AP Precision Metals Expands Powder Coating Capabilities in San Diego with New Phosphate Wash System and Batch Oven

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AP Precision Metals has announced the addition of a new phosphate wash system and a second batch powdercoat oven. These upgrades are part of the company's ongoing effort to improve its in-house finishing capabilities, aiming to maintain high standards of quality and efficiency.

The new phosphate wash system is set to improve the preparation of surfaces for powder coating. This helps ensure that metal surfaces are free of contaminants, which increases the adhesion and durability of the powder coat finish. Additionally, the system uses eco-friendly chemicals that comply with regulatory standards, reflecting the company's commitment to sustainable practices.

The installation of a second batch powdercoat oven will allow AP Precision Metals to boost its production capacity and shorten lead times. This addition means the company can handle more powder coating in San Diego, catering to the growing demands of its customers. While the existing oven will continue to be used for smaller projects, the new oven will support larger orders, increasing overall productivity.

CEO Joe stated, "The addition of these new systems is a significant step forward for AP Precision Metals. Our goal is to provide the highest quality finishing services while optimizing our operations. These enhancements will ensure that we can better serve our clients' needs and deliver superior products more efficiently."

AP Precision Metals has been operating its powder coating line since it started and added Linex finishing to its offerings in 2022. By keeping these processes in-house at their 40,000 sq. ft. factory, the company can control pricing, lead times, and quality. The introduction of the new phosphate wash system and batch powdercoat oven shows the company's commitment to maintaining this control and providing top-notch service.

The company's painting and finishing services include various coating options to meet different client needs. Their powder coating offerings provide a cost-effective, durable coating that protects a wide range of metal surfaces. Linex coating is known for its strong durability, making it suitable for outdoor products that suffer heavy wear and tear. Additionally, the company offers passivation, which ensures stainless steel parts and assemblies are free from surface contaminants that could affect performance or appearance.

Another representative of the company, added, "Investing in this advanced technology reaffirms our commitment to quality and efficiency. The new phosphate wash system will significantly improve the surface quality of our products. Meanwhile, the second powdercoat oven boosts our capacity, ensuring we can handle increased demand without compromising on the quality or lead times our customers have come to expect from us."

AP Precision Metals also collaborates with trusted local suppliers for finishes like silkscreen, laser etching, passivation, plating, anodizing, chromate, zinc, and black oxide. This approach ensures the company can offer a wide range of high-quality finishing options to its clients.

The company's services go beyond painting and finishing. They also specialize in fabrication, cutting, welding, assembly and kitting, busbar manufacturing, OEM supply, and quality assurance. With over 20 years of experience in the industry, AP Precision Metals has built a reputation for offering integrated manufacturing solutions tailored to meet changing business needs.

Their fabrication capabilities focus on annual volumes of 100-10,000 Equivalent Annual Units (EAU). Using automated manufacturing systems, they can quickly ramp up production, handling metals from thin sheets to medium plates. Their cutting services use specialized machinery, including 2-D fiber lasers and punch presses, to produce complex, high-precision parts. Moreover, their welding operations benefit from senior welders who hold various AWS certifications and employ both robotic and collaborative welding techniques to maintain high production quality.

AP Precision Metals' investment in expanding their powder coating in San Diego services, along with ongoing upgrades in advanced technology, positions them well to meet the increasing demands of their customers. The company remains dedicated to continuous improvement, ensuring that it adapts to changing industry needs while maintaining the highest standards of quality and service. For more information about their wide range of services, visit AP Precision Metals' company website.

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AP Precision Metals Inc.

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