

JANUARY

Part of the Month



**Full
Assembly**



**Machining
Detail**

Machining and Welding In Harmony (Part 2)

Back in July of 2011 we featured a "granulator stand." (Visit our website to see past Part of the Months.) This month we feature the granulator hopper that attaches to the previously featured stand. Like the stand, this hopper must move back and forth between the machining and welding departments several times to achieve the close tolerances required by our customer. A well designed fixture is also critical to aligning and holding the individual parts in place during the welding and machining processes.

Complete Assembly, Sheet Metal, Machined and Welded Components.

- > ISO 9001 certified quality management system
- > Certified Welding to MIL-STD-1595a for process DTAW Group 1b, 1a
- > 100% in-process inspection
- > Certified inspection reports

All CAD Formats:

Solidworks (sldprt, sldasm), AutoCAD (dwg, dxf), Inventor, Pro/E, CATIA 4/5, Unigraphics, Parasolid, ACIS SAT, iges, step, ckd, prt, stl

Quote:

Advice is what we ask for when we already know the answer but wish we didn't.

~ Erica Jong ~

Sheet Metal Enclosures Machining Polishing Welding & Brazing Laser Cutting

Problem:

There are three switches downstairs. Each corresponds to one of the three light bulbs in the attic. You can turn the switches on and off and leave them in any position. How would you identify which switch corresponds to which light bulb, if you are only allowed one trip upstairs?

Quiz:

A farmer has seventeen sheep. All but nine of them die. How many sheep does he have left?

* Please be sure to check our website for answers to all previous months Problems and Quizzes! Go to www.metalwork.com and click on Problem of the Month link.

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