

Case Study

Soper's Clean Tunnel System Integrates Paint Line



Parts load/unload work station enclosing an area under a mezzanine structure.



From parts wash/blow-off to paint booth enclosed within one positive pressure clean air environment.



Fully enclosed clean tunnel enclosing painted parts going to oven.

Mitchell Plastics supplies specialty finished interior parts to high-end automotive manufacturers. As part of a zero-defect production plan, Soper's was retained to design, fabricate, and install a "SoftWall" clean tunnel enclosure system.

The flexibility of the system enables Mitchell to totally integrate their paint line and meet targeted air quality levels throughout the entire system (from parts load...to wash...to dry...to paint...to oven...to unload & packaging).

The modular frame system not only encloses the paint booths and conveying lines but also interfaces with an HVAC and air filtration system.

...a zero-defect production plan

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