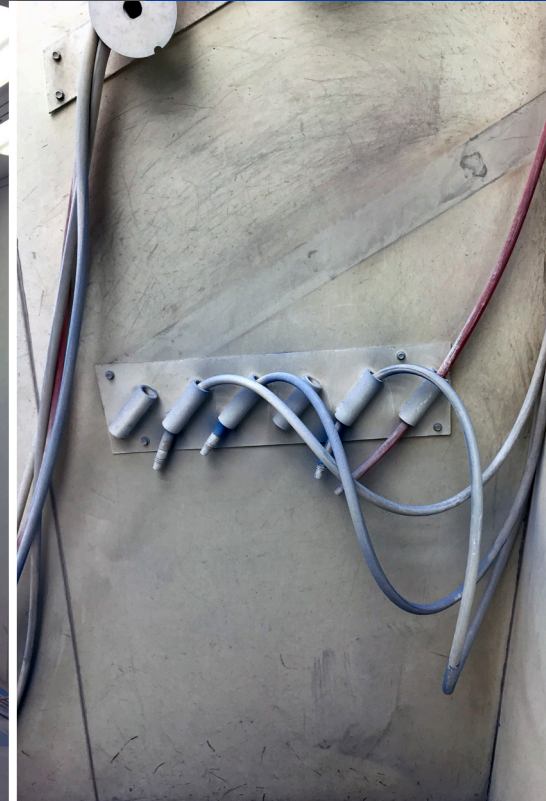


CASE STUDY



POWDER COATING

THE PROBLEM

This company was using liquid paint with an old mechanical proportioner. The equipment broke down quite often and was complicated. Also, the parts were expensive and not readily available. Other issues they had was that on humid days the paint would dry slowly. The smell of solvent would stay in the air. The paint shop struggled if the painter was sick or not available due to the higher skill required to apply the liquid paint.

THE SOLUTION

Our solution was to switch them over to a powder coating system. We designed a custom booth to their requirements. We used pre-painted white booth panels and included lots of lighting to make the inside of the booth brighter. We used collector modules to collect the over sprayed powder – we put the collectors on both sides so the painter could paint on either side and not be affected by overspray or if production was high they can have 2 painters (one on each side).

THE RESULT

The end result was tremendous as the transition from liquid paint to powder was seamless! The employees did not complain about the smell of paint anymore! Once the powder is cured the equipment can be assembled as humidity is not a factor. The maintenance supervisor and ownership were happy as all the equipment always worked and they had nothing to fix anymore. The company has said they would do it again in a heartbeat as their cost of painting was reduced immensely.

EQUIPMENT PROVIDED

- 2 x Nordson Encore LT Wall Mount Systems
- 2 x Nordson Vantage Collector Modules
- 5 x Nordson 50 lb Hoppers