Ring Group

Since 1921

RING HIGH SPEED CNC 2026

Machine program

www.ring-group.com

Ring Group

Since 1921

PERFORATION TECHNOLOGY

PERFORATIONSMASCHINEN

CONTRACT PERFORATION

TOOL MANUFACTURING

DESIGN DEVELOPMENT

PERFORATION PATTERN DESIGN

DIE CUTTING TECHNOLOGY

DIE CUTTING MACHINES

DIE CUT TOOLS

EMBOSSING MACHINES

SPECIAL-PURPOSE MACHINE

AUTOMATION

PRODUCTION TECHNOLOGY

SHOE MACHINES

FURTHER DEVELOPMENT

CUSTOM SOLUTIONS

PKM AUTOMATION GMBH

PACKAGING LINES

GRID ROLLERS

RING & VESTER GMBH

ENGRAVING TECHNOLOGY

SPECIED SPARES FOR DIE-CUTTING MACHINES

ALKOMA GMBH-STANZEN & SERVICE BY RING

MODIFICATIONS & RETROFITS

EFFICIENCY. PRECISION. RELIABILITY.

Ring Group GmbH | D-66955 Pirmasens | Blocksbergstr. 151 | Tel. +49 6331 5181-0 | info@ring-group.eu | www.ring-group.com

About Us

With the rapid growth of electromobility and other alternative propulsion technologies, the requirements for vehicle interiors continue to increase. Ventilated seats have already become a standard feature in many mid-range and premium vehicles.

Perforation technology has also established itself as an integral part of modern automotive interiors. In addition to seats, perforated surfaces are increasingly used for headrests, door panels, and other interior components. At the same time, expectations regarding design and individuality are growing: perforation patterns are becoming more intricate, complex, and aesthetically sophisticated.

Traditional full-surface perforations are increasingly being replaced by creative perforation designs, decorative perforation strips, and customized patterns. As a result, vehicle interiors achieve a modern, premium, and exclusive appearance.

Conventional punching and perforation methods are increasingly reaching their technical limits when faced with these evolving requirements and can often no longer meet the desired standards of quality and design.

To address these challenges, our company has invested significant human, technical, and financial resources over recent years in the development of innovative perforation machines for automotive interior manufacturing. Today, our systems are successfully in operation at numerous renowned automotive manufacturers worldwide.

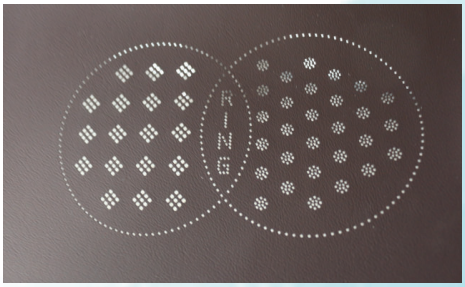
Our customers include, among others, Audi, BMW, Li Auto, XPeng, NIO, AITO (Wenjie), Xiaomi, and Hongqi.

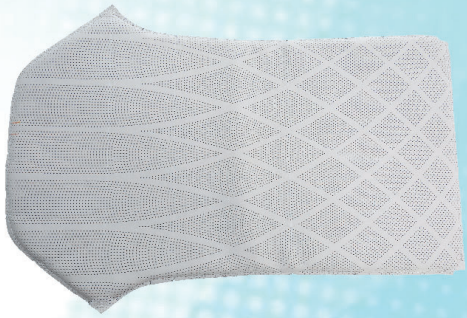




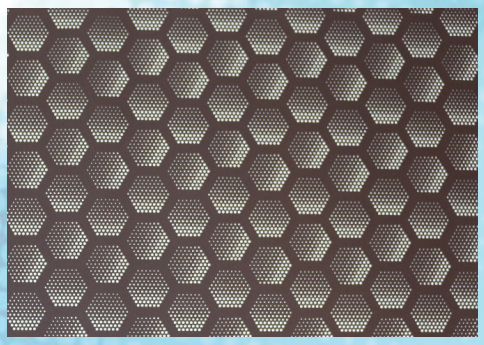
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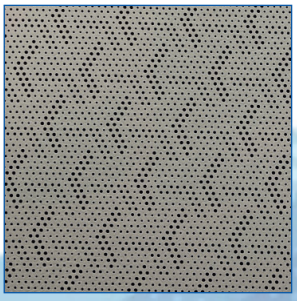


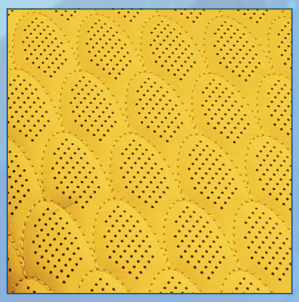


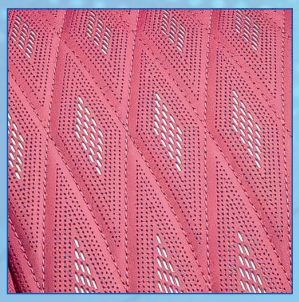


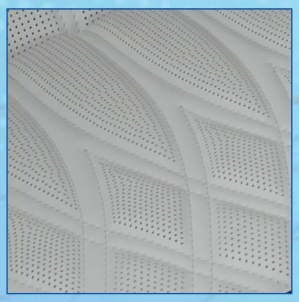


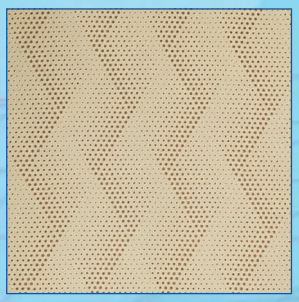








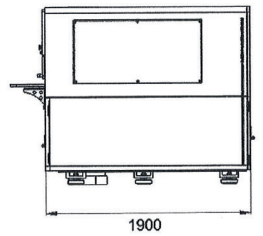


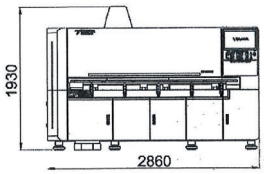


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RHS CNC 600/500-2







Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

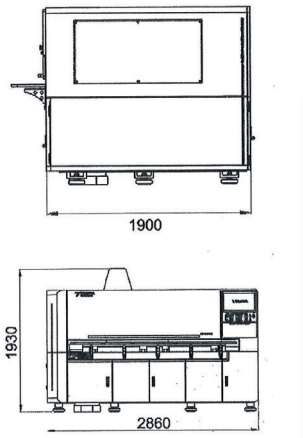
Model:	RHS CNC 600/500-2
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	600 × 500 mm (L × W) × 2
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,200 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,250 × 1,750 × 1,650 mm (L × W × H)
Machine Weight:	2,300 kg

The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

* RHS CNC / Ring High Speed CNC
* Ring LoPf / Ring Perforating Punches

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RHS CNC 900/600-2





Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

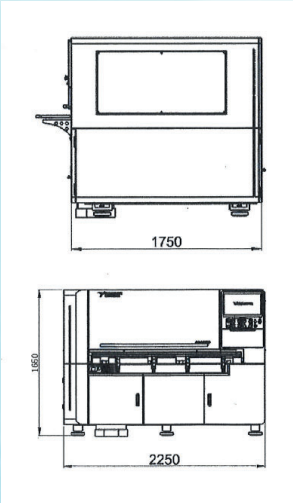
Model:	RHS CNC 900/600-2
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	900 × 600 mm (L × W) × 2
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,800 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,250 × 1,750 × 1,650 mm (L × W × H)
Machine Weight:	2,200 kg

The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

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RHS CNC 800/600





Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

Model:	RHS CNC 800/600
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	800 × 600 mm (L × W)
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,300 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,250 × 1,750 × 1,650 mm (L × W × H)
Machine Weight:	2,300 kg
Combination Punching Unit: 16 needles	

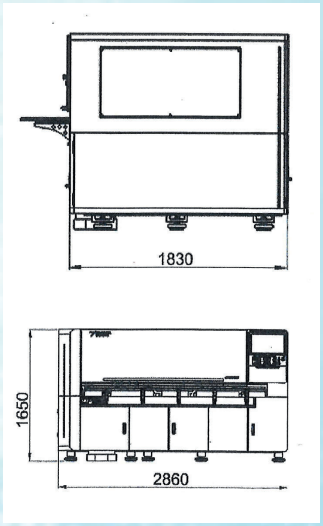
The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

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RHS CNC 1000/850-2





Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

Model:	RHS CNC 1000/850,2
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	1000 × 850 mm x 2 (L × W)
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,800 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,860 × 1,830 × 1,650 mm (L × W × H)
Machine Weight:	2,600 kg

The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

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RHS CNC 800/600-2



Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

Model:	RHS CNC 800/600-2
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	800 × 600 mm x 2 (L × W)
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,800 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,860 × 1,900 × 1,930 mm (L × W × H)
Machine Weight:	2,700 kg

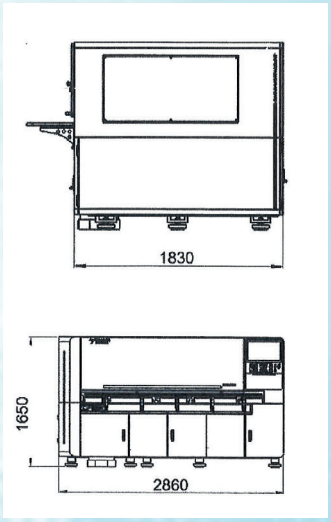
The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

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RHS CNC 1000/700-2





Including Quick-Set system for tool length and penetration depth adjustment and calibration.
Including a tool kit for simple maintenance and adjustment work on the machine.

Technical Description of the Machine:

Model:	RHS CNC 1000/700-2
Power Supply:	220 V, 50 Hz
Compressed Air Supply:	5 – 8 bar
Number of Tool Magazines:	2 × 6 positions
Perforation Area:	L 1000 × B 700 mm x 2 (L × W)
Ring Special LoPf Punch Diameter Range (Round):	0.6 – 12 mm
Ring Special LoPf Punches (Non-Round):	Price upon request
Perforation Speed:	Up to 1,300 holes per minute
Material Thickness:	Up to 6 mm (larger diameters available on request)
Machine Dimensions:	2,860 × 1,830 × 1,650 mm (L × W × H)
Machine Weight:	2,600 kg
Combination Punching Unit:	16 needles

The achievable hole diameters in the material depend on the type of material used, as well as its properties, thickness, and quality.

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Ring Group

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Sales Perforating Machines

Lucas Ring
Sales
Telefon +49 6331 5181-0
L.Ring@Ring-Group.eu

Christian Gehrlein
Sales / Prototype & Perforation Design Development
Telefon +49 6331 5181-271
Mobil: +49 173 3578348
Mail: C.Gehrlein@ring-group.eu

Axel Richter
Sales and Support Europa
Telefon +49 6331 5181-0
Mobil: +49 174 2793275
Mail: A.Richter@ring-group.eu

Sandra Schlotter
Inside Sales – Machinery / Tooling & Spare Parts
Telefon +49 6331 5181-914
Mail: S.Schlotter@ring-group.eu

Sales Contract Perforation

Benjamin Peters
Operations Manager
Contract Perforation
Telefon +49 6331 5181-245
Mobile: + 49 173 9699006
Mail: B.Peters@ring-group.eu

Maria Fischer
Contact Person / Contract Perforation
Telefon +49 6331 5181-226
Mail: ma.fischer@ring-group.eu

Sebastian Renneis
Production Manager
Telefon +49 6331 5181-242
Mail: s.renneis@ring-group.eu

Perforation Pattern Development

Jennifer Scheler
Prototype & Perforation Design Development
Telefon +49 6331 5181-271
Mail: j.scheler@ring-group.eu

Service-Abteilung - Perforiermaschinen

Friedrich Urich
Field Service Engineer
Telefon +49 6331 5181-0
Mobil: +49 1626991484
Mail: f.urich@ring-group.eu

Sven Dirie
Field Service Engineer
Telefon +49 6331 5181-0
Mobil: +49 15110821212
Mail: s.dirie@ring-group.eu

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Blocksbergstraße 151 | D-66955 Pirmasens

Phone +49 6331 5181-0 | info@ring-group.eu

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