

# FF Journal

The magazine for today's metal fabricating & forming technologies

A TREND Publication

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SPECIAL REPORT

## INNOVATIVE FABRICATING

### ANNUAL WORLD CHAMPIONSHIP PUNKIN CHUNKIN TAKES FABRICATING INGENUITY TO NEW HEIGHTS

#### Waterjet Cutting

Easy product design with five-axis cutting

#### Welding

New power source unclogs bottleneck in spiral pipe production

### WINGS OF LEGEND

Artist **DALE EVERS** created this replica of Carlos Santana's signature Paul Reed Smith guitar out of steel, glass and bronze. The mild steel body of the 13-ft.-tall, 1,000 lb. sculpture was designed using a 3-D CAD program and cut with a plasma cutter before the pieces were welded together. Evers used a waterjet to cut the rectangles of blue glass and flying stainless steel bird inlays on the neck of the guitar. The feathered wings flanking the guitar and on the whammy bar were hand fabricated using 16-gauge steel and a plasma cutter, then welded to a hot bent piece of 3/4 in. to 1 in. stainless bar. The sculpture represents the instrument's contribution to pop culture and honors the virtuosity of Santana and his relationship with PRS guitars. "Wings of Legend" is on display at the House of Blues in Las Vegas.

Learn more about Dale Evers and other Custom Fabricators at [www.ffjournal.net/customfabricator](http://www.ffjournal.net/customfabricator)

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