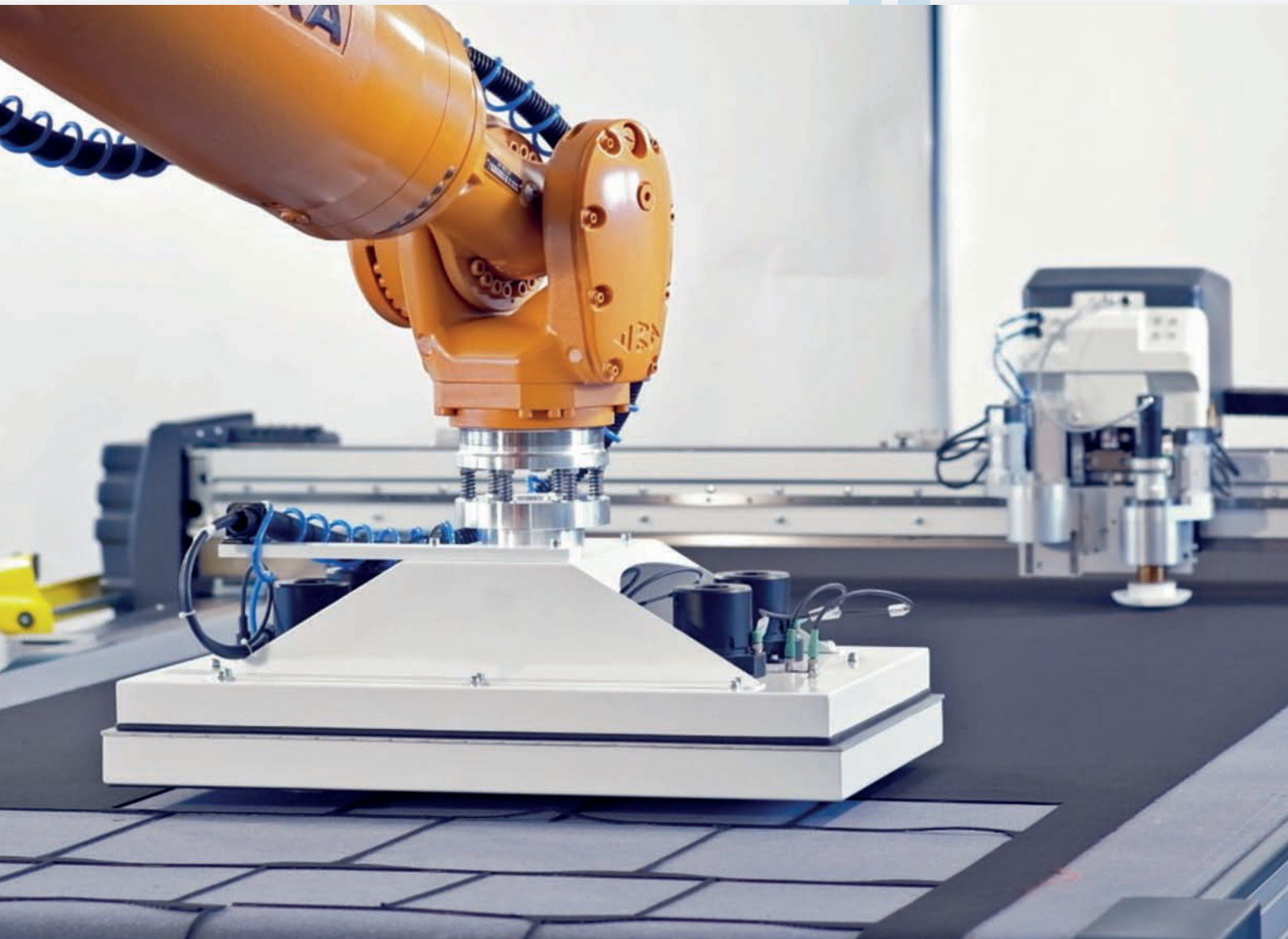


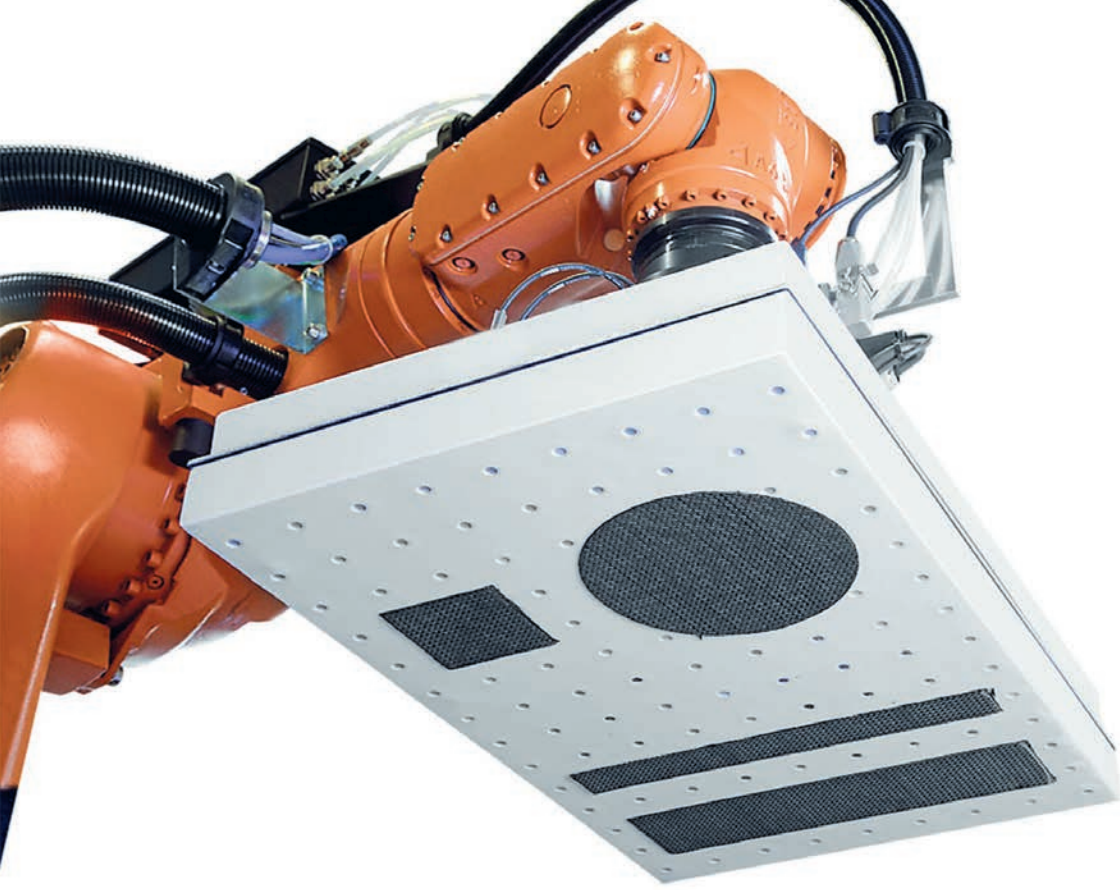
bullmer

cutting room technology



STRIPPING SYSTEM WITH ROBOTS AND GRIPPERS

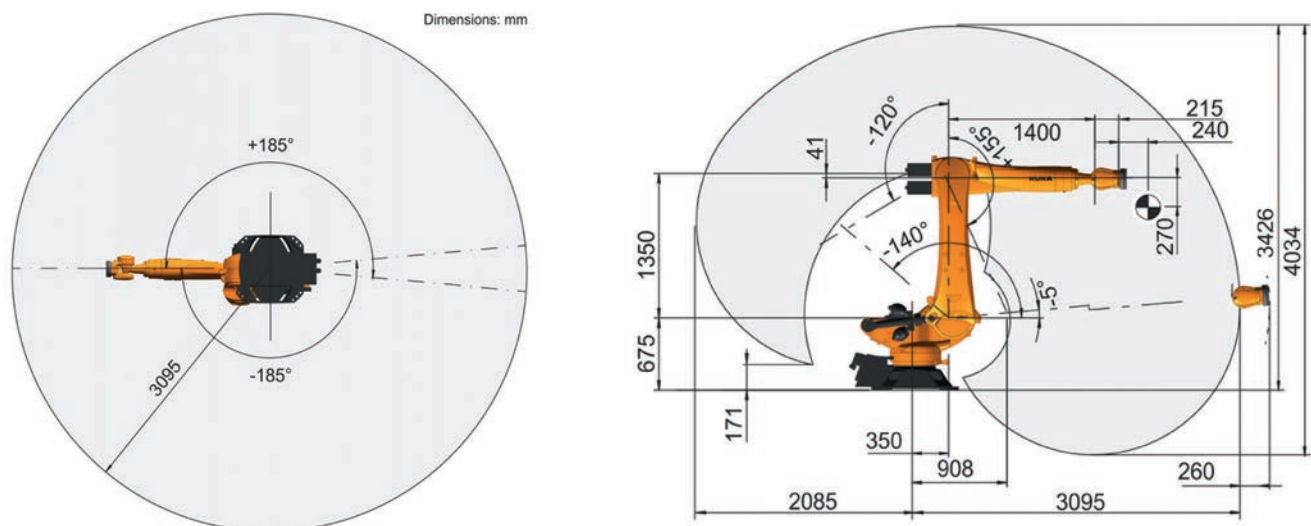
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 Germany



The stripper system (with robots and a gripper system) is especially suited for stripping material from cutter tables. Sectors such as fibre composite, automotive, textile / leather and aerospace require the selective removal of cut components from the nest.

This stripping system from bullmer is flexible, and can be smoothly integrated into existing production chains. Different gripper models encourage potential individual applications and can be adapted to your requirements.

Robot dimensions:



Technical specifications:

Number of axles	6
Number of controllable axles	6
Operating volume	84m ²
Accuracy of positional repeatability	(ISO 9283) ± 0,06mm
Weight	approx. 1092 kg
Rated load and working load	90 kg
Maximum range	3095 mm
Protection class	IP 65
Central hand protection class	IP 65
Noise level	< 75 dB (A)
Installation location	Ground
Area of installation	830 mm x 830 mm
Permissible angle of incline	≤ 5°
Standard colour of base frame	black (RAL 9005)

Matrix gripper with vacuum nozzles:



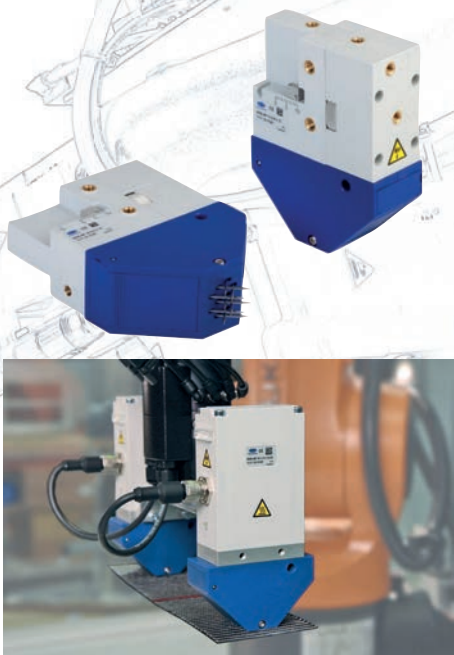
How it works

- Planar gripping with individually selectable vacuum targets for selectively picking up and placing a work piece.
- The planar gripping system makes it possible to position the work precisely and yields advantages in regard to dimensional accuracy and the maintenance of form.
- The gripper is able to adapt flexibly to the varied cut shapes by selectively focusing on the individual vacuum points.

Benefits

Especially suited for automated stripping of thinner and porous work pieces of cutter tables in the areas such as carbon fibre and other composites, the automotive industry, textiles and leather, and aerospace.

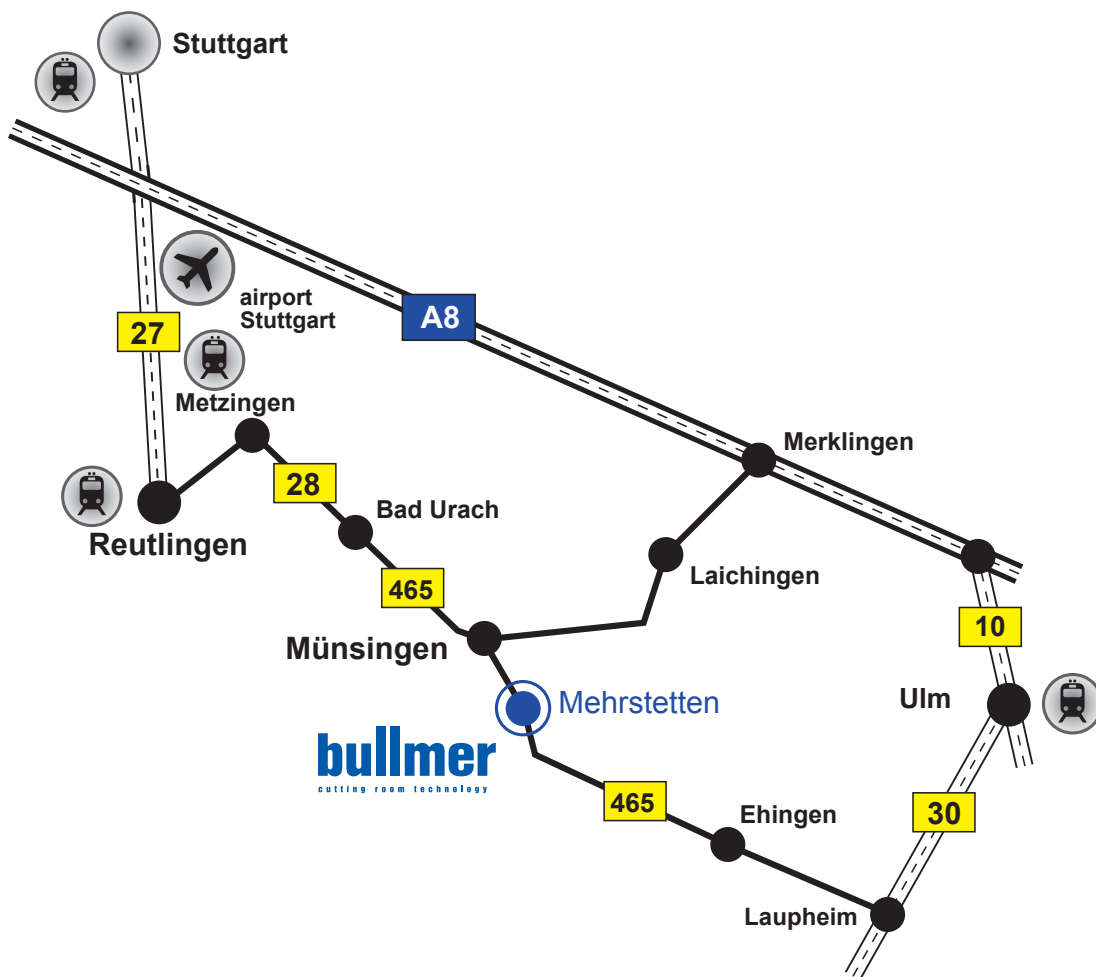
Pin gripper:



- Pin gripper for handling supple and highly porous material (especially textiles).
- Handling of materials resistant to suction such as some composite textiles, non-woven fabric, filter pad cut-outs, insulation material, foam plastics, etc.

STRIPPING SYSTEM WITH ROBOTS AND GRIPPERS

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The performance data listed here are dependent on the material processed and are valid provided operation is as prescribed and provided the prescribed materials, wear-and-tear parts, and original replacement parts are used. In addition, all technical data are non-binding in light of the dynamic advance of hardware and software development. Modifications in the service of technical progress are under reserve.