



Advanced Metalworking

Metcam Underscores Its Commitment to Sustainability with New Paint Line Featuring Low-Environmental-Impact Components and Materials

March 26, 2013 (Alpharetta, GA)—[Metcam](#), a fabricator of sheet metal components and assemblies for OEMs, today announced it has added a new paint line specifically designed for low environmental impact. The line features an energy-saving PEM SprayLean inline washer optimized for low-phosphate cleaners and pretreatments and uses low-environmental-impact powder coatings.

“Finishing lines are one of the areas of any shop where waste and environmental impact can quickly spiral out of control,” said Metcam Environmental Health and Safety (EHS) Manager Sue Max. “At Metcam, we place specific emphasis, not only on ensuring that doesn't happen, but also on making our paint processes as lean and green as possible.”

The SprayLean inline washer, designed by PEM out of Mankato, Minnesota, features a small footprint and a modular pod design that's easily expandable for any application. The four-stage washer has removable side panels and quick-disconnect spray nozzles for easy installation and cleaning, resulting in a low-maintenance system.

The low-phosphate cleaners Metcam uses work well at lower temperatures, which conserves energy used to heat the wash tanks. They were developed using chemistry that optimizes the cleaning process and reduces the generation of sludge, thereby extending the bath life of the wash tanks to several months, saving water and minimizing the cost of wastewater treatment and disposal.

For the low-environmental-impact powder coatings, Metcam uses Wagner Systems' powder coating equipment. A filtration paint booth provides an efficient application method for the powder coating, which is fluidized in its original container and fed to the spray gun using a suction system. The powder particles are charged inside the gun and applied to the metal parts in an evenly distributed layer. Powder coating applied in this manner adheres better and is more durable than conventional paints. It also contains no VOCs or hazardous air pollutants.

“Metcam views its journey to lean and sustainable production as an ongoing process, and we continually look for ways to improve on our record,” said Max. “Every step makes Metcam a better corporate citizen—and gives each of our employees a sense of accomplishment and pride.”

About Metcam

Metcam is a fabricator of precision sheet metal components and assemblies for original equipment manufacturers (OEMs) representing a wide variety of industries including telecommunications, electronics and HVAC. Metcam's advanced metalworking capabilities include laser cutting, punching, forming, hardware insertion, welding (including robotics), powder painting, silkscreen and parts assembly. Metcam also assists clients with product design and manufacturability to reduce their total cost of production. Metcam's award-winning service, combined with an aggressive focus on quality, environmental management and lean manufacturing, simplifies the outsourcing decision for firms worldwide.

For more information, visit www.metcam.com.

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