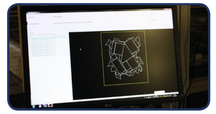
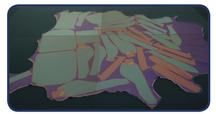




NESTING & CUTTING

1. PRODUCTION PLAN
Styles and patterns import and conversion, production quantity management, work distribution to one or several cutting stations

2. LEATHER SCANNING BY MEANS OF OPTICAL DEVICES
Automatic detection of the leather contour, determination of quality zones on five levels with the aid of video projection, bar-code label printing, leather purchase report

3 . INTELLIGENT ORDER MANAGEMENT
Optimum matching of individual orders, article-based management

4. AUTOMATIC NESTING
Automatic and interactive nesting directly on the leather, automatic quality zone matching, wireless mouse and keyboard that are easy to use, multi-hide nesting

5. CUTTING
Automatic cutting and marking using a variety of tools: oscillating knife, round knife, punch with different diameters, drills, pens

6. COLLECTING
Interactive and swift part collecting procedure after cutting, using video projection, different collecting methods depending on the type of production

7. REPORTS
Comprehensive reports on leather stock, cutting efficiency, consumption, mini-markers, production quantity reports

Leather Software

The modular structure of the Kuris leather software enables variable system configurations so that adaptation to production variants is possible. For a small leather studio but also for large-scale production with thousands of hides a day.

Both an inline process and an offline process can be configured.
A saving on material, efficient use of capacities, transparency in the processes and the capture of the production data form the key pillars of the system.

KURIS LEATHER
MADE IN GERMANY

TECHNICAL DATA (CUTTY 3527):

Max. cutting height: ..... 40 mm (depending on tool)
Max. cutting speed: ..... 70 m/min
Max. positioning speed: ..... 100 m/min
Max. acceleration: ..... 7 m/s²
Nominal working widths (Y): ..... 1.75 m / 2.15 m / 2.75 m / 3.05 m
Table widths: ..... 2.10 m / 2.50 m / 3.20 m / 3.50 m
Nominal working lengths (X): ..... 2.30 m / 3.50 m
Total lengths: ..... 3.80 m / 5.00 m
Weight of the cutter: ..... 1950 kg / 2300 kg / 3800 kg
Working height: ..... from 0.85 m

Operating voltage: ..... 400 V, 50/60 Hz
Connected electrical load
Control / drives: ..... 4 kW
Vacuum unit: ..... 7.5 kW / 11 kW
Average consumption: ..... 8 kW
Fuse: ..... 35 A (5x6mm²)
Protection class: ..... Class 1
Compressed air (5-6 bar): ..... 10 l/min

Options:
- Drawing device,
- Drilling devicev,
- Milling device,
- Drag knife,
- Driven round knife,
- Oscillating knife,
- POT knifer,
- Printhead

Noise level: 57 - 74 dB(A)
Mark of conformity: CE

Technical changes maybe possible.

Optionally with double bridge: Two bridges for independent cutting with two cutting heads in one cut pattern. Cutting time saving: up to 40%

The comprehensive product range also allows solutions tailored to your particular needs. In our showroom, spreading and cutting machines are available both for general demonstrations and for testing with your own materials.
Arrange an appointment with us.
We will be delighted to advise you!

DEMONSTRATION VIDEO
Scan QR-code or visit
www.kuris.de/video/leder

Kuris Spezialmaschinen GmbH
Degginger Straße 6
D-73326 Deggingen - Reichenbach
Fon: +49 (0) 73 34 - 9 24 80 - 0
Fax: +49 (0) 73 34 - 9 24 80 - 69
E-Mail: info@kuris.de

WWW.KURIS.DE

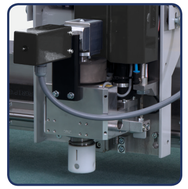
MADE IN GERMANY

KURIS

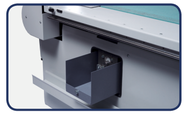
LEATHER

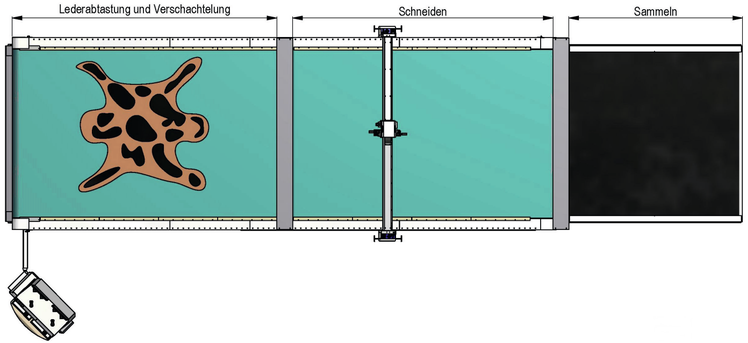
PROFESSIONAL E SOLUTIONS FOR
THE COMPLETE PRODUCTION PROCESS

IN-LINE SOLUTIONS



Optical devices such as a camera and projectors are used for recording and visualisation.
The OT1 tool is a cutting tool which is perfectly customised for leather. The integrated cleaning brush guarantees a reliable process for the optical devices. The lifespan of the cutting underlay is also extended significantly.





1 ZONE (Compact solution)
Compact configuration offering all features of a large system: leather scanning, automatic nesting, collecting and reports. All these operations are performed directly on the cutter table, in a very fast and efficient process.

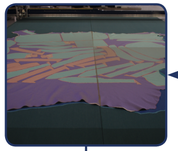
2 / 3 ZONEN (Series production)
To increase the productivity, the system is expanded to include two more zones: 1. Leather scanning and nesting, 2. Cutting, 3. Collecting – These three steps are performed directly on the machine: a conveyor belt moves the leather from one stage to the next, in a continuous and economic workflow.

OFF-LINE SOLUTIONS

SCANNING

MARKING

NESTING



INLAYING

POSITIONING ON CUTTER

CUTTING

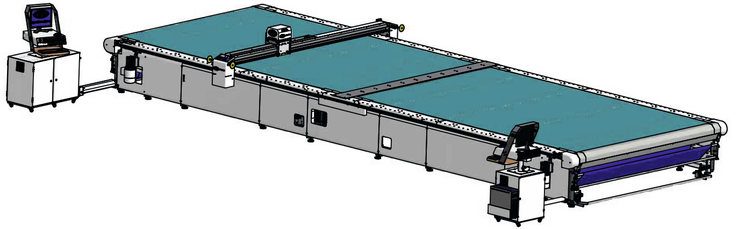
SORTING & ASSIGNING

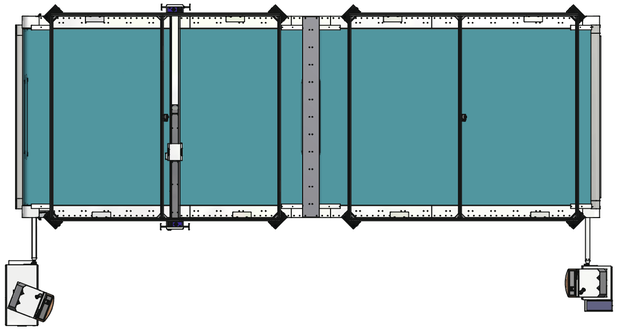
Scanning station

The patented scanning station of Kuris combines innovation, ergonomics and efficiency. The use of a smart pen and an interactive workspace opens up possibilities for perfecting value-adding workflows. The digital data records enable new dimensions when it comes to order creation, diagnosis and economic efficiency.

SPLIT WORK PROCESS
Splitting the overall process into several individual processes enables a high level of optimisation and efficiency. The leather hides are digitised with the scanner and assessed in the leather storage facility. The production order is created automatically via an interface with the ERP system. Large potential savings are guaranteed through the combination of orders and the targeted preselection of the leather hides and ultimately also through multi-hide nesting. The double-conveyor cutter, which is operated by just one operator, offers a maximum degree of efficiency and minimal process times.

OPTIMUM EXPANSION OF THE OFF-LINE SOLUTION





LEATHER PROCESSING WITH KURIS
Compared with other industries and materials, leather cutting requires maximum attention and increased effort. This is why, in the leather industry in particular, the desire for a high degree of automation has always been present. We have set about doing this and have studied the entire production process in great depth. Our solutions have enabled us to really stand out in the leather market. Efficient and at a high level, topics such as smart order management, leather administration, leather scanning, powerful nesting and precise cutting are addressed.

WWW.KURIS.DE