

ROLLMAT

Roller die cutter for cardboard, hard foil, fabric

- Precision cutting with simple flat bed wood/steel blade dies
- Manual and automatic production cycles
- Widths from 800mm to 2500mm
- Production speed max: 20-30 cut cycles/min
- Welded and iron cast steel structure frame
- Produce your own die-cut boxes in-house
- Only minimal training required – no need for skilled labour
- Change from one die to the next in seconds
- Convert a range of materials from 0-13mm (1/2") thickness
- Powered in-feed and out-feed of the die



Made in European Union

www.zemat.com

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ROLLMAT - quick overview

- Zemat TG range of **ROLLER DIE CUTTING** machines has been developed to give companies the flexibility to produce short runs of die-cut boxes, quickly and easily.
- The **ROLLMAT** is set-up and ready to start producing boxes in seconds. The user can produce any size and design of box at a moments notice using a conventional wood form, cutting die.
- With the ability to exert up to 150 tons of cutting pressure, the **ROLLMAT** can convert all types of corrugated board, solid fiberboard and plastics, giving exceptional flexibility. The use of a Mitsubishi PLC control system offers three modes of operation: single, double or automatic transfer. Depending on the level of production required, either one or two machine operators can be used.
- Each **ROLLMAT** die cutting machine is manufactured to the same high standards as the rest of the Zemat TG equipment, resulting in a solid, durable machine, that is robust and reliable. As with all Zemat TG products, to keep your production running at maximum efficiency full service and maintenance backup is available.



Main applications:

- Corrugated boards: 2, 3 and 5-layers
- Packaging: clam shell, blister packs, inserts
- Stationery
- Nonwovens
- Leather and reinforced or laminated soft plastics
- Foams: full spectrum of various density foams up to 100mm thick
- Wall Solid Fibreboard: up to 5mm (3/16") (depending on density)
- Plastics: hard foils, PVC, PP, PET, PE, HDPE, Thermoformed films

Features:

- Work table widths 800-2500mm
- Auto Stop (after transfer) on both tables
- Use of conventional wood form, steel blade cutting dies
- Audible alarm signaling machine start
- Three modes of operation: single, double or automatic transfer
- Optional table extensions available
- Programmable number of cycles
- Upper roller is coated in high resistance polymer
- Safety gates for stop and power off
- High production capacity with programmable PLC
- Manual, semi-automatic and automatic operation
- CE, EMC, EU, FCC and OSHA compliant

➤ Custom built available upon request. Each machine is built according to customers needs. We can modify and adjust any of the above parameters if required at additional cost.

Technical specification

	WWP08	WWP12	WWP15	WWP18	WWP25
Working width	800 mm	1200 mm	1500 mm	1800 mm	2500 mm
Distance between shafts	0 - 100 mm				
Punching tool moving speed	0.8 m/s				0.7 m/s
Cycle time	4 - 10 s				
Installed power	0.75 kW	0.75 kW	1.5 kW	1.5 kW	2.2 kW
Shafts diameter	210/200 mm				310/310 mm
Length of each table	1600 mm	1900 mm	3000 mm	3000 mm	3400 mm
Length/width/height [cm]	360/130/140	420/170/140	650/200/140	650/230/140	750/310/155
Approximate weight [kg]	c. 1100 kg	c. 1300 kg	c. 1500 kg	c. 1700 kg	c. 2100 kg



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