

DieMaster RR Series by AZTECH

Modular High-Speed Rotary Die-Cutting System with Web Re-Registration

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AZTECH CONVERTING SYSTEMS
www.aztechconverting.com

DieMaster RR Series by AzTech

Modular Servo Rotary Die-Cutting System

The DieMaster RR Series is a servo-driven modular system that combines productivity, versatility, and operator efficiency all at an attractive price. The DieMaster is extremely versatile in that it can convert a wide variety of substrates from thin, unsupported films to thick synthetic and gasket materials, and can be configured to perform numerous converting tasks such as Re-registration Die-Cutting, ECL/Coupon Label Converting, and Digital Post-Press Die-Cutting and Sheeting.



Touch-screen operator control panel for precise and easy adjustments.



Adjustable sensor electronically sends web corrections to the servo-drives.





Finished roll dual-rewind spindles and slitting station shown with rotary shear knives. Also available with pneumatic rotary crush knives, and razor slitting.

For nearly 30 years AZTECH Converting Systems has provided innovative equipment solutions to the printing and converting industries.

Providing reliable equipment, and prompt, consistent service are our goals and our reputation is our livelihood. We insist that our team represent AZTECH with a high level of ethics, integrity and support that our clients demand and respect.

Standard Features

- Dual servo drive system with 40" diameter unwind, electronic sensor, and user-friendly touch-screen control panel.
- Pneumatically inflatable 3" diameter unwind and dual independent reversible rewind spindles.
- Interchangeable slitting station module with choice of rotary shear or razor (pneumatic crush extra).
- Two fully supported and dual sideframed invertible die stations, complete with fully hardened anvil rolls and die blocks.
- 26" diameter pneumatic waste windup.
- Ultrasonic web guide for processing both clear and opaque materials.
- Programmable multi-function counter.
- Heavy-duty Servo variable speed main drive motor, with (2) 1 hp DC clutchless rewind motor drives.
- Fanfolder, conveyor and stacker adaptable.

Optional Features

- PLC controlled tension with operator-friendly touch screen.
- Flexographic printing and coating stations with hot air, IR, or UV drying.
- Additional fully supported and dual sideframed die station.
- 20" diameter lamination tower with roll noise reducer and nip roll.
- Small size die adapter to utilize virtually any length, width, or model 1/8 CP tool.
- Hot and Cold Foil Stamping
- Additional 26" diameter pneumatic waste windup.
- Hydraulic unwind roll lift/loader.
- Forward inspection table.
- Die pressure equalizer designed to keep consistent pressure at both ends, significantly extending die life.
- Die lift systems to safely load and unload dies and rollers, avoiding injury and die damage.
- May be customized to precise needs. Call for details.

System Specifications

Max. Web Width: DMRR 4013: 13" (330mm)
DMRR 4018: 18" (457mm)
DMRR 4020: 20" (508mm)

Max. Web Speed: 500 fpm (152 m/min)

Unwind Capacity: 40" (1016mm) max. roll diameter

Rewind Capacity: 16" (406mm) using dual spindles
24" (609mm) with slitting station removed

Waste Windup: 26" (660mm) max. roll diameter

Die Repeat: DMRR 4013: 5.25" (133mm) min.
24" (609mm) max.
DMRR 4018: 8" (203mm) min.
24" (609mm) max.
DMRR 4020: 10" (254mm) min.
24" (609mm) max.

Proudly Manufactured in the U.S.A.



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