

Steel Fabricator Doubles Production Speed with Blast Room and Paint Booth



J. Oskam's newly installed blast room and paint booth positioned side by side to drive productivity.

Background

J. Oskam Steel Fabricators is general steel fabricator located in located on Lake Erie approximately 20 minutes from the Niagara Falls. J Oskam operates out of around 100,000 square feet state of the art production area with direct access to Canadian and U.S. markets.

Objectives

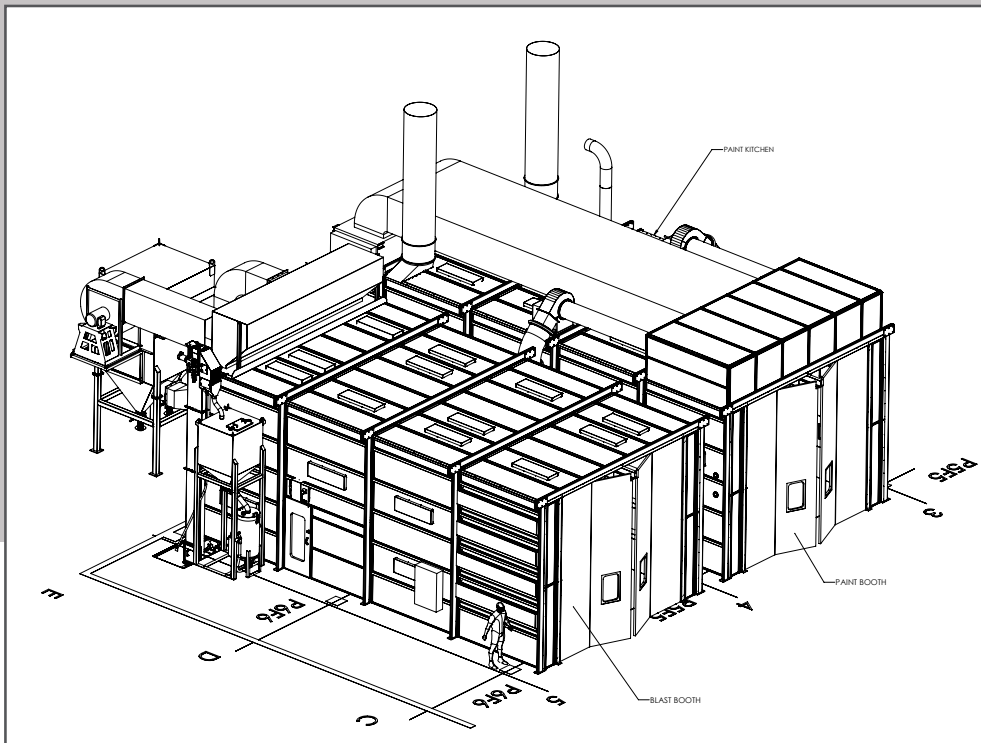
J. Oskam's old surface preparation and coating facilities weren't delivering the same quality and performance levels as their other production services.

They decided to invest in state of the art blasting and coating equipment to improve their speed and delivered project quality.

TESTIMONIAL

"We have been able to deliver better, more consistent finished product quality, complete the production and delivery much faster, and reduce the price that we charge. We have never been more competitive, and my customers have never been happier."

-Terry Desrochers, Estimating Department Head



BlastOne's custom designed blueprint for J. Oskam's blasting and painting booths.

Solution

After many visits to J. Oskam's facilities, BlastOne proposed a specifically tailored plan to help them efficiently use their resources and meet production goals:

- Build a completely new finishing facility on a different part of the property.
- Construct an in-booth monorail system to reduce equipment handling time and ensure safe operations.
- Switch to garnet abrasive to ensure quality, efficient production at a lower cost.
- Install new light system and lower dust abrasive to improve visibility and worker safety.

Results

Within the first year of using the BlastOne system, J. Oskam saw the following improvements:

- Increased total production with half the personnel.
- Reduced paint cure time from 12 hours to 3-4 hours.
- Better visibility and ventilation for blast/paint teams.
- Improved work handling and reliable operation.
- More time for final assembly and quality control.



BlastOne blast room with oscillating cross conveyor and BlastWhite wall protection



BlastOne semi-down draft wet paint booth with AquaTec curing system