

Guillotine Shears

Prestige RGM 2504 NC

SKU : 470610

TRIAL MACHINE

This model is part of the RGM 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.