



DIRECT-DRIVE GUILLOTINE SHEAR
RMT

The RMT motorised shear has a unique design enabling the machine to be fitted with a good variety of optional accessories that help operators handle the pieces in shorter lead times



DESIGN AND OPERATING 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

Easily table-adjusted secure blade gap system

Low-noise, sturdy direct-drive gear motor

Shear blades from tough and wear resistant alloyed material

Front gauging and supports for cutting wide sheets

Motor is mounted outside the main frame, thus allowing a totally free area under the table

Main shaft is directly coupled with the motor reduction box to ensure that power output is continuous for efficient and smooth cutting cycles

STANDARD EQUIPMENT

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

OPTIONAL EQUIPMENT

Power backgauge including digital NC with programmable positioning and piece counter

Pneumatic rear sheet support to the back

Pneumatic rear sheet support to the front

Pneumatic rear sheet support with user setting to the back or to the front

Sheet shute to the front

Sheet wagon movable on wheels

Work table with filler plates and ball transfers

Led illumination with shadow line

Central lubrication by hand pump

Angle gauge with scale 0°-180°

1000 mm backgauge stroke

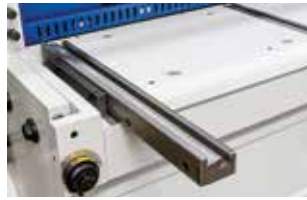
Squaring arm and front support arms other than standard length

Rear light guard and side fences in confirmation with CE Norms

Standard useful features cut off cycle times



Two sided blade gap adjustment with position indicator



Squaring arm with scale



Rubber pads under holddown to avoid any marks or scratch on sheets



Motor mounted outside the machine frame to leave a totally free area under the table



Control panel and electrical circuit in the same cabinet for easy reach



Foot pedal console with emergency stop button and hand grip



The RMT with its robust construction allows the users to get precise cuts without twists even on narrow strips

Various optional accessories provide solutions to different customer demands

Pneumatic rear sheet support with three different executions



a) Sheets to the front



b) Sheets to the back



c) Sheets to the back or front with user setting



Rollers on arms of pneumatic sheet support



Full CE conformity protection with multi-beam light barriers and enclosures



High quality programmable digital NC controller

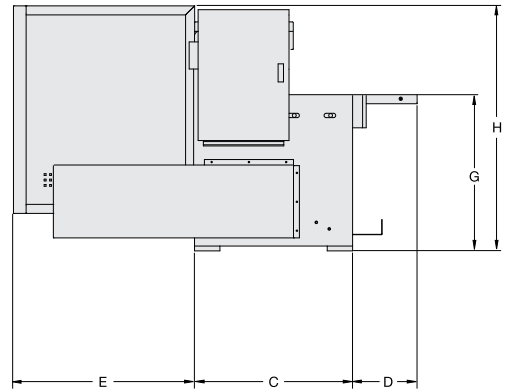
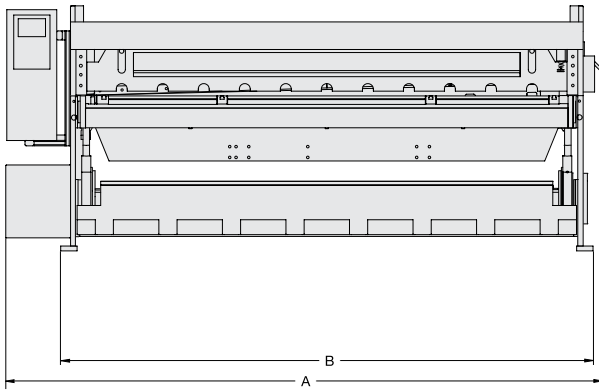


Sheet shute to bring cut plates to the front



Sheet wagon movable on wheels

TECHNICAL DATA



| | | RMT 1360x3 | RMT 1560x4 | RMT 2100x4 | RMT 2560x4 | RMT 3100x3 | RMT 3100x4 |
|---|-----------|---------------|---------------|---------------|---------------|---------------|---------------|
| Cutting length | mm | 1320 | 1530 | 2090 | 2530 | 3100 | 3080 |
| Shearing capacity $\leq 450\text{N/mm}^2$ | mm | 3 | 4 | 4 | 4 | 3 | 4 |
| Shearing capacity $\leq 700\text{N/mm}^2$ | mm | 1.5 | 2.5 | 2.5 | 2.5 | 1.5 | 2.5 |
| Rake angle | degree | 2.2° | 2.0° | 1.8° | 1.8° | 1.5° | 1.5° |
| Strokes per minute | cuts/min. | 40 | 40 | 38 | 38 | 38 | 38 |
| Back gauge range | mm | 600 | 750 | 750 | 750 | 750 | 750 |
| Motor power | kW | 3 | 5.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| Weight | kg | 1190 | 2240 | 2650 | 3050 | 3660 | 5080 |
| A | mm | 2070 | 2290 | 2860 | 3300 | 3890 | 3890 |
| B | mm | 1720 | 1940 | 2500 | 2940 | 3530 | 3530 |
| C | mm | 680 | 870 | 870 | 870 | 870 | 1070 |
| D | mm | 460 | 360 | 360 | 360 | 360 | 360 |
| E | mm | 800 | 1000 | 1000 | 1000 | 1000 | 1000 |
| G | mm | 800 | 860 | 860 | 860 | 860 | 860 |
| H | mm | 1220 | 1360 | 1360 | 1360 | 1360 | 1500 |

Design and specifications are subject to change without notice.



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