

**"NO! - I CAN'T BE BOTHERED TO SEE ANY CRAZY SALESMEN- WE'VE GOT A BATTLE TO FIGHT!"**



## Revicart's Specialty Folder-Gluer Options

Revicart introduces **"Optical Control"** scanning for high-speed detection of alignment and printing faults.

Bad boxes are automatically removed at maximum line speed.

High-speed operation is further enhanced by the **"EasyPack"** counter-ejector.

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### Thompson Corrugated Systems, Inc.

- Engico** Large Flexos and Die Cutters known as "Converting Centers."
- Eutro Log** Robotics  
Machine Controls  
Material Flow Systems
- Revicart** Specialty Folder-Gluers  
Faro Futura **Twinbox**  
**Optical Controls**  
**EasyPack**

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### TAPPI 2005 Productivity Report Specialty Folder-Gluers - 67 machines in survey

Overall Average	8.5	Square feet per piece
	3038	Pieces per run machine hour

1. **500 fpm** belt speed is a realistic speed
2. 8.5 square feet is probably 25 x 50 inches
3. 11 inches between blanks gives 3 feet of belt travel
4. 3,038 per hour is only 50 per minute
5. Average belt speed is **150 fpm**

**Actual is ONLY 30 PERCENT of reasonable production!**



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Why is average only 30% of reasonable capacity?

1. Offbearer inspects and removes waste and that takes time
2. Offbearer simply can not work any faster

#### Revicart Solutions

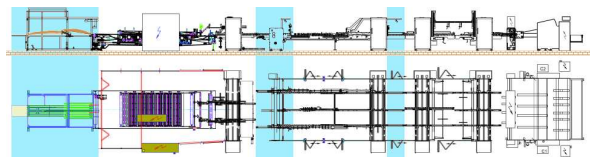
1. **Optical Control** finds and removes waste
2. **EasyPack** forms stacks

John Martin, Vice President of Manufacturing, P.C.A.  
July 27, 2009 White Sheet

1. "We need to be far more effective on our converting machines."
2. "We need to reduce variability in the process."



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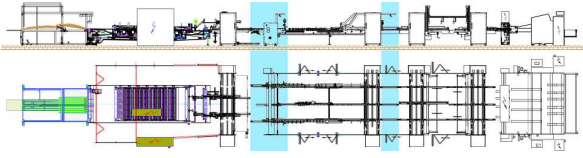

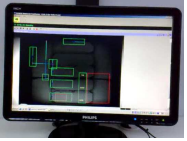



**Revicart TwinBox SFG modules:**

- Double Feed**
- Specialty Fold**
- 1<sup>st</sup> Optical Control**
- Final Fold**
- 2<sup>nd</sup> Optical Control**
- Quality Ejection**
- Delivery**
- Compression**
- EasyPack Counter-Ejector**

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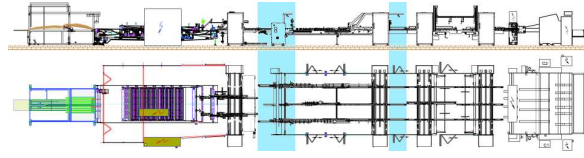


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Cameras      Scanning Zones      Control Screen

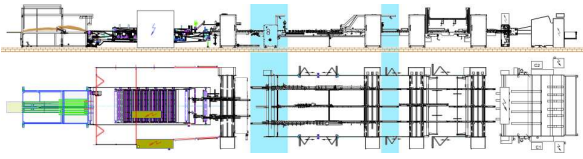


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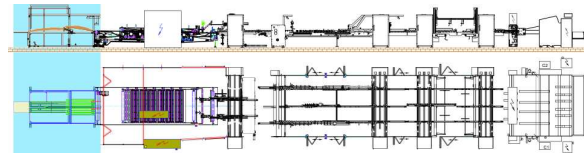

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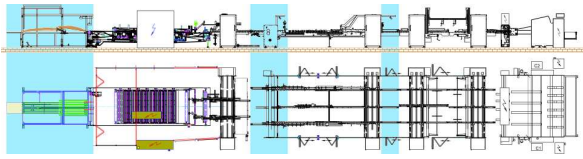
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Example Results on 2-shift operation

1. Reduce crew size by one person - Fully absorbed rate of \$20/hour  
Annual savings of \$80,000
2. Run faster - 60% speed - Direct Cost Machine Rate of \$150/hour  
Annual savings of \$218,000
3. Zero Defects – Project this for yourself  
Annual savings of \$?

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**Representation by  
Thompson Corrugated Systems, Inc.  
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