



# TEXCUT 2219



## HIGH-PLY CUTTER

» for maximum cutting precision





## POWERFUL AND PRECISE

For cutting technical textiles and special materials such as foils and veneers, aramid, carbon and glass fibers, prepregs and insulation material, sports and leisure products. For sample production and mass production in the clothing, furniture and automotive industries - and in many other branches of industry.

In many areas of the manufacturing industry, the demands of an expanding global market lead to the innovation of existing processes. In many cases, this means shifting tasks that were previously done by hand to machines. This requires a machine technology which is powerful enough to increase the level of productivity already achieved, but at the same time is simple enough to pave the way for even beginners to embrace automatic cutting. Kuris has delivered this requirement with the TexCut series.

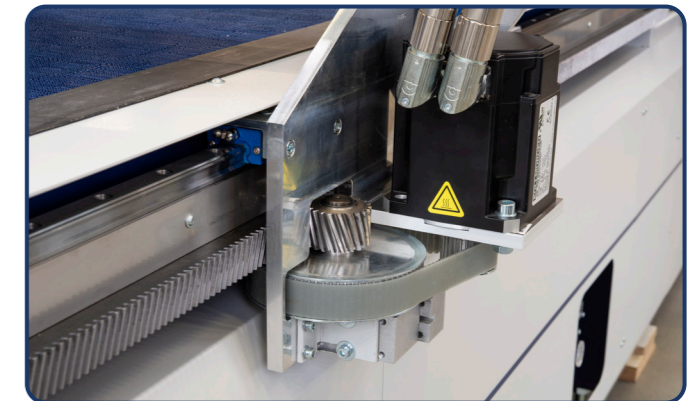
### BENEFITS:

- + Bristle belt with 2.2 m, 3.5 m or 4.5 m cutting window permits optimum adjustment to the size of the parts and cut files
- + Excellent cutting quality, also for cuts, difficult contours and hard materials due to automatic compensation of the knife bending (option: smart knife)
- + High cutting speed guarantees highly effective output even for single plies
- + Reduced energy consumption thanks to economic vacuum unit, vacuum output is optimally controllable (option)
- + Easy to operate thanks to fully developed operator guidance
- + Easy to service thanks to standardised components, low-maintenance
- + Fast and straightforward change of knife and cutting head thanks to patented service position
- + Automatic parallelism monitoring – no subsequent manual alignment of the layer package
- + Automatic plausibility check – prevents faulty cuts if an operating error occurs
- + Resealer for a better vacuum (option)

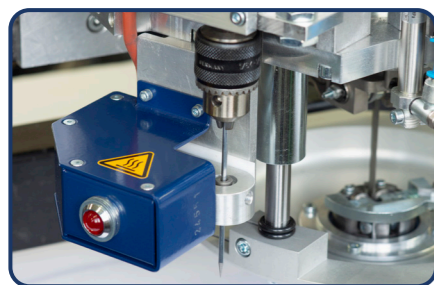
### Knife sizes:

- 1.2 x 5.5 mm
- 1.5 x 6 mm
- 2 x 6 mm
- 2 x 7 mm
- 2.5 x 8 mm
- 3 x 9 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.



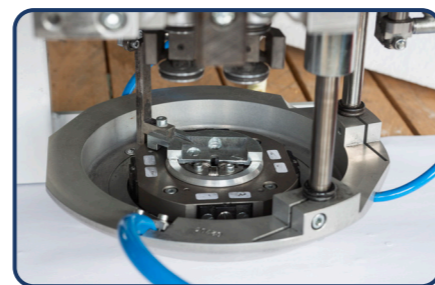
Gear drive for maintenance-free and precise running of the bridge incl. cutting head



Hot drill unit



Cooling device



Smart knife



Cutting head and control panel with readiness LED display







## TECHNICAL DATA:

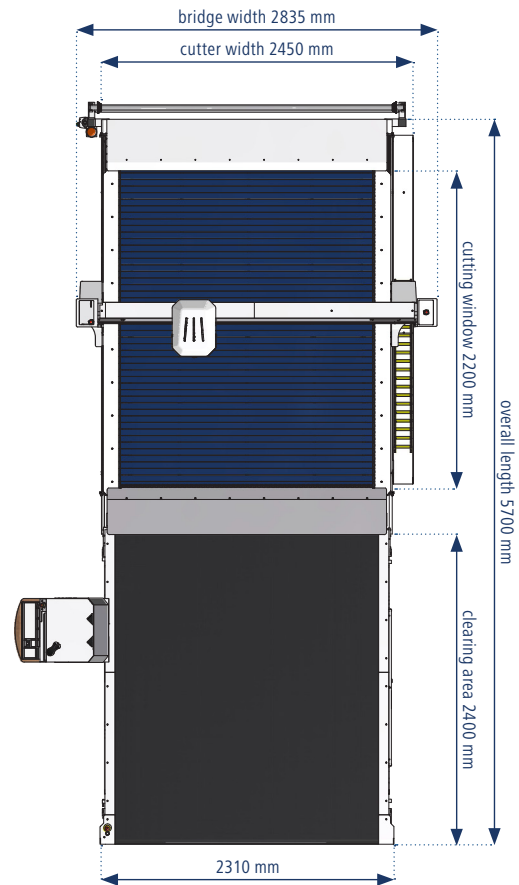
Max. cutting height:..... up to 100 mm compressed  
 Max. cutting speed:..... 90 m/min  
 Max. positioning speed:..... 120 m/min  
 Working widths: ..... 1.90 / 2.20 / 2.40 m (others available on request)  
 Table widths: ..... 2,30 m / 2,70 m / 3,30 m (others available on request)  
 Overall width of 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. 3600 - 3900 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:..... 18.5 - 30 kW  
 Compressed air (5-6 bar): ..... 10 l/min  
 (for drilling device):..... 230 l/min (temporarily)  
 Protection class: ..... Class 1

- Optionen:**
- 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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Technical changes maybe possible.