



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

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 Obtuz Solutions:

Replace the two-piece tool being used and fully automate the back spotfacing operation with a bump style activated Autofacer from Obtuz Solution. The operation consisted of entering a 1" thick wall in a 0.551" hole with a spotface requirement of 1.063", 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.

Obtuz - The Deburring Solutions

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