



# CUTTY



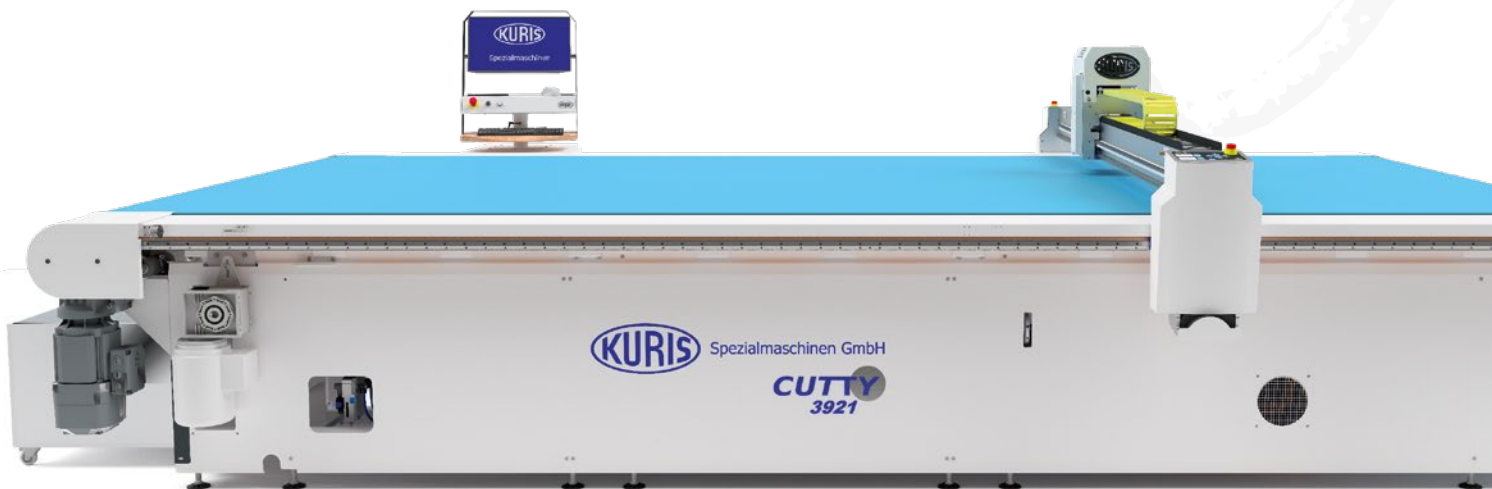
MADE IN  
GERMANY

## SINGLE-PLY CUTTER

- » 5th generation of our proven cutters
- » Compact, fast and reliable
- » Short setup times thanks to plug-and-play connection



THE NEW  
CUTTY 5



# COMPACT. POWERFUL. FUTURE-READY.

## THE NEW GENERATION CUTTY

Efficient manufacturing processes require flexible, precise, and cost-effective cutting solutions – especially for single-ply cutting. With the fifth generation of the Cutty series, Kuris offers a completely redesigned and technologically optimized solution for the highest demands in both industry and craftsmanship. Cutty stands for maximum productivity combined with a compact design. The system impresses with high dynamics, precise cutting quality, and particularly easy integration into existing production environments.

## VERSATILE APPLICATIONS

For cutting: textiles, technical textiles, foil, leather, plastics, prepreg, glass and carbon fiber, honeycomb materials, and a wide range of specialty materials.

## TECHNOLOGY THAT CONVINCES

The core of the system is the individually configurable base head with a programmable Z-axis. It enables precise adjustment to material properties and ensures consistently optimal cutting conditions.

## YOUR ADVANTAGES AT A GLANCE

- + **Flexible working widths and cutting window lengths**  
Optimal adaptation to part sizes and cut files.
- + **Tool change system**  
Significantly reduced setup times through minimized adjustment processes.
- + **High dynamics**  
Travel speed up to **120 m/min**.  
Cutting speed up to **90 m/min** depending on the material.
- + **Powerful vacuum technology**  
Available with **7.5 kW** or **11 kW** vacuum pump.
- + **Easy operation**  
Sophisticated operator guidance for fast onboarding.
- + **Process reliability at maximum speed**  
Consistently precise cutting results even at high travel and cutting speeds.

### + Multi-drilling system: double up to four-fold drills

The new drilling module allows up to four different diameters within a single cut file – ideal for complex applications.

### + Sensor-controlled collision protection

Intelligent sensors detect obstacles early and prevent collisions. This increases operational safety, protects machine components, and reduces unplanned downtime.

## EXTENSIVE UPGRADE OPTIONS

- + Carpet cutting head
- + Milling unit
- + Hollow drill
- + Driven round knife
- + Oscillating knife
- + Marking unit
- + Ultrasonic cutting



Driven round knife



Oscillating knife

## CUTTY – PRECISION IN SINGLE-PLY CUTTING

With the fifth generation of the Cutty series, Kuris sets new standards in single-ply cutting. The compact design, intelligent tool technology, and high process speed make Cutty the ideal solution for modern, cost-efficient production processes.

**Precision. Speed. Efficiency. – Kuris Cutty.**



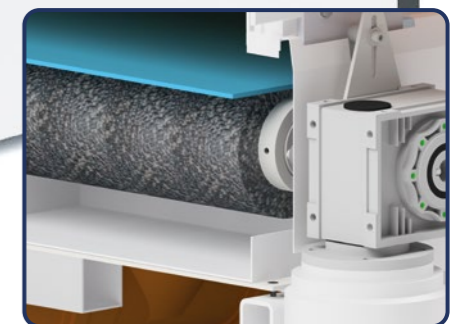
**Optional with dual bridge:**  
Two bridges enable independent cutting with two cutting heads within the same cutting layout. Time savings in cutting time: **up to nearly 50%**



Short setup times ...



... thanks to plug-and-play connection



**Cleaning brush:**  
The optionally available cleaning unit removes cutting residues



## TECHNICAL DATA:

Max. cutting height:..... 40 mm (depending on tool)  
Max. cutting speed:..... 90 m/min  
Max. positioning speed:..... 120 m/min  
Max. acceleration:..... 9 m/s<sup>2</sup>  
Working width:..... 1.75 m / 2.15 m / 2.75 m  
Table widths: ..... 2.30 m / 2.70 m / 3.30 m (others available on request)  
Working length:..... 2.70 m / 3.90 m (depending on tool)  
Total length: ..... 3.80 m / 5.00 m  
Weight of the cutter: ..... 1950 kg / 2300 kg / 3800 kg  
Working height:..... ab 0.85 m

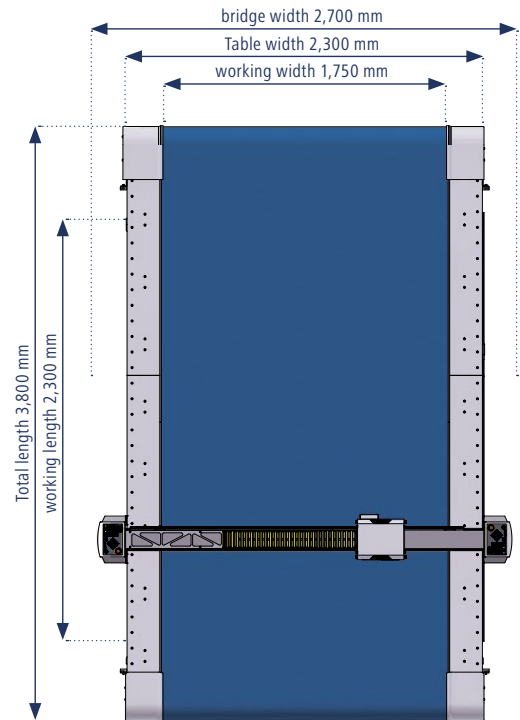
**Operating voltage:** ..... 400 V, 50 / 60 Hz  
Connected electrical load  
Control / drive:..... 6 kW  
Vacuum unit: ..... 7,5 kW / 11 kW / 20 kW  
Fuse:..... 35 A (5x6mm<sup>2</sup>)  
Compressed air (5-6 bar): ..... 12 l/min  
Protection class: ..... Class 1

**Options:**

- Drawing device
- Drilling device
- Milling device
- Drag knife
- Driven round knife
- Oscillating knife (electrically powered)
- POT knife (pneumatically powered)
- Printhead

**Noise level:** 57 - 74 dB(A)

**Mark of conformity:** CE



Layout example Cutty 2317 – other layouts on request

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!**

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