

MADE IN
GERMANY



TEXCUT

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 fibres, 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.



Cutting head and control panel with readiness LED display



Hot drill unit



Cooling device



Smart knife

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)



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

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)
 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 unitapprox. 3600 - 3900 kg
 Weight of the vacuum unitapprox. 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

- 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
 - Milling unit
 - "Smart knife" - Compensation for knife bending

Knife sizes: 1.2 x 5.5 mm | Our knives are available with different
 1.5 x 6 mm | coatings. The blades are optionally
 2 x 6 mm | equipped with either serrated or
 2 x 7 mm | saw tooth grinding and are made
 2.5 x 8 mm | from HSS or carbide.
 3 x 9 mm

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



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/textcut

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Technical changes maybe possible.