

CASE STUDY

**DELIVERING HIGH
QUALITY AND
AFFORDABILITY IN
AUTOMOTIVE.**

PROBLEM:

A subsidiary of a large multinational automotive manufacturer wanted to build its first plant in the United States. As part of the construction, the subsidiary needed to install automotive high efficiency spray booths that it would use to paint bumpers.

The booths had to be capable of producing parts that met the automotive manufacturer's high quality standards and be cost-effective enough to fit within the subsidiary's budget.

SOLUTION:

After evaluating multiple suppliers, the subsidiary decided to work with Sprimag, as it was the only company that could deliver a solution that met the automotive manufacturer's stringent specifications at the subsidiary's budget.

Sprimag engineered and built two turnkey systems at the plant. The systems featured high capacity automotive waterwash spray booths with temperature and humidity controls, paint circulation systems, fire protection equipment, misting equipment at the loading area, enclosed illuminated part inspection chamber, and air conditioned part loading and unloading rooms.

To lower costs, Sprimag engineered the process equipment so that they were built using each fabricator's standards, eliminating the added cost for customization. Major purchased components were specified in such a way as to minimize or eliminate customization. Some local fabricators and installers were selected to minimize jobsite costs. oxidizer, further reducing the system's overall footprint and lowering purchasing costs.



DOWNDRAFT WATERWASH AUTOMOTIVE BOOTH



AIR SUPPLY PLENUM ADJUSTABLE BAFFLES AND FILTERS



AUTOMOTIVE TYPE SCRUBBER BAFFLES



PAINT SYSTEM SLUDGE CONSOLIDATOR



PAINT SLUDGE SYSTEM PUMPS



PAINT SLUDGE RETENTION TANK



URL: sprimag.com

PHONE: (513) 779-5730

EMAIL: info@sprimag.com