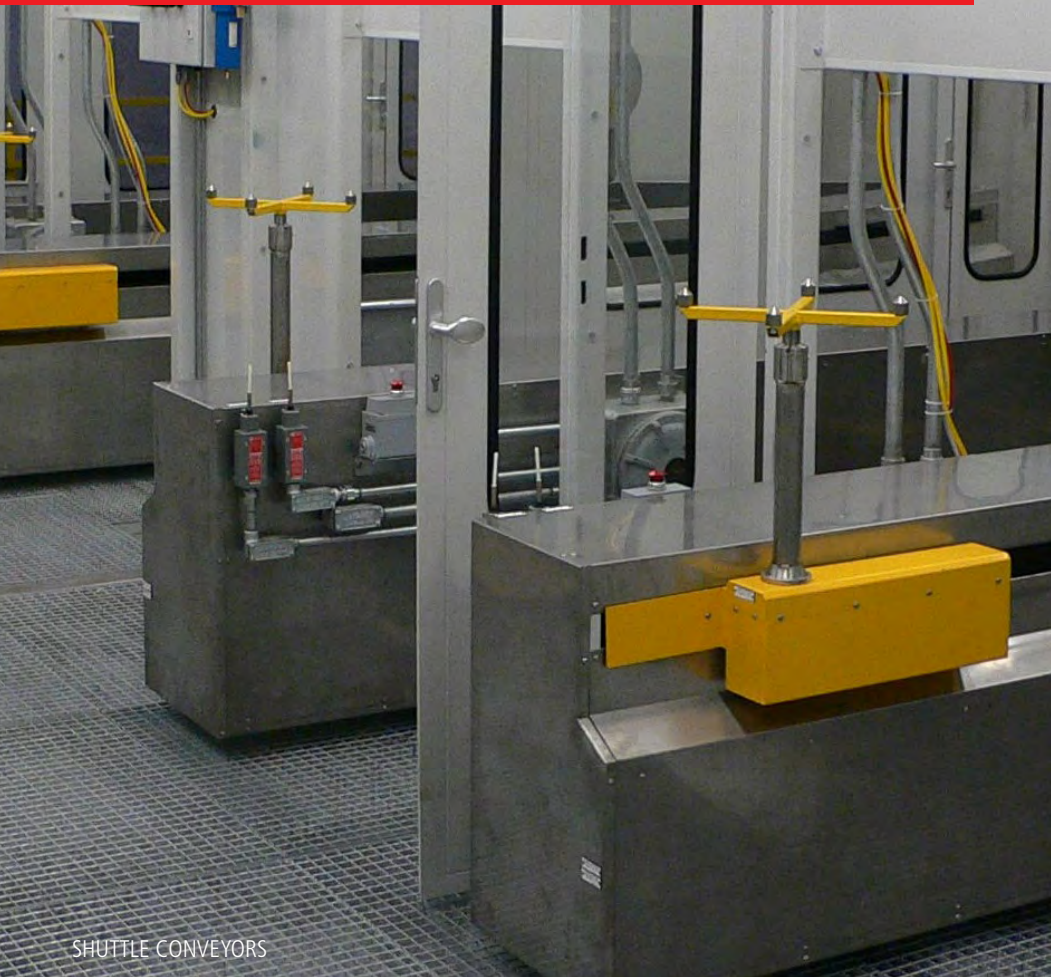


CASE STUDY

**INNOVATIVE AUTOMOTIVE
PAINT SYSTEMS THROUGH
LONG TERM PARTNERSHIP**



PROBLEM:

A leading global automotive component manufacturer was looking for a company that could provide innovative paint systems for its North American plants.

SOLUTION:

The automotive component manufacturer, having seen Sprimag's standard machines at a trade show, purchased a standard Sprimag machine for one of its facilities. Sprimag's quick response and service on the first machine led to a long-standing and trusted relationship with the manufacturer, spanning more than 20 years and 35 different projects. While Sprimag initially supplied this automotive component manufacturer with standard machines, custom-engineered systems were also supplied by Sprimag to meet unique and specific requirements at other facilities. Examples of custom solutions include:

**SATISFYING LOCAL
ENVIRONMENTAL REQUIREMENTS**

Sprimag redesigned an existing system to incorporate environmentally friendly components to meet the plant's local environmental regulations. Sprimag made several modifications, including converting a large fresh air-supplied spray booth to a recirculating design, providing a new regenerative thermal oxidizer for pollution control, and re-balancing the air flow to ensure that the air movement inside the process equipment was negative to the building.

**OVERCOMING SMALL
FOOTPRINT CHALLENGES**

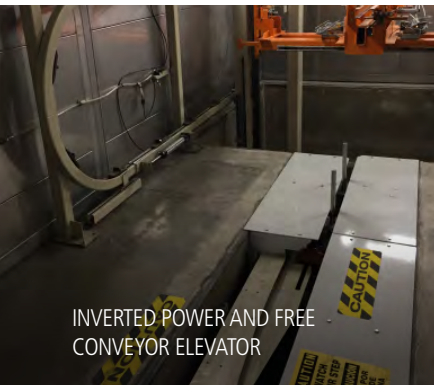
Sprimag was able to fit a large paint system into a plant's small footprint by providing elevators, which moved some process equipment to the second level, freeing up space on the first floor.



PAINT MIX ROOM



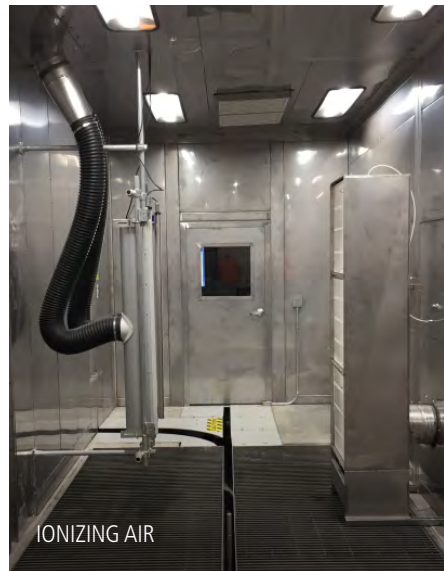
DIRECT FIRED OVEN HEATER BOX



INVERTED POWER AND FREE CONVEYOR ELEVATOR



WATERWASH SHUTTLE SPRAY BOOTH



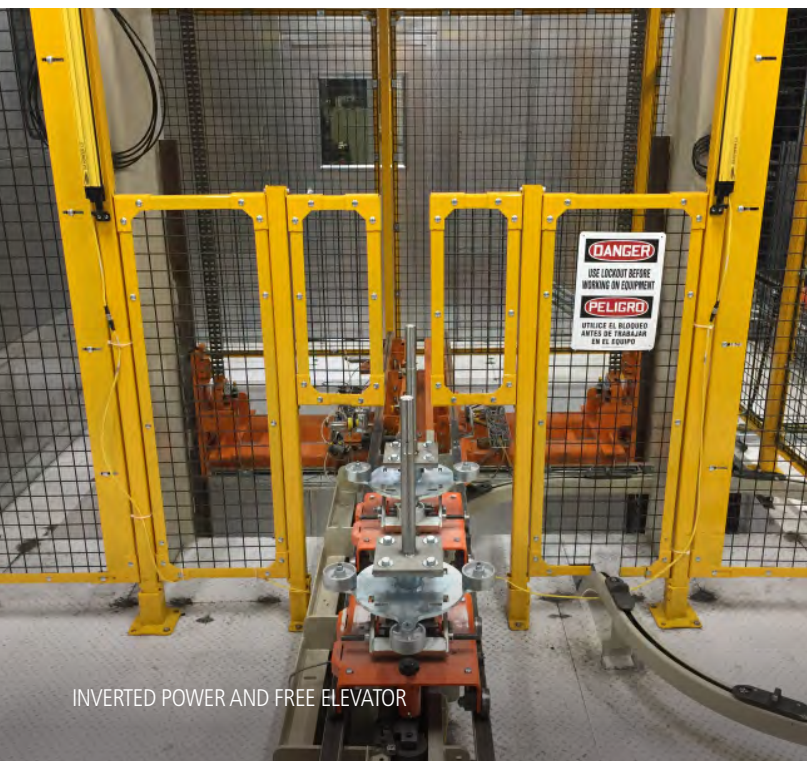
IONIZING AIR



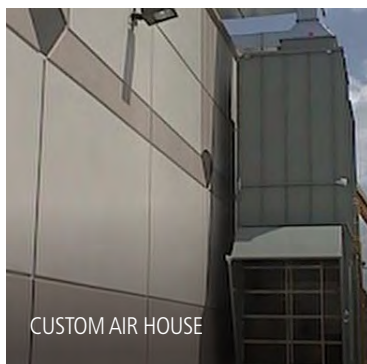
INVERTED POWER AND FREE ELEVATOR



OVEN WITH FLOOR REGISTERS



INVERTED POWER AND FREE ELEVATOR



CUSTOM AIR HOUSE



GONDOLA OVEN



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