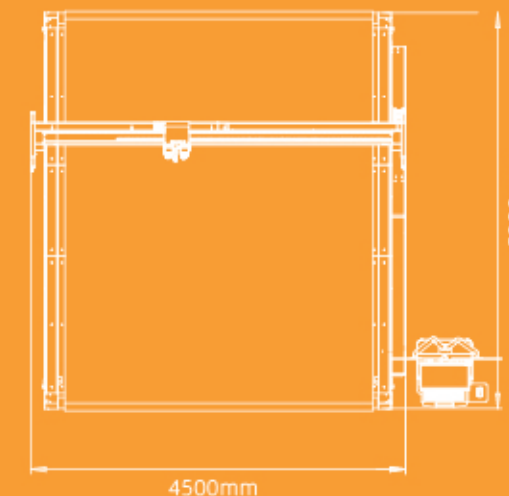
WORKFLOW



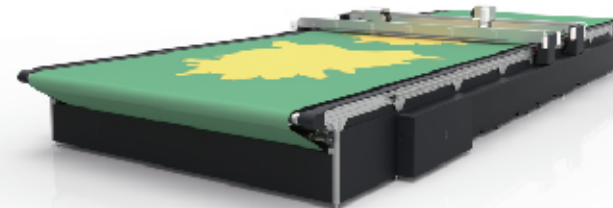
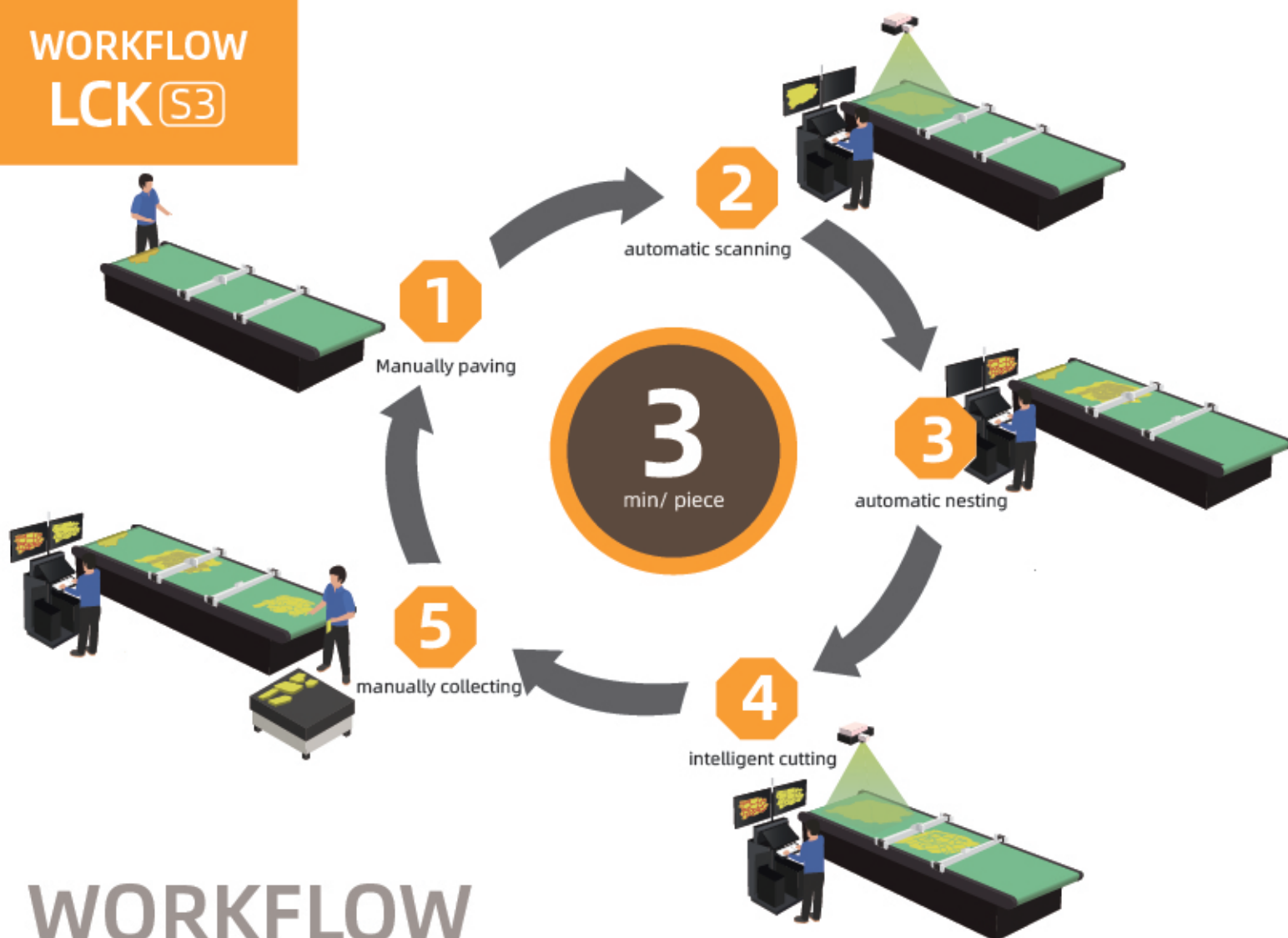
LCKS1 PARAMETERS

Cutting machine size	5000mm×4500mm
Cutting types	Genuine leather/ roll leather
Cutting dimension	25-70 square feet
Cutting efficiency	8min/ piece
Staffing	2
Cutting tool	1set
Machine power	15kw

LCK(S1)



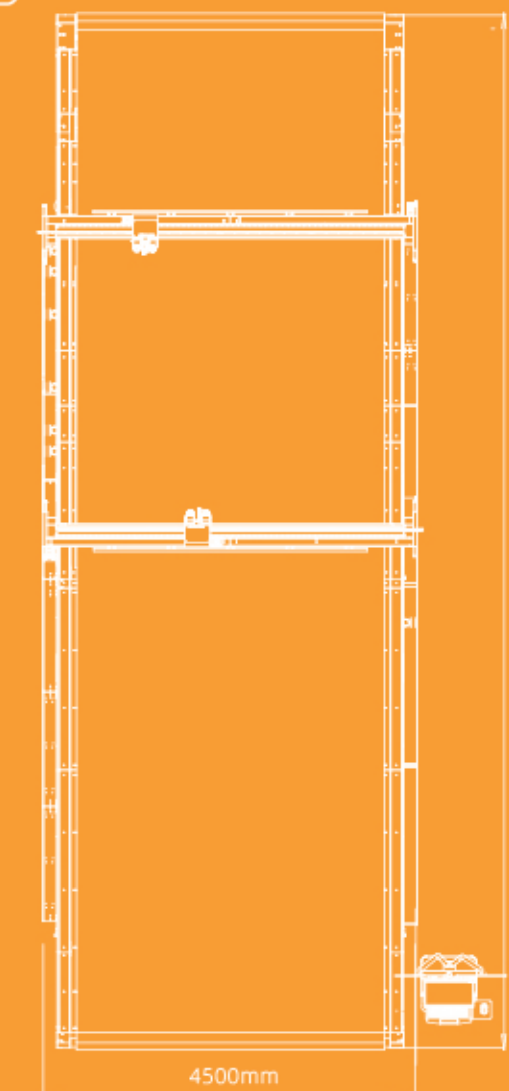
WORKFLOW LCK(S3)



LCKS3 PARAMETERS

Cutting machine size	11400mm×4500mm
Cutting types	Genuine leather
Cutting dimension	25-70 square feet
Cutting efficiency	3min/ piece
Staffing	3
Cutting tool	2sets
Machine power	30KW

LCK(S3)



WORKFLOW

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