



Guillotine Shears Prestige RGM 2504 NC

SKU : 470610

TRIAL MACHINE

Without CE mark, only for export to countries outside the EU

This model is part of the RMG NC series and is an advanced, precision-machined plate shearing machine with premium components. It features a powerful drive for superior cutting performance. The rigid construction with sliding-block guided cutter bar and a straight cutting angle enables cuts with minimal torsion in the workpiece. The kerf can be adjusted manually, and back gauge positioning is NC-controlled

- Solid steel weldment with sliding block guide
- NC-controlled back gauge can be easily programmed
- Automatic, semi-automatic, and manual modes
- Adjustable kerf



TECHNICAL SPECS

WORKING AREA

Working length	2550 mm
Cutting angle	1.5 deg
Work table height	850 mm
Work table depth	475 mm
Number of support arms	2 positions
Support arms	960 mm
Strokes per minute	29 H/min

BACK GAUGE

Rear stop	750 mm
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CUTTING CAPACITIES

Plate thickness (max.) - 450 N/mm ²	4 mm - 3 mm
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DRIVE CAPACITY

Motor rating main drive	7.5 kW
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MEASURES AND WEIGHTS

Overall dimensions (length x width x height)	3.3 m x 2.4 m x 1.42 m
Weight	3400 kg



PRODUCT DETAILS

Machine Frame and Drive System

- The machine frame is made of a very rigid, solid steel weldment and the cutter bar is sliding-block guided
- The high-precision guideway ensures clean cuts
- A rigid, continuous hold-down fixes the sheet metal plate right in front of the cut line
- The optimum kerf for the respective machining application can be manually set at the table

Ergonomic Design

- The rigid side angle stop simplifies precise alignment of the plate perpendicular to the cut line
- Rugged support arms ensure a strong hold of large plates
- Material support rollers are recessed in the table to simplify workpiece handling and avoid scratches on the workpiece
- The mobile foot switch gives the operator added flexibility and both hands are free for handling the workpiece
- The bright LED illumination of the cut line creates a clearly visible shadow on the marked line
- All lubrication points are easily accessible to simplify regular maintenance

Back Gauge

- The modern back gauge ensures precise positioning in automatic, semi-automatic and manual mode
- The NC-controlled back gauge can be easily and quickly programmed
- The easy accessible work area at the back gauge is secured by light curtain

Equipment

- High-quality electric components ensure reliable operation and maximum availability

Standard Equipment

- BRL 401.2NC back gauge control
- Motorized back gauge 750 mm
- Cut-line lighting
- Finger guard
- Light curtain back gauge
- Foot switch with emergency stop switch
- Lateral stop with scale and T-slots
- Support arms
- Manual kerf adjustment
- Table with material support rollers

Demo Machine: All machines of this type in the 2025 KNUTH portfolio include a special cutter for machining stainless steel plates.

The machine has been tested and is fully functional.



KNUTH on YouTube

Information to the point

On our YouTube channel you can find videos for nearly all machines from our program. We show the machines from current deliveries and you get an impression of the handling, the processing quality and the machining performance.

**Are you interested in a machine for which you cannot find a current video?
Please feel free to contact us!**