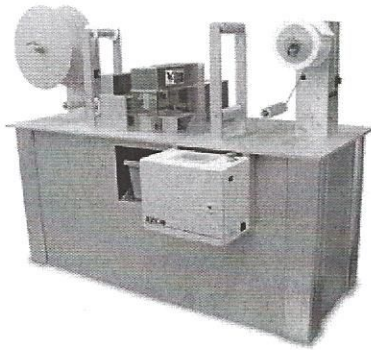


◀ continued from page 85

are recommended according to each application. Diameters as small as 5/8 in. (1.6 cm) are common. Small-diameter shafts for thin-wall core or coreless applications are available, as are leaf shafts down to 1.25 in. (3.2 cm) dia. Co. also manufactures a line of full-size air shafts for cores up to 12 in. (30.5 cm) in dia. **NIMCOR**, 888-464-6267, www.nimcor.com

High-speed punch module uses hardened tooling for precise, quality cuts



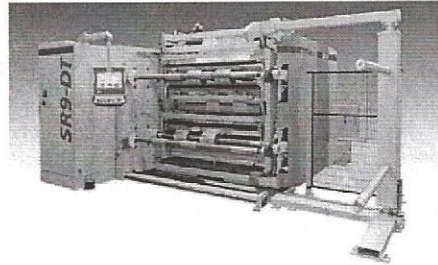
AZCO Corp. (Fairfield, NJ) introduces a new servo-driven punch assembly, which allows for high-speed operation, precise control and low maintenance. The module uses a punch and die tooling made of thoroughly hardened material to provide customers with high-precision, quality cuts.

A roll of base material is placed on the motorized unwind. As the dancer moves, the unwind feeds out material to a set of idler rolls. The modular punch station is controlled by a servo drive. Full control of the

drive permits the punch to operate at 400 cycles/min. Punched slugs fall into a waste bin below. Servo-driven nip rollers pull the material through the punch station. From the nip rollers, a motorized rewind winds the material onto a paperboard core. The entire station is mounted onto a base plate for easy operation. All functions are controlled from the color touchscreen. **AZCO CORP.**, 973-439-1428, www.azcocorp.com

Dual-turret slitter/rewinder runs wide range of substrates at up to 1,000 mpm

Atlas Converting North America (Charlotte, NC) gives converters flexibility for current production, and provides a simple and economical



modular path for future requirements with its new Titan SR9-DT Dual Turret slitter/rewinder. Features and benefits include Digital

Positioned Unwind (DPU) – the electric lifting and positioning of the unwind roll requires no hydraulics, providing a cleaner environment and reduced power consumption; a moving slitter section ensures a short web path and the best possible finished roll quality; a modular design adapts to meet any future production requirements; automatic Stop to Restart time of less than 30 secs; and reduced power consumption through high-efficiency motors and regenerative braking on the unwind. The SR9-DT runs 65-in. parent rolls at up to 1,000 mpm and slits down to 0.80 in. A broad range of films, laminates, papers and boards can be handled. **ATLAS CONVERTING NORTH AMERICA**, 704-587-2450, www.atlasconverting.com

Sheeter designed for digital sheetfed-press sizes

Maxson Automatic Machinery Co. (Westerly, RI) launches a sheeter specifically engineered for the digital sheetfed printing-press market. The sheeter, which can accept up to 65-in. (1,651-mm) wide webs, can convert and stack up to 40-in. (1,016-mm) long sheets. Equipped with a quick setup slitting rig, the sheeter is able to produce multiple piles across the width of the sheeter to maximize production while reducing run time. Energy-conserving drive systems accurately and squarely produce the smaller sheet sizes within +/-0.015 in. (+/-0.381 mm) of the desired cut off, eliminating the need to guillotine trim to a finished size. The delivery system incorporates special design features to convey multiple streams of short, lightweight sheets from the cutter to the stacker. Innovative use of static-eliminating systems in combination with compressed air allows trouble-free sheet flow at higher speeds. Because of its compact footprint and dependable operation, the machine can be attended to by one person.

MAXSON AUTOMATIC MCHY. CO., 401-596-0162, www.maxsonautomatic.com

DO YOU HAVE ROLLS?

- ▶ Reduce scrap
- ▶ Eliminate wrinkles
- ▶ Cut downtime

ALIGN YOUR ROLLS WITH PARALIGN®!

db PRÜFTECHNIK (856) 401-3095 www.paralign.info

continued on page 88 ▶