



ZM-320

ROTARY / SEMI-ROTARY OFFLINE LABEL FINISHING SYSTEM

**FINISH WITH FLEXIBILITY.
PRODUCE WITH CONFIDENCE.**

Two die-cutting modes. One versatile finishing platform.



THE RIGHT MODE FOR EVERY RUN.

The Weigang ZM-320 features a dual-function die-cutting station that operates in both semi-rotary and full-rotary modes. Choose the right mode for the run length, application, and production requirements—all within one flexible offline finishing platform. This versatile design helps converters handle a wider range of jobs, improve production efficiency, and expand their finishing capabilities without investing in separate die-cutting systems.

SEMI-ROTARY

UP TO 213 ft/min

65 m/min

- Registered die cutting for short and mid-length production
- One large magnetic cylinder—change the flexible die for new applications
- Matched web tension helps maintain control through the finishing process

FULL ROTARY

UP TO 394 ft/min

120 m/min

- Registered rotary die-cutting for longer production runs
- Higher output when the job calls for greater throughput
- Move between rotary and semi-rotary production on the same platform

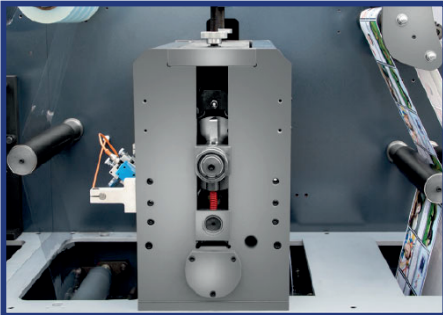


ONE PLATFORM. MORE WAYS TO FINISH.

Finish short runs, long runs, and changing job requirements with the mode best suited to the work.

MORE THAN DIE CUTTING. A COMPLETE FINISHING WORKFLOW.

Configure the ZM-320 around the applications you produce. Integrated web handling and available finishing modules bring multiple converting processes together in one compact offline platform.



REGISTERED DIE CUTTING

Run rotary or semi-rotary production with register control.



FLEXO VARNISH

Add flood or registered varnish for protection and visual impact.



COLD FOIL

Create metallic decoration that adds premium shelf appeal.



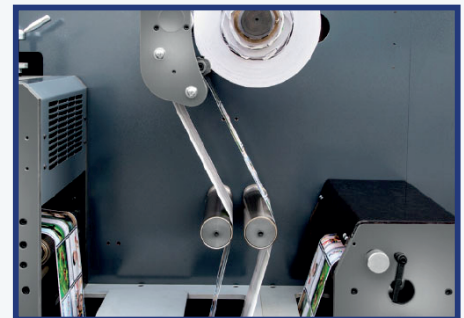
LAMINATION

Add a protective film layer as part of the finishing workflow.



SLITTING & EDGE TRIM

Convert the finished web into clean, production-ready rolls.



MATRIX REMOVAL

Remove waste matrix efficiently before final rewinding.

SUPPORTED IN THE USA BY DIGITAL PRESS TECHNOLOGIES

Digital Press Technologies provides application consultation, professional installation, operator training, technical service, and ongoing production support to help converters get the greatest value from their finishing investment.

APPLICATION GUIDANCE • INSTALLATION • TRAINING • U.S.-BASED SERVICE & SUPPORT

MAIN TECHNICAL PARAMETERS

Model	ZM-320
Maximum Web Width	12.60 in (320 mm)
Maximum Die-Cutting Width	11.81 in (300 mm)
Rotary Die-Cutting Speed	Up to 393.7 ft/min (120 m/min)
Semi-Rotary Die-Cutting Speed	Up to 213.3 ft/min (65 m/min)
Rotary Die-Cutting Length	8.15–22.44 in (207–570 mm)
Semi-Rotary Die-Cutting Length	3.94–17.72 in (100–450 mm)
Die-Cutting Accuracy	±0.0039 in (±0.1 mm)
Minimum Slitting Width	0.79 in (20 mm)
Maximum Unwind Diameter	27.56 in (700 mm)
Maximum Rewind Diameter	23.62 in (600 mm)
Power Supply	380 V, 3-phase
Approximate Weight	5,732 lb (2,600 kg)*
Dimensions (L × W × H)	126.8 × 66.1 × 65.4 in (3220 × 1680 × 1660 mm)*

PRODUCTION PLATFORM

- Unwinder with pneumatic roll lift
- Automatic web guide
- Registered rotary / semi-rotary die cutting
- Fully servo, shaftless drive system
- Rexroth-Bosch servo motors and control
- Inline slitting and dual rewinding

AVAILABLE FINISHING CONFIGURATIONS

- Flexo varnish
- Cold foil / cold stamping
- Lamination
- Matrix removal
- Slitting and edge trimming
- Configured around production requirements

READY TO BUILD A MORE FLEXIBLE FINISHING WORKFLOW?

Contact Digital Press Technologies to configure the ZM-320 around your production requirements.

*Weight and dimensions shown for one die-cutting unit plus one slitting unit. Specifications are subject to configuration and change.