

# Weldon Solutions

An ESOP Company

The never ending  
Winter of 2014

## PROFILES



**Quality. Over and over again.**

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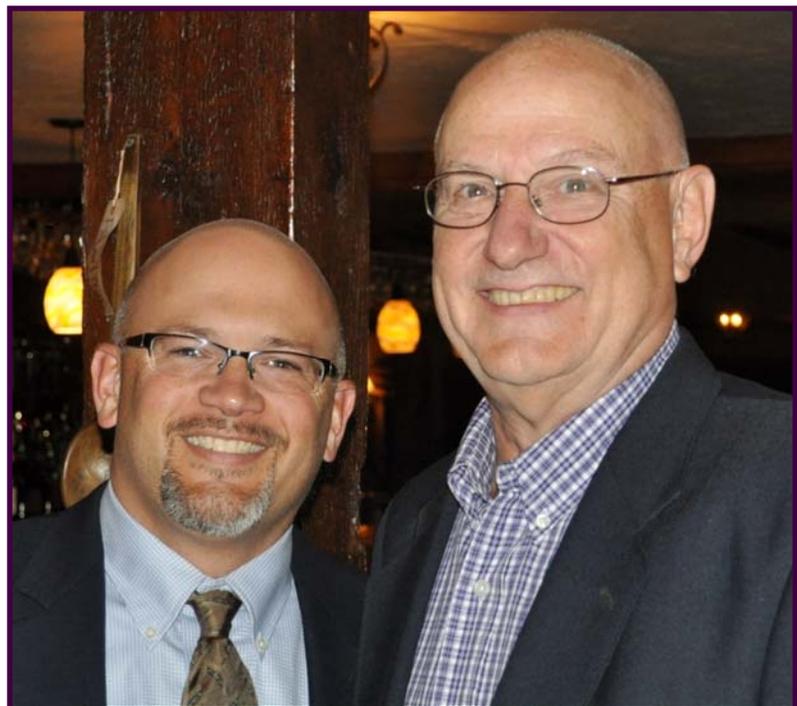
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### In This Issue:

- [Rod Steel Roll Grinding \(page 2\)](#)
- [Gantry-loaded Grinder for Fuel Injector Body \(page 2\)](#)
- [Weldon Utilizes New 3D Vision Scanner \(page 3\)](#)
- [8-Station Robotic Workcell \(page 3\)](#)
- [Christmas Party \(page 4\)](#)
- [Adopt -A- Family \(page 4\)](#)



A fond farewell to **George Sipe (right)** who re-tired on January 1st, and best wishes to Weldon's new President, **Travis Gentzler**.

**An Ohio based producer of rod steel accepted** delivery of a new Weldon model 1632 GOLD OD CNC grinder. In this application, a carbide mill roll is supported by a heavy duty slip-fit arbor assembly. A full-radius, plated diamond grinding wheel is used to either plunge or CNC profile grind grooves in the circumference. The machine is also capable of OD topping and groove regrinds as necessary.



**A Major Fuel Injection Systems Manufacturer** received a Weldon model AGN4 CNC grinder for a precision body diameter and face grinding project. This machine incorporates a full Weldon turnkey of grinder, gantry loader, dual pallet system, coolant filtration, mist collection, and in-process gaging. A 30° angular wheel approach is used to grind the OD and the face in a single plunge. Face flatness is held under 1.5 microns.





## Cast Housings Handled With 3-D Vision

Weldon Solutions became one of FANUC Robotics' first users of the new 3-D Area Scanner for locating irregularly shaped objects at various heights.

Left: Overhead Scanner directs Robot to location of cast housings on pallet.

Below: Housing is placed on Re-Grip Station so that Robot can orient the part for machine tool loading.



## Robotic Workcell Automates Production of Pistol Barrels

This long-arm FANUC Robot has enough reach to tend (3) Machine Tools along with a Part Marker. Weldon Solutions completed the workcell with a number of custom-designed components, including In/Out Part Drawers; Deburr Stand; Re-Grip Station; and Inspection Turntable.



Weldon's annual holiday party was held at the American Saloon in Dallastown, PA. We appreciate the opportunity to get together for a night of relaxation, good food, and a lot of fun. A special thanks to the activities committee folks for their hard work on this event and others.



One local underprivileged family woke up to an incredible surprise on Christmas morning. In cooperation with the YMCA's *Adopt a Family* program, Weldon donated gifts for a needy family of five. Special thanks to Jen Yoder and Mindy Spagnola for all their efforts.