



## RGMS Mechanical Guillotine 415V

The RGMS range of powered mechanical guillotines are designed for fast, accurate, cutting of sheet material.

They are available in a wide range of capacities and feature a programmable, powered back gauge.



### Features and Benefits



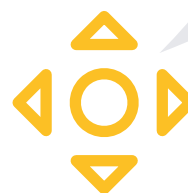
**1350 to 3100mm  
Cutting Widths**



**3 to 4mm Shearing  
in Mild Steel**



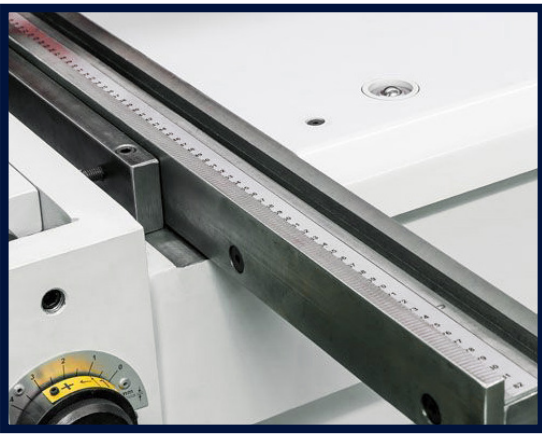
**Standard 750mm  
Back Gauge Range**



**Foot pedal control**



**Options include  
Pneumatic Sheet  
Supports**



**FRONT SUPPORT ARM WITH INTEGRATED RULE**



**BLADE GAP ADJUSTMENT**



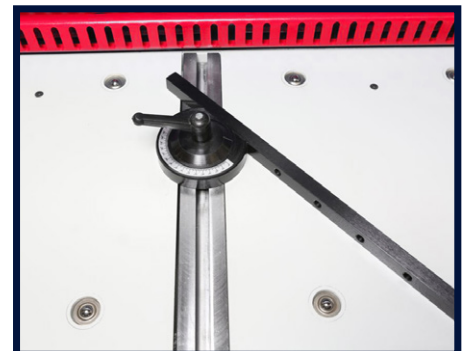
**STANDARD BACK GAUGE SYSTEM**



**BACK GAUGE MOTOR**



**REAR VIEW OF THE MACHINE**



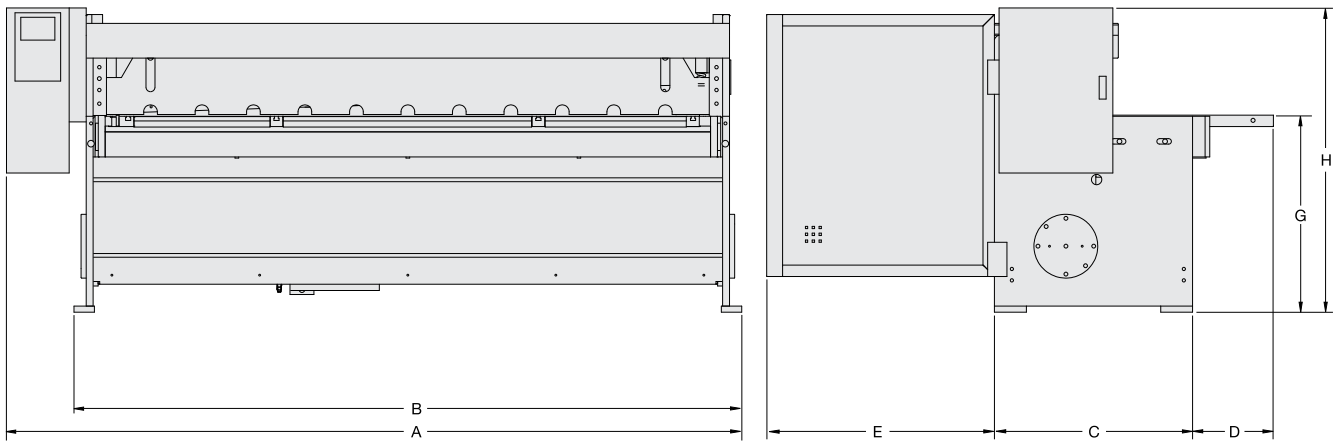
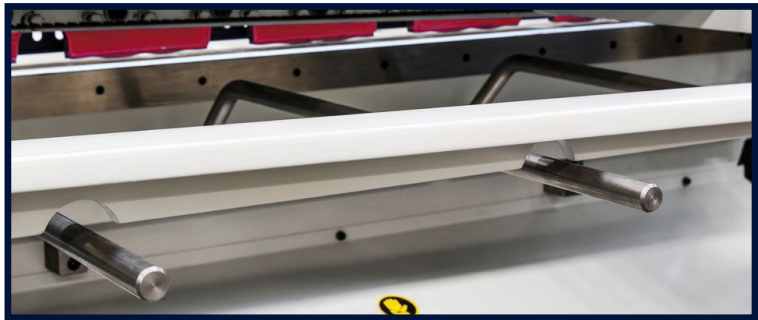
**OPTIONAL ANGLE GAUGE SYSTEM**

## Machine Features

- All steel-plate, welded construction provided with static and dynamic frame rigidity
- Rigid cutting beam working inside double bronze guides with graphite
- Precise blade adjustment from top beam
- Mechanical sheet clamping system
- Low-noise, sturdy direct-drive reduction motor
- Easily table-adjusted secure blade gap system
- Shear blades from tough and wear resistant alloyed material
- Front gauging and supports for cutting wide sheets
- Manual back gauge with hand wheel stroke 750mm on 1.5 / 2.0 / 2.5 / 3.0m, stroke 600mm on 1.3m
- Manual blade gap adjustment with position scale
- Switch button to choose from single or repetitive cutting or inching modes
- Foot pedal console with emergency stop button and hand grip to move easily
- Squaring arm with scale, T-slot, flip-stop
- Two front support arms
- Hold down beam with rubber pads to protect sheets
- Blades with four cutting edges (bottom blade) and two cutting edges (top blade).
- Protective front and rear cover plates.
- Rear light guard with side fences in accordance with CE regulations

## Options Equipment

- Power back gauge including digital NC with programmable positioning and piece counter.
- Pneumatic rear sheet support.
- Work table with filler plates and ball transfers
- T-slot and flip-stop on front arms
- Led illumination with shadow line
- Front side collection box up to 300mm pieces
- Central lubrication by hand pump
- Angle gauge with scale 0°-180°
- 1000mm back gauge stroke
- Squaring arm and front support arms other than standard length



## TECHNICAL SPECIFICATIONS

| MODEL         | STOCK CODE | CUTTING LENGTH | SHEARING CAPACITY<br>(≤ 450N/MM <sup>2</sup> ) | SHEARING CAPACITY<br>(≤ 700N/MM <sup>2</sup> ) | CUTTING ANGLE | STROKES PER MINUTE | BACK GAUGE TRAVEL | MAIN MOTOR | TOTAL LENGTH (A) | MACHINE LENGTH (B) | MACHINE WIDTH (C) | SUPPORT ARM<br>OVERHANG(D) | REAR GUARDING<br>WIDTH(E) | TABLE HEIGHT (G) | MACHINE HEIGHT (H) | WEIGHT |
|---------------|------------|----------------|--|--|---------------|--------------------|-------------------|------------|------------------|--------------------|-------------------|----------------------------|---------------------------|------------------|--------------------|--------|
|               |            | mm             | mm   | mm   | degrees       | cuts / min         | mm                | kw         | mm               | mm                 | mm                | mm                         | mm                        | mm               | mm                 | kg     |
| RGMS 1350/3.0 |            | 1350           | 3  | 1.5  | 2.2°          | 40                 | 750               | 3          | 2,030            | 1,720              | 680               | 460                        | 800                       | 800              | 1,200              | 1,150  |
| RGMS 1560/4.0 |            | 1540           | 4  | 2.5  | 2.0°          | 40                 | 750               | 5.5        | 2,250            | 1,940              | 870               | 360                        | 1,000                     | 860              | 1,200              | 2,200  |
| RGMS 2100/4.0 |            | 2100           | 4  | 2.5  | 1.8°          | 38                 | 750               | 7.5        | 2,810            | 2,500              | 870               | 360                        | 1,000                     | 860              | 1,200              | 2,600  |
| RGMS 2560/4.0 |            | 2540           | 4  | 2.5  | 1.8°          | 38                 | 750               | 7.5        | 3,250            | 2,940              | 870               | 360                        | 1,000                     | 860              | 1,200              | 3,000  |
| RGMS 3100/3.0 |            | 3100           | 3  | 1.5  | 1.5°          | 38                 | 750               | 7.5        | 3,840            | 3,530              | 870               | 360                        | 1,000                     | 860              | 1,200              | 3,600  |
| RGMS 3100/4.0 |            | 3100           | 4  | 2.5  | 1.5°          | 38                 | 750               | 7.5        | 3,840            | 3,530              | 1,070             | 360                        | 1,000                     | 860              | 1,500              | 5,000  |