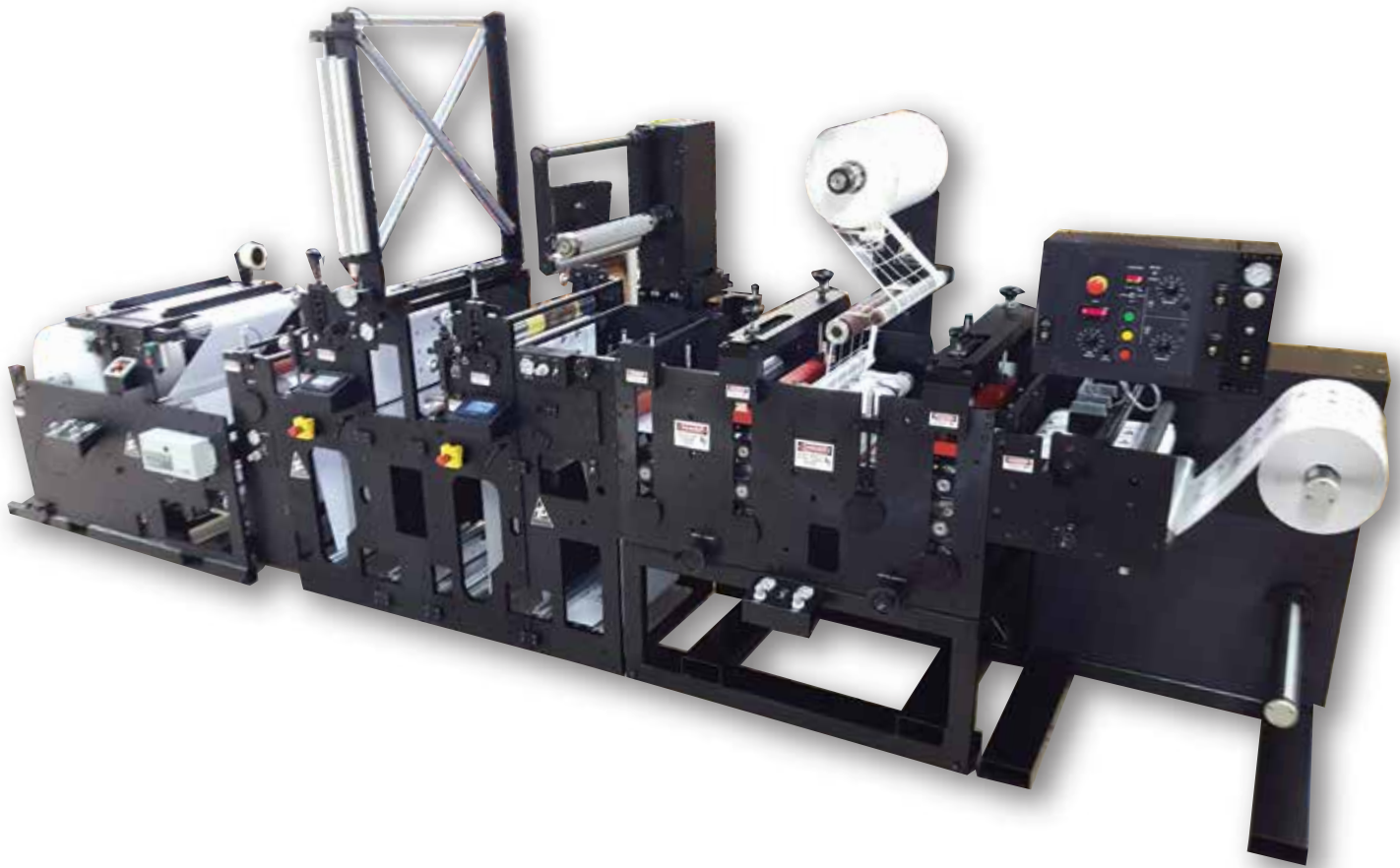


DieMaster Series by AZTECH

Modular High-Speed Rotary Die-Cutting System

AZTECH...*Converting Your Success*



AZTECH
CONVERTING SYSTEMS

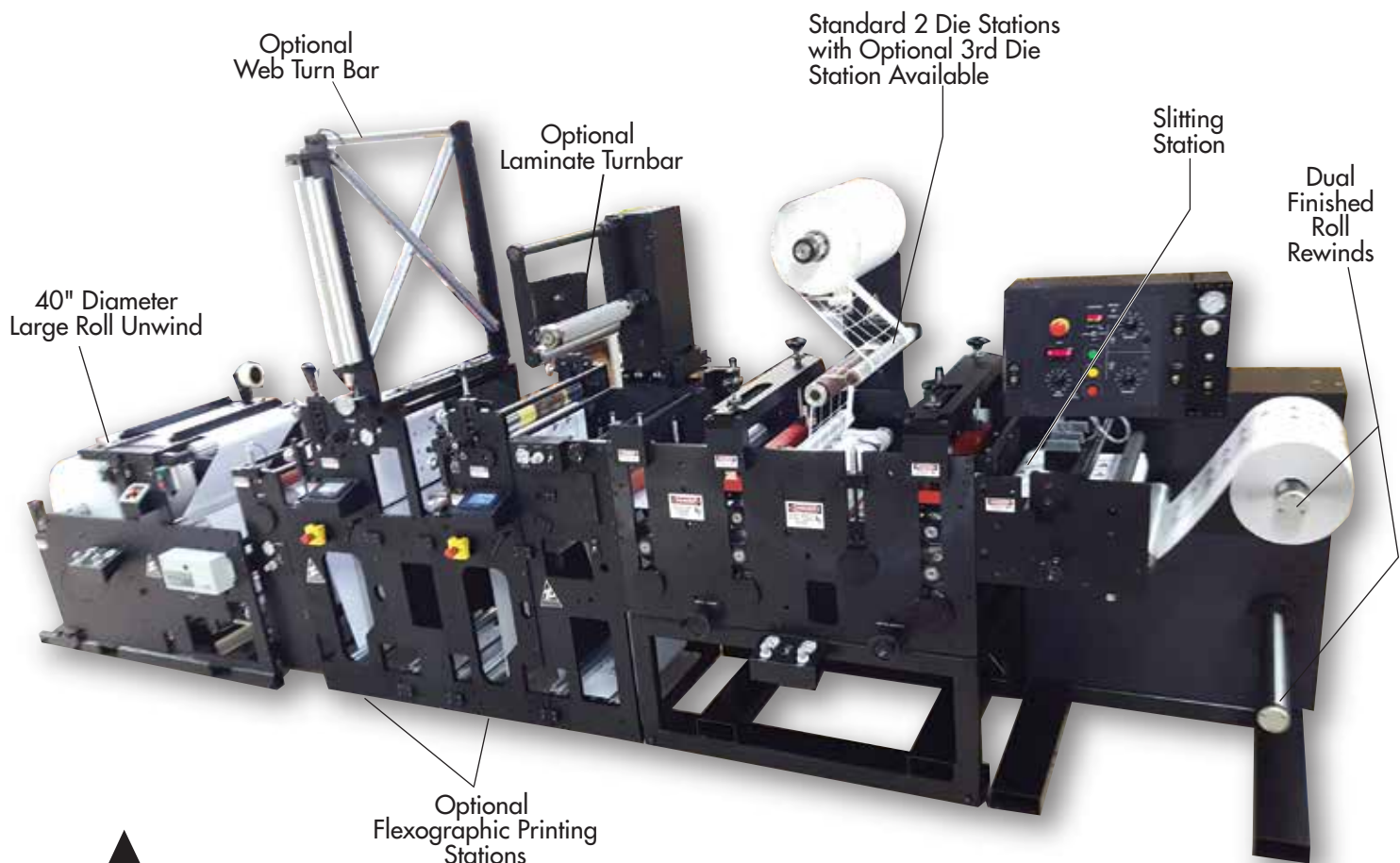
AZTECH CONVERTING SYSTEMS

www.aztechconverting.com

DieMaster Series by AZTECH

Modular High-Speed Rotary Die-Cutting System

The AZTECH DieMaster Series modular high-speed rotary die-cutting system is designed specifically to make your company more profitable in the competitive unprinted label and tag market. Equipped with a 40" diameter unwind station, precise die-to-die registration, and dual rewind spindles, the DieMaster is able to diecut and finished roll rewind in a single pass, far outperforming conventional converting methods. It is extremely versatile, able to convert substrates ranging from thin unsupported films, to thick tag and gasket substrates, and with its programmable counter, inspection strobe light, and optional missing label and flag detection, makes an effective and productive finished roll rewind/inspection machine. The DieMaster is available in 10" (254mm), 13" (330mm), 18" (457mm) & 20" (508mm) wide models, and with the optional die/tool adapter, is able to accommodate almost any 1/8CP rotary tools and dies.



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 expect.

Standard Features

- Rigid all steel frame with dual-sided dieframes for maximum support and durability.
- 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 waste windup with adjustable capstan.
- Ultrasonic web guide for processing both clear and opaque materials.
- Programmable multi-function counter.
- Heavy-duty variable speed servo motor with (2) 1 hp DC clutchless 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.
- Synchronized inspection strobe light.
- Additional 26" diameter pneumatically inflatable waste windup.
- Hydraulic unwind roll lift/loader.
- Electronic missing label and flag detection system with automatic shut-off.
- 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.
- Web Turn Bar.

System Specifications

Max. Web Width: DM 4010: 10" (254mm)
DM 4013: 13" (330mm)
DM 4018: 18" (457mm)
DM 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: DM 4010 & 4013: 5.25" (133mm) min.
18" (457mm) max.
DM 4018 & 4020: 8" (203mm) min.
24" (609mm) max.

Proudly Manufactured in the U.S.A.



AZTECH CONVERTING SYSTEMS

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