

Multiplaz 3500

Booth D24

2013

WORLD AG EXPO

Patricia Lewis-Hansen from Multiplaz took some time to discuss their new welding system with us.

What's the history behind the launch of this product?

Multiplaz has a Russian parent company – and the Russians have been foremost in welding all the way back to blacksmithing. Our welding technology was created with the space program in mind, and the Russians were the first to weld in space in 1969.

Why is there a need for this product?

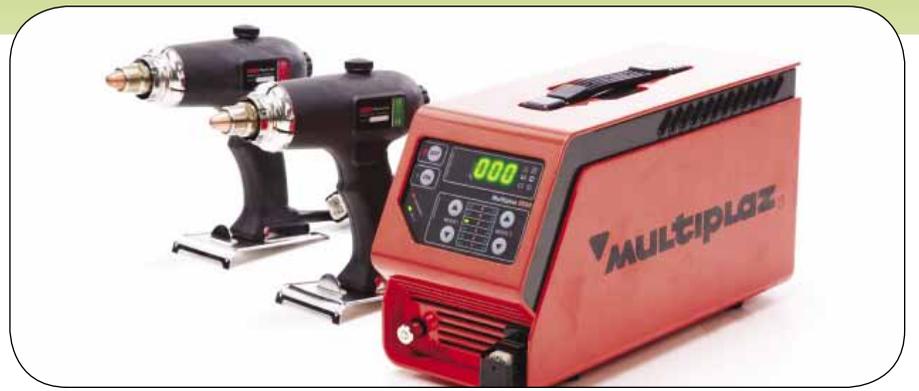
You're looking for certain objectives when you create a welding system for space travel, and those same objectives can apply here on Earth.

You're looking for a lightweight, reliable unit with pollution control. You've got distance considerations and you also don't want any compressed gas or hazardous components. You don't want to have a big auxiliary water-cooling unit of any kind. You don't want

any fumes or vapors escaping to the outside. You would like to keep your electrical and magnetic interference currents at an absolute minimal. You'll want a high duty cycle. (Duty cycle is a welding equipment specification that defines the number of minutes, within a 10-minute period, during which a given welder can safely produce a particular welding current.) Our unit's duty cycle is 100 percent.

What makes this product unique?

It is a portable plasma welding and cutting system that weighs only 30 pounds. It requires no gas and uses only plain isopropyl alcohol. It requires no compressor for cutting. It's all handled from a 17-and-a-half-pound power unit. The 3500's heat is so focused (14,400 degrees Fahrenheit – temperatures as hot as the surface of the sun), especially when you are working on piping or any area where there are fluids involved, you can be in and out before the pipe heats up. You can shut everything off, but you don't have to purge any lines.



What type of dairy producer do you think this product will most benefit?

Those who do their own repairs or have maintenance managers are going to love this product. Farmers, ranchers, members of the agricultural community have been the earliest adopters of our technology because they share the same needs as the space program to a large degree – something that is easy to use, that's cost-effective. Alcohol is much less than having to rent gas tanks and drag that around. They like the cleanliness too, especially in dairy.

When was the product introduced?

This model was actually introduced in Europe in 2008. We opened in North America in January of 2011.

Why the name?

The 3500 stands for watts. We like to see our customers put it on at least a 4,000 continuous generator. It can weld any metal on 110 volts, but you get a little bit more speed on your welding with 220 volts. You about double your cutting depth on 220 (compared to 110) to three-eighths of an inch.

You can check out Multiplaz's website at www.multiplaz.com for more information. **PD**