



MAGELLAN Boxmaker LD

A Product Of



Builders Of Machinery For Industry Since 1981

KEY FEATURES:

- 92" x 200"
- Center Set Design
- Auto-Set Of The Width And Depth Scores
- Box Data Memory
- Alpha-Numeric Part Numbers
- Built In Ethernet Hub
- 30-90 Second Set-Up Time
- 300-700 Cartons Per Hour
- Auto Tab Cutting Option Now Available
- Digital Readouts For Crease Pressure

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Data Entry



www.rjemachinery.com

RJE Machinery, Inc. is proud to present the Magellan LD Boxmaker. The Magellan LD Boxmaker is a new concept in short-run Boxmaking design. It is new from the ground up.

The Magellan LD Boxmaker was conceived to address the short-run large format box industry, but to do so at not only an affordable price but at a higher production speed than most other boxmakers of comparable size.

The Magellan LD is a center-set machine, meaning all settings are made from the center of the machine, much like that of a press

or a die cutter. The maximum sheet across of the machine is 92" and the standard length through the machine is 200", but this can be modified to greater length if required.

The machine is equipped with a touch screen for easy data entry, and the embedded PC running the Windows® operating system allows for data storage as well as network and remote connectivity.

Optional Equipment Include:

- Side Trim Capability
- Flexo Printing Of Full 92" Width
- Sheet Stackers
- And Infeed Lifts

One Piece Folders In One Pass!

One-Piece Folder (OPF) style boxes seem to come and go in popularity. In today's global market, they are more popular than ever. To address the increased popularity of this style carton, the Magellan Boxmaker can now come equipped with a corner cutting option that will make the one piece folder and cut out the corners all in the same pass through the machine (provided the sheet is prescored for the tuck scores).

This eliminates the need to take the slotted and creased cartons to a bandsaw to remove the corners. In addition, this option also allows the extended fifth panel flap of a five panel folder (FPF) to be removed in the machine.

In the very near future, this option will also allow for the automatic removal of the corners from a design style tray.

Look for our Magellan LD Ultra - corner-cut OPFs from an unscored sheet!

The New Magellan LD Operator Interface

Our new touch screen is state of the art. Graphical representations of box styles make setting up the Magellan easy and fast.

All of the important information to manufacture a corrugated carton is included on our newly redesigned Run Screen.

One-touch 1/16" increment/decrement buttons make data adjustments easy and intuitive.

You can save your set-up data for easy retrieval at a later time!



The Magellan LD Has Many Features Not Found On Comparably Priced Boxmakers

- Transverse cutting of the sheet to length. No need to buy sheets to the proper length.
- Optional Side Trim to trim the sheet to the proper width.
- Integrated flap scores. There is no need to buy prescored sheets!
- Chrome feed shafts are easy to maintain and service for the life of the boxmaker.
- Replaceable rubber covered feed rollers are fully computer compensated for wear.
- Precision machined 3-point (formed profile) chrome scores for long, trouble-free life.
- Chrome score shaft for smooth adjustment of the scores and long, trouble-free life.
- Optional tab cutting to remove the extended tab from the carton. No more hand-removal of extended glue tabs.
- Our machines are heavy-duty ALL STEEL construction. No light-weight aluminum frames here. The machine frame is bolted and welded together with full 3/4" thick solid steel side frames for superior rigidity.
- PRINTING! All RJE Machinery Magellan LD Boxmakers are set-up to add printing at any time! Why print off-line when you can print in-line by adding one of our Magellan line of printers?

The Advantages Of Buying An American Made Product



Magellan
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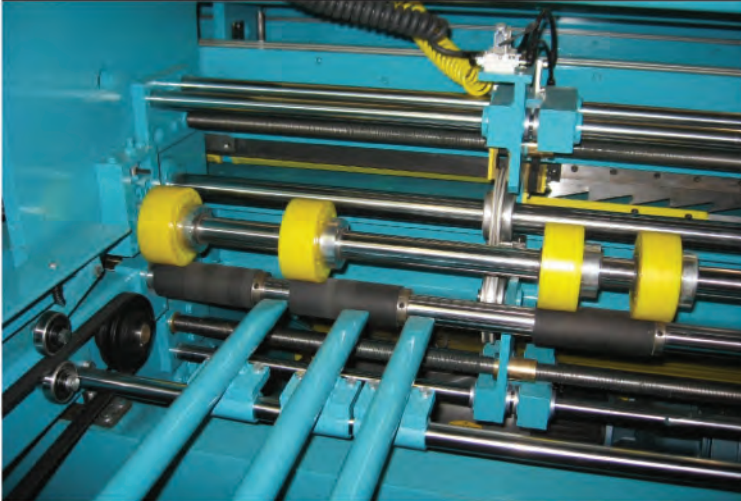
At RJE, we often see companies investing in products from overseas because they are half the price as that of American made products. The issue with this is, you are getting everything for half the price: the quality, the parts, and the attention and service you so desperately need when your machine is failing to produce! Can you really afford this? Remember the old adage: "You get what you pay for!"

Why buy from RJE, an American company? At RJE, we couldn't be more proud of the products we

manufacture. Our machinery is made of heavy-duty construction, the highest quality parts, operated by the highest technology available, and most of all it is all backed up by the highest quality of attention and service around!

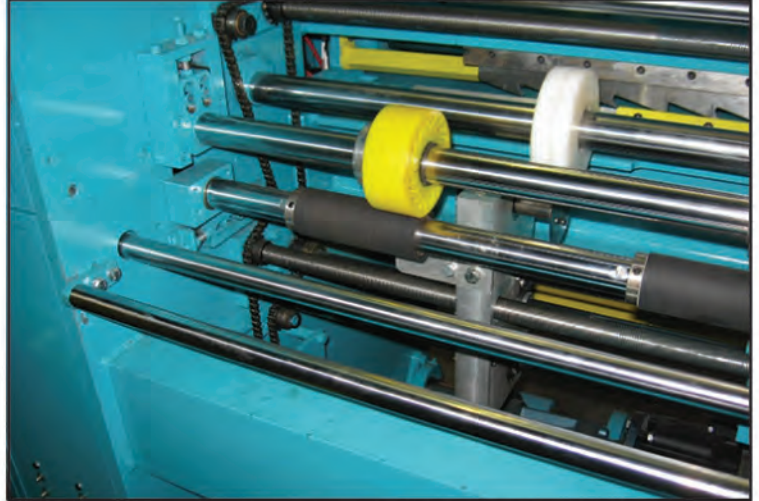
So when deciding on your next long term investment for your companies future, before you purchase call us, we would like the opportunity to present why our machinery and service is superior to those from overseas!

New Auto-Correcting



New auto-correcting feed rolls eliminate pressure adjustment for different grades of corrugated paper, decreasing set-up time.

Optional Side Trim



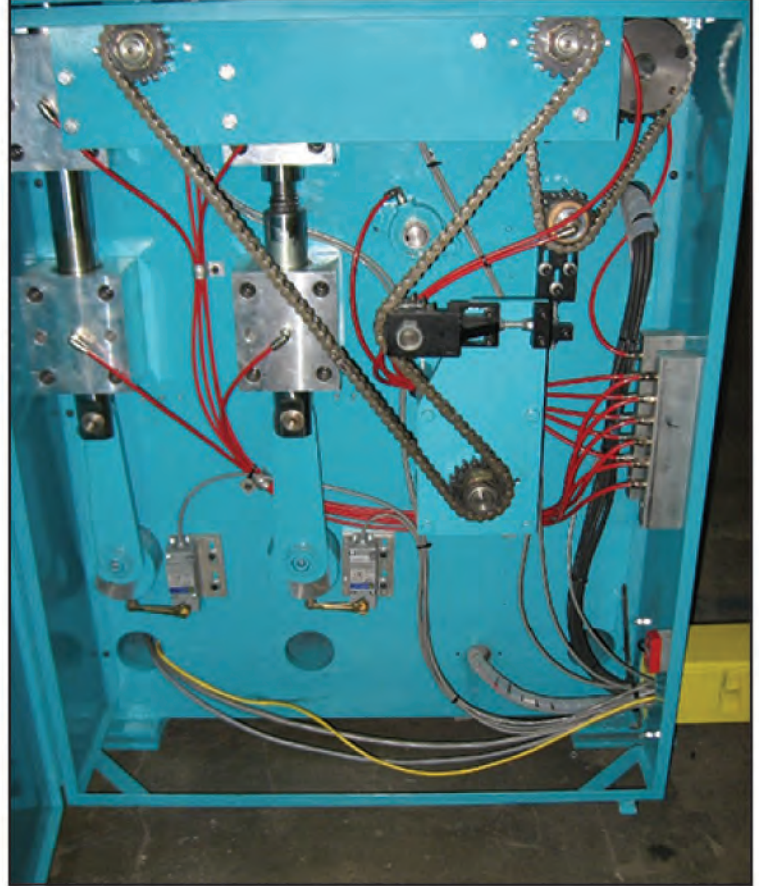
The optional side trim unit allows larger stock sheets to be trimmed during the manufacturing process, saving labor and time

Heavy-Duty Construction



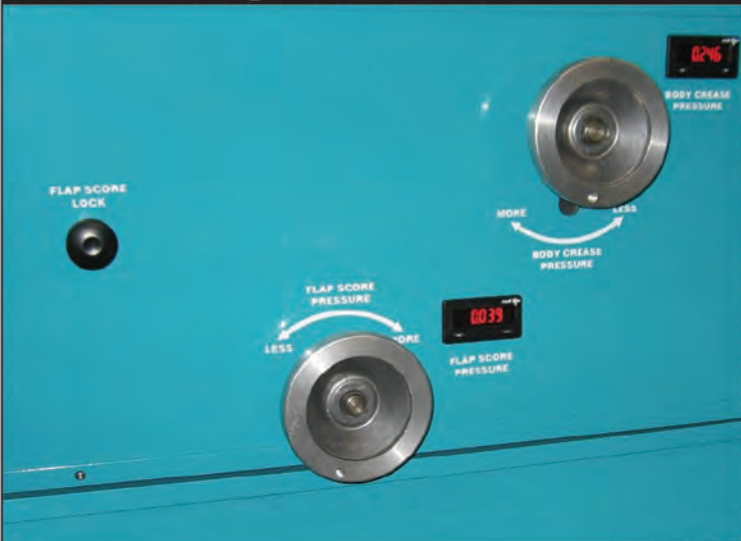
Heavy-duty construction is a hallmark of equipment made by RJE Machinery.

Easy Access Area



External grease point access and well-designed mechanical systems make the Magellan LD easy to maintain and service.

Digital Readouts



Digital readouts make set-up easy and repeatable.

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Data Entry

Data entry to set-up the box is intuitive on the new Magellan LD Boxmaker. Simply enter the length, width, and depth of the carton to be produced, select the manufacturer's joint (and specify the width of the joint), select the grade of paper, and the style of the carton. From this data, the box parameters are calculated and the machine is set up and ready to run.

The Magellan LD comes equipped with twelve pre-programmed box formulas:

- RSC Regular Slotted Container
- RSC2 Two-piece RSC
- FOL Full Overlap Slotted Container
- FOL2 Two-piece FOL
- HSC Half-Slotted Container
- TEL Telescope/Tray
- FPF Five Panel Folder
- OSC Overlap Slotted Container
- Tube Scored Tube
- FOLCS Center Seam FOL
- OPF One Piece Folder
- Pad Simple Pad

In addition, the Custom setting allows the operator to set all machine components manually for special or proprietary cartons.

Specifications

Maximum Blank Width 92"
Minimum Blank Width 12"
Maximum Blank Length Unlimited (without printing)
Minimum Blank Length 24"
Maximum Single Panel Unlimited
Minimum Single Panel 1/2"
Maximum Slotting Depth—Std. 19"
Max. Custom Slotting Depth 23.75"
Minimum Slotting Depth No limit
Box Width plus Length Minimum 12"
Box Depth Max.—Standard 54"
With Custom Slot Depth 44.5"
Minimum Box Depth 6"
Minimum End Trim 3/4"
End Trim Maximum (auto-drop) 6"
End Trim Max. Manual Pull Back Unlimited
Accuracy +/- 1/16"
Minimum Blank Size 12" x 24"
Glue Tab Width User defined
Feed Table Height 40-1/2"
Set-up Time 30– 90 seconds
Slot Width (std) 5/16"
Slot Width (custom) 3/8"
Production Rate 300-700 per hour*

*Production rate varies by style and configuration of carton being made.

New Standard Feature!

Digital readouts on score pressure for easy set-up and repeatability!

New Option!

Automatic extended tab removal option. Simply enable the tab removal option on the touch screen and the tabs are cut-off automatically!

Operator side view of Magellan LD Boxmaker



For Further Information



For a full view of our product line please visit our website: www.rjemachinery.com

Or contact us at:

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