



# TEXCUT 2219



## HIGH-PLY CUTTER

- » For maximum precision in cutting
- » Easy maintenance thanks to the unique service position of the cutting head
- » Flexible adaptation to processes & materials



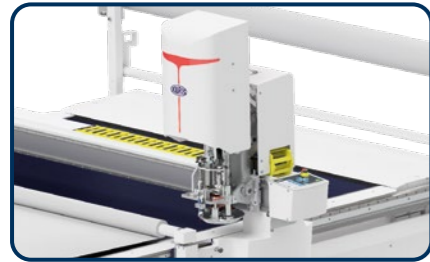
THE NEW  
TEXCUT





# POWERFUL AND PRECISE – THE NEW GENERATION OF THE TEXCUT SERIES

The demands of modern markets are continuously increasing: production processes must become faster, more efficient, and at the same time more flexible. In many industries, this means replacing manual operations with automated, high-precision machine technology.



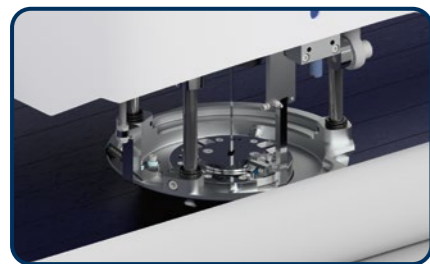
Service position

With the new generation of the **TexCut series**, Kuris presents a forward-looking solution for cutting technical textiles and special materials – powerful enough to deliver maximum productivity, yet intuitive to operate for an easy entry into automated cutting processes.

Whether aramid, carbon and glass fiber, prepregs, insulation materials, foils, veneers, or sports and leisure products: TexCut stands for precise cutting in sample and serial production – in the apparel, furniture, and automotive industries, as well as many other sectors.

## YOUR BENEFITS AT A GLANCE

- + **Flexible working widths and cutting window lengths**  
Optimal adaptation to part sizes and cut files.
- + **Outstanding cutting quality**  
Perfect results even with complex contours and hard materials thanks to automatic knife compensation of the knife bending (smart knife).
- + **High cutting speed**  
Maximum efficiency for cost-effective production processes.
- + **Energy efficiency**  
Reduced consumption through adjustable Economic vacuum system (optional).
- + **Easy operation**  
Advanced operator guidance for fast onboarding.
- + **Service-friendly and low maintenance**  
Standardized components and a unique service position for quick knife and cutting head replacement.
- + **Automatic control systems**  
Parallelism and plausibility checks prevent cutting errors and ensure maximum process stability.
- + **Resealer for improved vacuum** (optional)



Smart knife 3



Gear drive for maintenance-free and precise movement of the bridge including cutting head



Cutting head and control panel with standby LED indicator

# NEW: THE HIGHLIGHTS OF THE NEXT TEXCUT GENERATION

The new machine platform introduces key innovations for even greater precision, durability, and productivity:

- + **Optimized knife guides**  
Revised design for even **more precise cuts** and significantly **longer service life of wear parts**.
- + **Multi-drill system: double or quadruple drill**  
The new drilling module allows up to **four different diameters** within a single cut file – ideal for complex applications.
- + **Transport vacuum – Cutting during conveyor advance**  
Particularly suitable for **foam-laminated materials in the automotive industry**: material compression remains consistent during feed, allowing **cutting even while the material is moving**.

- + **Smart Knife 3**  
Enhanced components for even better **compensation of the knife bending** – ensuring maximum precision, even with the most demanding materials.
- + **Smart Cutting – Intelligent cutting optimization**  
The machine automatically detects critical areas and independently adjusts parameters. This enables:
  - **more efficient nesting**
  - **higher material utilization**
  - **optimized process reliability**
- + **Quickly interchangeable cutting heads for maximum flexibility**  
The cutting heads of the TexCut series can be replaced in just a few steps – enabling flexible processing of different materials or nearly uninterrupted production during maintenance. Depending on the application, cutting heights from 35 to 100 mm are available.

## TEXCUT – THE FUTURE OF AUTOMATED CUTTING

With the new TexCut generation, Kuris offers powerful and intelligent cutting technology that increases productivity, simplifies processes, and guarantees the highest cutting quality. **Precision. Efficiency. Innovation. – Kuris TexCut.**

### Available knife sizes:

- |              |   |
|--------------|---|
| 1.5 x 6.0 mm | Our knives are available with different coatings. The blades are optionally equipped with either serrated or saw tooth grinding and are made from HSS or carbide. |
| 2.0 x 6.0 mm |   |
| 2.0 x 7.0 mm |   |
| 2.0 x 8.0 mm |   |
| 2.5 x 8.0 mm |   |
| 3.0 x 9.0 mm |   |





## TECHNICAL DATA:

Max. cutting height:..... up to 100 mm compressed  
 Max. cutting speed:.....90 m/min  
 Max. positioning speed:..... 120 m/min  
 Working widths:.....1.90 / 2.20 / 2.40 m (others available on request)  
 Table widths:.....2.30 m / 2.70 m / 3.30 m (others available on request)  
 Overall width of the cutter frame:..... 2.25 / 2.55 / 2.75 m  
 Total length of the cutter frame:.....3.20 / 4.50 / 5.50 m  
 Effective cutting length:.....2.20 / 3.50 / 4.50 m  
 Length of the clearing area:.....2.00 / 2.50 / 3.30 / 4.30 m  
 Total width of the clearing belt:..... 2.10 / 2.40 / 2.60 m  
 Total length of the cutter system:..... 5.20 / 5.70 / 7.80 / 9.80 m  
 Weight of the cutter unit .....approx. 3,600 - 3,900 kg  
 Weight of the vacuum unit .....approx. 100 - 800 kg

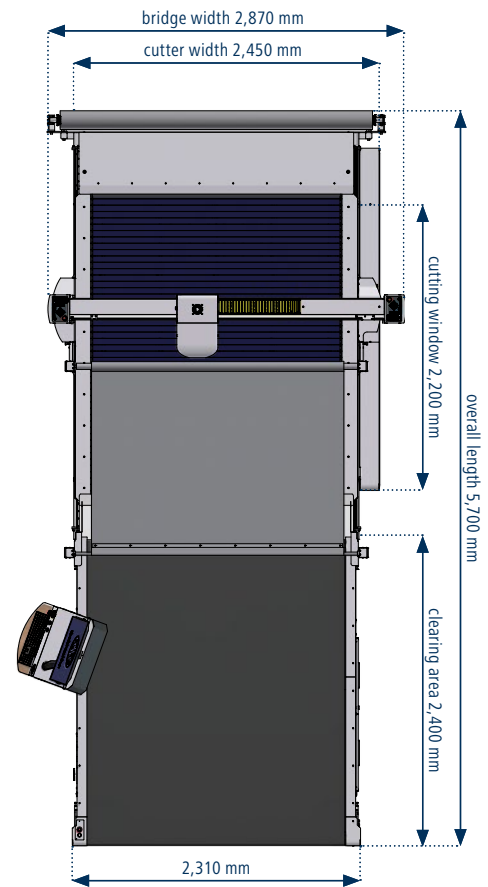
**Operating voltage:**..... 230 / 400 V, 50 / 60 Hz, 3-phase  
 Connected electrical load  
 Cutter including clearing belt: .....4 kW  
 Economic vacuum unit:.....20 - 30 kW  
 Compressed air (5-6 bar):..... 10 l/min  
 (for drilling device):..... 230 l/min (temporarily)  
 Protection class:.....Class 1

**Options:**

- System can be moved across to pick up layer packages from multiple spreading tables
- Pattern repeat and stripe processing
- Electronic knife break monitoring
- Drawing device
- Hollow drilling device for holes up to 22 mm in diameter
- Resealer for a better vacuum
- "Smart knife" - Compensation for knife bending

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

**Mark of conformity:** CE



Layout example TexCut 2219 – 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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