

Heavy Equipment Case Study: Subcontractor Manufacturer Saves Big on Annualized Production Costs

Customer Profile:

An Illinois contract heavy equipment manufacturer of medium to large precision-machined components.

Steiner solutions delivers \$29,858.50 in annualized production cost savings.

Autofacer®

- Back spotfacing
- Hydraulic cylinder
- Lean process
- Cost reduction
- Quick delivery
- Engineered tooling
- Engineered solutions
- Improved cycle times

The Challenge

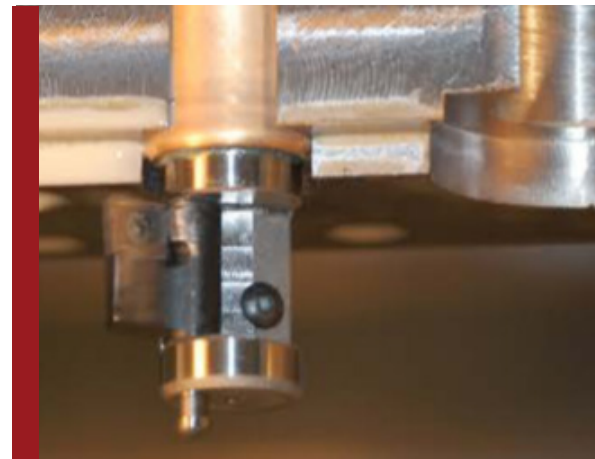
Lower production costs in the back spotfacing of 3,500 holes per year on aluminum cast components running on a Mori-Seiki.

The Solution

Replace the two-piece tool being used and fully automate the back spotfacing operation with a bump style activated Autofacer from Steiner Technologies. The operation consisted of entering a 1" thick wall in a 0.551" hole with a spotface requirement of 0.1063," thereby eliminating a costly secondary operation and operator intervention while speeding up cycle times.

The Results

A drastic cost cutting per hole occurred. From a \$9.02 cph to just .49¢ cph with an annualized production time savings of 499 hours. This translated to a cost savings of \$29,858.50 per year utilizing the machine's \$60/per hour rate. A safety concern was also eradicated with the elimination of the secondary operation. The operator no longer has to reach into the live machine to change out a cutter head blade.



Toll Free: 888-327-1949
Phone: 585-425-5910
Fax: 585-425-5913

Steiner Technologies, Inc.
180 Perinton Parkway
Fairport, NY 14450

REQUEST A QUOTE