

Reciprocating Knife Cutter – RKC1

Add a new level of versatility to a "C"-axis equipped CNC machine



Cut carpets to size – easier than ever!

The Reciprocating Knife Cutter is designed to add a new level of versatility to a "C"-axis equipped CNC machine.

It utilizes a standard spoil board to hold material. During cutting with the oscillating knife cutter the spring-loaded floating ring ensures optimum contact of the material with the surface underneath. Similar to a jigsaw, very small radiuses can be cut.

The very high reciprocating speed of up to 6.000 strokes per minutes ensures very effective machining with high federate speeds.

Feel free to contact us with any questions!

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Applications at a glance

The RKC1 is designed to cut cloth, fabric, leather, veneers, rubber, carpet, cork, vinyl, fiberglass mat, cardboard, linoleum and other similar products.

Technical data

Maximum rpm input $N_{max} = 5000 \text{ min}^{-1}$

Maximum rpm output $N_{max} = 6000 \text{ min}^{-1}$

Gear ratio $i = 1:1,2$

Allowable operating temperature 85°C

Maximum angle acceleration $A_{max} = 120 \text{ 1/s}^2$

Cutting stroke = 5 mm

Weight of the unit: ca. 3 lb

