



# 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
- Switch button to choose from single or repetitive cutting or inching modes
- Manual blade gap adjustment with position scale
- 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

## 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

## 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

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



Extendable support arm reduce the force required to carry when sheets worked on the table.

Parallel to the cutting line, precisely milled grooves with 10mm increments give a reference point

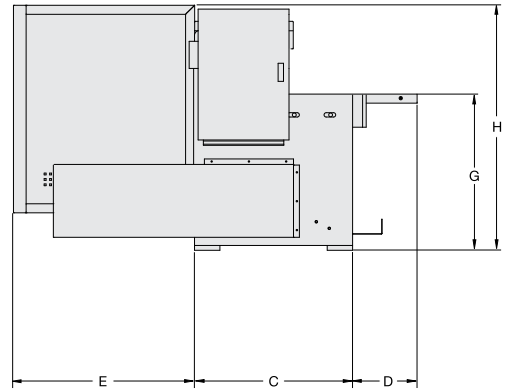
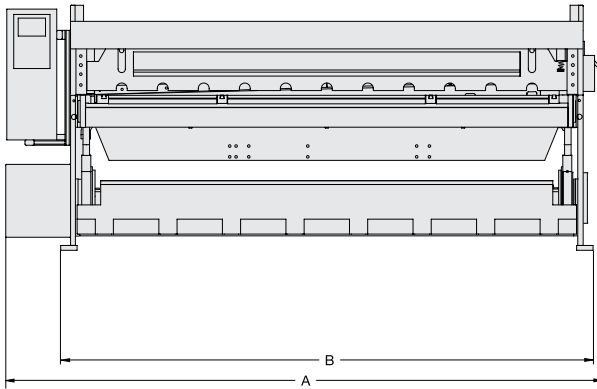


Holddown beam allows operator get as much as close to the cutting point to follow the process comfortably.

By its telescopic movement feature, it can be positioned anywhere along its stroke. When not in use it can be slid into the table hidden.



## 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.



BURNET MAKİNE SANAYİ VE TİCARET LTD. ŞTİ.

NOSAB Atatürk Bulvarı No : 1/A  
16140 Nilüfer – Bursa / TURKEY

Tel : +90 224 342 17 00

Fax : +90 224 342 17 50

info@burnetmakina.com

www.burnetmakina.com