



TruPart Manufacturing owner Shane Prukop stands among 3-inch thick aluminum parts cut by an OMAX 80X JetMachining Center. All components, made for an aerospace client, were cut within seven hours.

## A Waterjet Owner Counterpunches Offshore Competition.

**F**ifteen years ago, a family-owned metal fabrication business in Southern California faced the harsh reality of losing long-term punch press jobs to overseas manufacturers. At the time, they couldn't compete with the cheaper manufacturing rates which drove so many lucrative U.S. projects to China, India, or Southeast Asia.

Next generation family owner Shane Prukop re-established TruPart Manufacturing with a new business strategy: beef up the company with versatile equipment to blank high quality parts without expensive tooling costs and offer shorter lead time services. In other words, respond to their clients' needs when offshore manufacturing becomes surprisingly expensive due to unsatisfactory quality standards, shipping deadlines, and shipping budgets.

"The Omax waterjet came into mind," says Prukop. "It

holds tight precision, programs quickly and on-the-fly, and it makes parts affordable by stack cutting. All those things combined really made waterjet equipment in a league of its own due to its versatility."

With his three Omax® JetMachining® Centers (Model 2652, Model 55100, and Model 80X), Prukop applies production efficiencies unique to waterjet cutting.

### Waterjet Benefits

Whether the material is metal or plastic, he stacks 11 sheets (each 1 mm thick) on top of each other and produces multiple parts in one single cut with the abrasive jet stream.

"I've held 0.005" tolerances by cutting that way with our Tilt-A-Jet® cutting head," Prukop says. "If you tried that cost-savings trick on a laser machine, plastic parts would