



CMD's Rotary Overlap bag winder is part of Lone Star Plastic's bagmaking system, which enables the converter to offer overlapped bin liners on a roll to institutional and industrial customers.

Bin liners on a roll create excitement

Lone Star Plastics and CMD team up to provide a more efficient way to dispense can liners.

By Managing Editor Melissa Larson

Deep in the heart of Texas...or to be exact, Garland, Lone Star Plastics, Inc. offers a mix of converted products, including Rough Rider can liners for industrial and institutional markets (such as restaurants and hospitals) and Tuff Skins specialty bags (used for horticulture, mattress wraps and balers). Located in an 85,000-sq-ft facility, Lone Star extrudes film and provides both intermittent- and con-

tinuous-motion bagmaking. Converted bags include bottom-sealed, side-welded, wicketed, folded or rolled, and printed. Sales for 2003 are projected to be in excess of \$25 million.

Commitment to innovation

About three years ago, Lone Star entered into a partnership with CMD Converting Solutions, Appleton, WI, to produce LDPE and HDPE liners on an overlapping roll and sell them into the existing industrial bin-liner market. At the time, most bin liners were sold folded in bulk packages, and were more difficult for customers to dispense and handle—although bags on a roll had begun to appear.

"We had made a commitment to our customers to be innovative and to stay on the leading edge of technology, and this was something we needed to offer them," says Gerald Casteel, president of Lone Star. CMD Converting was chosen as a supplier

because of the high level of winding capability they offered, says Casteel.

CMD's bag machine and winder are key to Lone Star Plastics' innovative product offering. The 1551 ED (for Extended Dwell) rotary-bag machine, and 4013 RO (for Rotary Overlap) bag winder, can produce liners on a roll at speeds of up to 600 fpm. This equipment is designed for a variety of film gauges and types as well as numerous roll sizes and counts.

The 4013 winders are completely servo-driven, including servo-controlled tensioning and positioning. "The flexibility of this bag line extends to cored or coreless, and several kinds of bag-roll formations that we are able to offer our customers," says vp of operations Scott Atherley. According to CMD, the winder can switch from the usual overlapped configuration to perfed bags without stopping or slowing production, and can be run in-line

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Gerald Casteel
President
Lone Star Plastics, Inc.

with all types of bagmaking and converting equipment.

Bagging benefits

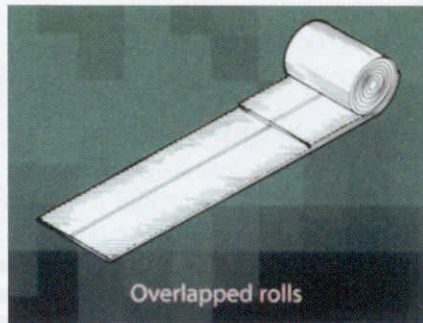
"This bag offering immediately created excitement among our national account base," says Mike Hammett, Lone Star vp of sales and

marketing. Typical packages include 8-10 coreless rolls in a case, as well as one large roll in a "convenience" pack. Among the benefits of the overlapped rolls of bag liners to Lone Star's customers:

- Faster, more efficient dispensing of the liner, and labor savings, as there is no need to unfold the bag or break perforations
- Superior product presentation,
- Less waste, because all unused liners are neatly stored on a roll, which can be affixed to cleaning carts or onto walls or counters
- Less expensive to ship, as rolled product takes up less volume.

Lone Star's complement of CMD bagmaking equipment now stands at two 1552 bag machines and four 4013 winders. The relationship with CMD Converting continues to be a productive one, according to Athertley.

"CMD has always been there for us," he says. "They've done a good



Overlapped rolls

Overlapped bags on a rolls are easier for customers to open and use because they aren't perfed or folded.

job of supporting their technology, and addressing any issues that have come up. Training and technical support have been just what we needed, and have helped this relationship along." ■

FOR MORE INFORMATION

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