

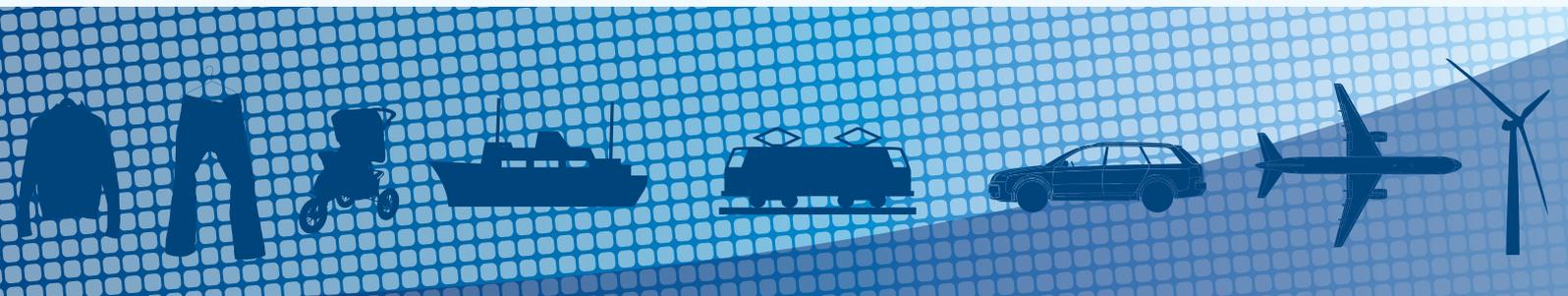
KURIS



Innovative high-tech quality products for cutting of technical textiles and special materials such as foils and veneers, aramid, carbon and glass fibers, prepregs and insulation material, sports and leisure products. The same applies for the sample and mass production concerning the garment, furniture and automotive industry - and in many other industrial facilities.

TexCut

25, 30, 45, 60, 70, 80
HIGH PLY CUTTER





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HIGH PLY CUTTER



The demands of a rising global market lead in many areas of the manufacturing industry to the innovation of existing processes . In many cases, this means shifting tasks on machines that were previously done by hand. This requires a machine technology which is powerful enough to increase productivity already achieved, but which is at the same time simple enough even for beginners to pave the way for the automatic operation.

Kuris has implemented this requirement using Tex Cut 25 to 80 machines.

RANGE OF APPLICATION:

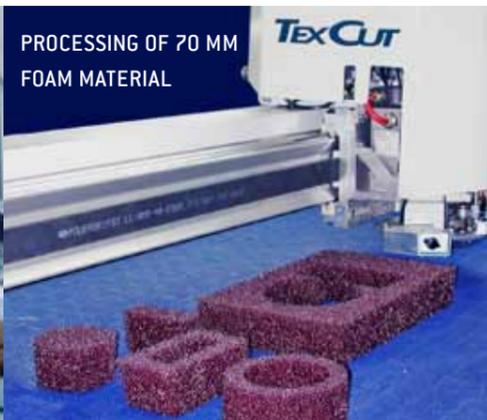
- + GARMENT INDUSTRY
- + AUTOMOTIVE INDUSTRY
- + AVIATION AND AEROSPACE INDUSTRY
- + FURNITURE INDUSTRY
- + CONSTRUCTION
- + BOAT INDUSTRY
- + RAILWAY INDUSTRY

BENEFITS AT A GLANCE:

- + BRISTLE BELT WITH CUTTING WINDOW 2.2M, 3.5M OR 4.5M OFFERS OPTIMUM ADJUSTMENT TO THE SIZE OF THE PARTS AND CUTFILES
- + EXCELLENT CUTTING QUALITY ALSO WHEN CUTTING, DIFFICULT CONTOURS AND HARD MATERIALS DUE TO AUTOMATIC COMPENSATION OF KNIFE BENDING (OPTION: SMART KNIFE)
- + HIGH CUTTING SPEED GUARANTEES A HIGHLY EFFECTIVE OUTPUT EVEN FOR SINGLE PLYS
- + REDUCED ENERGY CONSUMPTION THROUGH ECONOMIC VACUUM UNIT, VACUUM OUTPUT IS OPTIMALLY CONTROLLABLE (OPTION)
- + VERY EASY TO BE HANDLED BY FULLY DEVELOPED OPERATOR GUIDANCE
- + EASY TO MAINTAIN THROUGH STANDARDISED COMPONENTS, LOW-MAINTENANCE
- + FAST AND COMFORTABLE CHANGE OF KNIFE AND CUTTING HEAD, DUE TO PATENT-REGISTERED SERVICE-POSITION
- + AUTOMATIC PARALLELISM MONITORING- NO SUBSEQUENT MANUAL ALIGNMENT OF THE LAYER PACKAGE
- + AUTOMATIC SANITY CHECK PREVENTS FAULTY CUTS IF AN OPERATING ERROR OCCURS
- + RESEALER FOR A BETTER VACUUM



MILLING UNIT



PROCESSING OF 70 MM FOAM MATERIAL



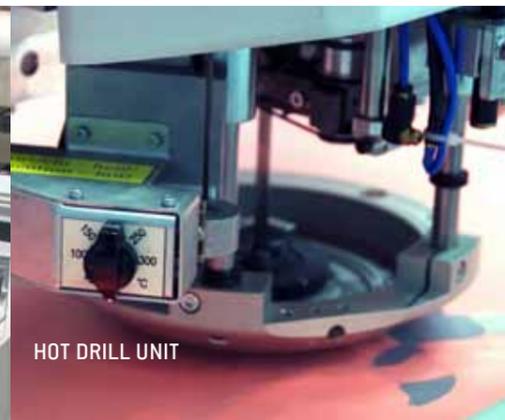
CUTTING HEAD WITH SEVERAL TOOLS



HOLLOW DRILL



OPTION: WITH SMART KNIFE



HOT DRILL UNIT



TECHNICAL DATA

HIGH PLY CUTTER TEXCUT 25, 30, 45, 60, 70, 80

Cutting heights : up to 80 mm compressed
Maximum cutting speed : 45 m/min
Positioning speed : 60 m/min
Working widths : 1.90 / 2.20 / 2.40 m (other ones 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 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

Operating voltage : 230 / 400 V, 50 / 60 Hz, 3-phased
Electrical power connection
cutter including conveyer belt : 4 kW
Economic vacuum system : 22 / 30 kW
Compressed air (5-6 bar) : 10 l/min
(for drilling facility) : 230 l/min (temporarily)
Weight of the cutter system : approx. 3600 - 3900 kg
Weight of the vacuum system : approx. 600 - 800 kg

Options : System in movable execution with respect to the take-over of layer packages from several tables
Pattern repeat and stripe processing
Electronic knife break control
Drawing device
Facility for hollow drilling up to 20 mm in diameter
Resealer for a better vacuum
Milling unit
»Smart Knife«

Knife sizes: 1,2 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 available with either serrated or saw tooth grinding and consist of HSS or carbide.

Kuris is a specialist in innovative spreading and cutting technology. The comprehensive product range provides solutions for your needs. In our demonstration room, both spreading and cutting systems are provided for general demonstration as well as to test using your own materials. We will be happy to assist you if you want to arrange an appointment with us.

KURIS Spezialmaschinen GmbH
Degginger Straße 6
D-73326 Deggingen-Reichenbach

Phone: +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

