

Eisenmann chosen by Volvo Cars to construct its first US-based paint shop

Boeblingen, April 4, 2016 – Eisenmann has been contracted by Volvo Cars to construct a turnkey paint shop, including the building itself, at a new factory in Berkeley County, South Carolina. This will be the Swedish automaker's first manufacturing facility in the United States, with a proposed annual capacity of 100,000 units.

The contract is one of the largest in Eisenmann's history. "We are particularly pleased that Volvo Cars has entrusted Eisenmann not only with supplying the equipment, but also with overseeing the entire construction project of the Paint shop," stresses CEO Dr. Matthias von Krauland, "This business underscores our ability to take full responsibility for projects of this scale, and to master the huge complexities involved."

Volvo Cars also opted to deploy Eisenmann's innovative E-Shuttle and E-Cube products. The compact E-Shuttle 200, a unique combination of shuttle conveyor and pendulum conveyor, ensures outstanding coating quality at high throughputs. The two-axis system will transport 30 bodies per hour through pretreatment and electrocoating. In addition, E-Shuttle's low height requirements compared with rival systems translates into lower building costs.

E-Cube paint overspray removal systems will be installed in the primer and top coat spray booths. Volvo Cars is committed to conserving natural resources and minimizing emissions. E-Cube, which operates without water, chemicals or additives, fulfills the Swedish company's ambitious criteria regarding manufacturing efficiency.

The scope of supply includes the building and related infrastructure, all conveyor equipment, control systems, visualization tools, and a high-bay warehouse for buffering during production.

Eisenmann is a leading global industrial solutions provider for surface finishing, material flow automation, environmental engineering and thermal process technology. The company develops and builds custom manufacturing, assembly and logistics plants that are highly flexible, energy- and resource-efficient. The family-run enterprise is headquartered in southern Germany and has been advising customers across the globe for more than 65 years. Today, Eisenmann has a workforce of approximately 3,600 worldwide (2015), with subsidiaries in Europe, the Americas and the BRIC countries. In 2014, Eisenmann generated annual revenues of 753 million Euros.

Image

E-Cube.jpg – E-Cube operates without water, chemicals or additives.

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