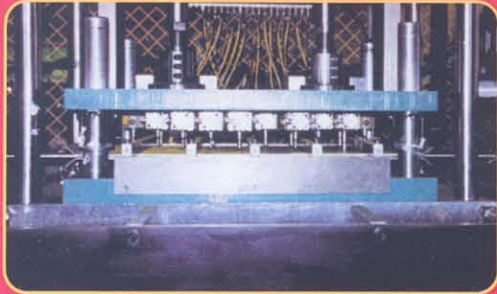


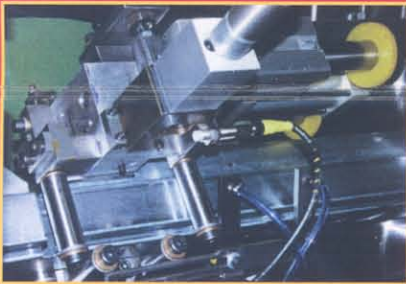
# PRODUCT update

Volume 2, Issue 1

CUSTOM ROLLFORM PRODUCTS, INC.



Hydraulic Hole Punch Press/Die with nineteen (19) gag punches to produce an infinite variety of punch patterns directly from a CAD File.



In-Line Flying Toggle-Lock Unit to punch and lock the two edge flanges together forming the finished tubular rail section.

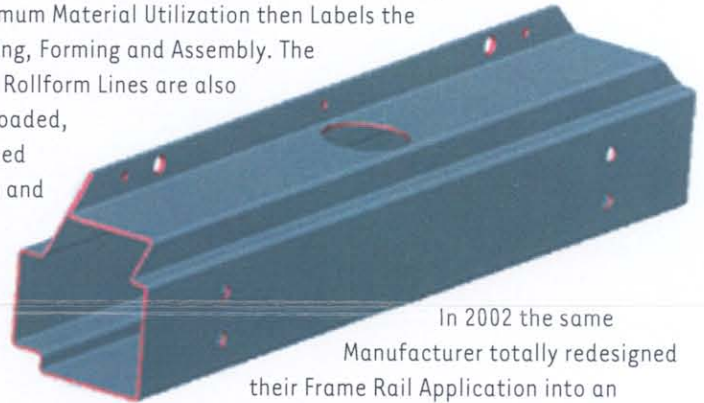


Coil Strip Feed, Gasket Feed, Punch/Notch, Rollform, Toggle-Lock & Cut-To-Length System

## Application Example: Rollformed Tube Section

The Interesting thing about our Business is the Increasing Technology available and the Never Ending demand to incorporate New Ideas and Concepts into every application.

In the Early 90's we developed Three (3) Lines for one customer, A Slit and Shear Line for Blanking Panels, one Rollform Line to produce Rails and another Rollform Line to produce Matching Rail Covers. The unique concept for this application was based on producing all the components in a On-time (Lean- Manufacture) System directly from the CAD Drawing File. After the components required are Computer Designed they are directly downloaded into one of the Three (3) Fabrication Systems. The Slit and Shear Line nest the Panels and Components based on Maximum Material Utilization then Labels the parts for Routing, Forming and Assembly. The Rail and Cover Rollform Lines are also directly Downloaded, Punched, Formed Cut-To-Length and Labeled for Assembly.



In 2002 the same Manufacturer totally redesigned their Frame Rail Application into an Enclosed Tubular Section with a new Assembly and Fastening Concept. They were very happy with the Quality and Service we provided over the years which put us tops on their list of suppliers for the new line.

The New Rail Design was more Complex then the Original Design and required the same type of direct Downloading and Labeling with Additional Inline Operations. The Coil Strip Feed consisted of Twenty Four (24) Independently Gagged Punch Units to punch an infinite variety of Fastening, Hinge and Access Holes down the length of the part. Additional Presses Pre-Notched the Lead and Trail Ends for a Left or Right Handed Miter or Straight Cut-Off. A Telesis Unit was used to label the parts as they exited the Strip Line.

The Rollformer formed the Pre-Notched and Punched Strip into a Special Flanged Tubular Section that is joined together with a Flying Toggle Lock Press just prior to the Cut-Off. The Piloted Cut-Off looks for the Pre-Notch in the formed part and cuts it to length. There's no Set-Up, Changeover or Scrap Loss when changing Length or Miter End Configuration. Part Lengths Range from 1' to 20' and hold a +/- .005 Punch Length Tolerance.

## CUSTOM ROLLFORM PRODUCTS, INC.

Manufacturing a Complete Line of Metal Fabrication Equipment  
3991 Green Park Road  
St. Louis, MO 63125

Phone: 314-894-3903 Fax: 314-631-3003 Email: [info@customrollformproducts.com](mailto:info@customrollformproducts.com)

Visit us at [www.customrollformproducts.com](http://www.customrollformproducts.com)



**Manufacturing  
a Complete Line  
of Metal  
Fabrication  
Equipment**

**Quality Designs Means Production You Can Afford**

**Tangent Formers, Wingbenders & Endformers**  
Custom Rollform Products manufactures a wide variety of Tangent Wing & End Forming Units. They can be used as Free Standing Manual Feed Units or Incorporated into an Inline Fabrication System to final form the part.  
Tangent Forming Units are designed to Wingform or Die Form Sheet Metal Flanges while holding the part or panel in the horizontal position. They can be used as a Primary Forming Unit or to operate in conjunction with a Rollforming System to Endform the leading and trailing ends of a part.  
Besides Endform Operations, Tangent Forming Units can also be used to final form sections into two (2) sided, three (3) sided, or four(4)sided full wrapper cabinet sections. Items like Air Conditioners, File Cabinets, Refrigerators, or Vending Machine Cabinets can be formed in a variety of configurations.

**Products  
Offered:**

- Coil/Sheet Handlers
- Cut-To-Length
- Rollforming
- Stud and Track
- Tangent Forming
- Etc.

