

D.L. Ricci Corp. Case Study #320

"Longer is Better"



- Set-Up:**
- A Ricci customer had to resurface an open die machine at a steel mill
 - The customer had done this successfully in the past but had to take the mills' press out to accommodate the machining process
 - If the machining could be done without disassembly of the press, there would be tremendous savings to the customer
 - The call to DL Ricci required engineering creativity

- Plan:**
- Ricci Engineers needed to lengthen the travel of the JTL from 24" to 80" to accommodate the entire length of the open die
 - By modifying the JTL with 8' bars the 80" of travel was accomplished
 - The Ricci customer came to Red Wing for hands on observation and training on the modified 16" JTL

- Operation:**
- The customer transported the JTL machine to the Pennsylvania steel mill site
 - The in-place machining of the open die application went smoothly and their steel mill was very pleased with the savings in time and money by keeping the press in place

- Results:**
- The unique tooling combination, the versatility of the JTL and the problem solving Ricci Engineering Team helped make this job successful
 - The field contractor on this job said, "We went with DL Ricci on this project because of their willingness to go the extra mile on design. The JTL machine performed the job in excellent time and left a very acceptable surface finish. The mill was very happy to get the job done early and without the astronomical costs of pulling the press down".

