



SHIFTING THE LIMITS

REFERENCE TPS/i

Rosenbauer International AG, Austria

FRONIUS TPS/i WELDING SYSTEM WINS OVER FIRE-FIGHTING TECHNOLOGY MANUFACTURER ROSENBAUER.

Rosenbauer International AG, based in Leonding, Austria, is the world's leading manufacturer of fire-fighting systems. For almost 150 years and through six generations, the family-owned company has been developing and producing vehicles, fire extinguishing systems, equipment and telematics solutions for professional, industrial, plant and volunteer fire services, and systems for industrial firefighting. The company has an active service and sales network in over 100 countries.



Bildquelle: Rosenbauer AG

"For our colleagues, the TPS/i from Fronius is clearly the best of the bunch. Simply the noise of the arc and just a few metres of weld seam were enough to make it clear that this has taken us to a completely new level of welding quality."

Michael Jungwirth,
welding specialist at
Rosenbauer International AG

REQUIREMENT

Manufacturers are coming up against increasingly more challenging requirements in the production of special vehicles. Restricted space, complex components, the increased use of aluminium and stainless steel as well as sustained cost pressures demand extremely efficient manufacturing processes using high-performance technology. New joining processes such as bonding or punch riveting are coming into play more frequently, competing with conventional welding processes.

SOLUTION

"The TPS/i enables us to weld visible weld seams quickly and cleanly. This eliminates the time-consuming process of changing devices or the power source."

Walter Wolfesberger,
head of prefabrication at
Rosenbauer International AG.

Rosenbauer is focusing on improving its welding processes and is carrying out tests to directly compare systems from a variety of manufacturers, including the innovative TPS/i MIG/MAG power source platform from Fronius. It did not take long for Rosenbauer to opt for the international technology leader's welding system. The TPS/i's ability to weld visible weld seams quickly, cleanly and easily won much admiration: weld seams of this type previously had to be produced using the costly TIG process. The clear user interface is also easy to get to grips with. The LSC (Low Spatter Control) welding process developed for the TPS/i uses a special algorithm to harness the extremely high computing power and control precision of the power source and provides the welder with an even more stable arc with minimum spatter ejection. Difficult changes in position on complex components can thus be tackled with relative ease.



/ Perfect Welding / Solar Energy / Perfect Charging

WE HAVE THREE DIVISIONS AND ONE PASSION: SHIFTING THE LIMITS OF POSSIBILITY.

/ Whether welding technology, photovoltaics or battery charging technology – our goal is clearly defined: to be the innovation leader. With around 3,300 employees worldwide, we shift the limits of what's possible - our record of over 900 granted patents is testimony to this. While others progress step by step, we innovate in leaps and bounds. Just as we've always done. The responsible use of our resources forms the basis of our corporate policy.

Further information about all Fronius products and our global sales partners and representatives can be found at www.fronius.com

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