

The **Powerful** Solution For Production Performance



Faster Colour Change

Reduced Production Costs

Optimum Spraying Conditions



The Powerful Solution for Production Performance

Efficient operation to reduce your production costs

- Fast colour change without entering the booth.
- Nordson Prodigy® HDLV® system improves efficiency by continuously returning powder back to the feed centre, using dense phase technology.

Optimum Spraying Conditions

- Automatic floor air wash system coupled with unique floor material ensures powder in process is kept to a minimum.
- External manual touch up stations provide full and easy access around the product.

System Performance By Design

- Proven single extract duct reduces contamination risk
- Nordson's patented Apogee floor prevents damage if heavy products should fall from the conveyor
- Modular construction with flexible layout

Choose Your Application Control Package

Vantage®

Entry level package with traditional controls and simple no part no spray detection, available with oscillators or reciprocators



iControl®

Touch screen recipe control for coating parameters including closed loop digital valve control, sophisticated product detection and gun triggering. The iControl package also includes programmable gun movers, with detect, and move features and variable stroke control.

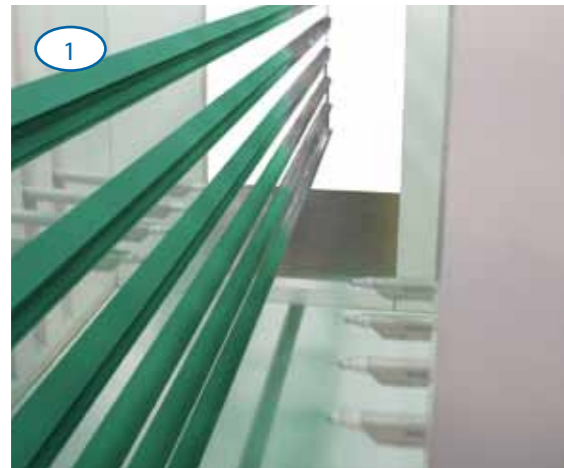
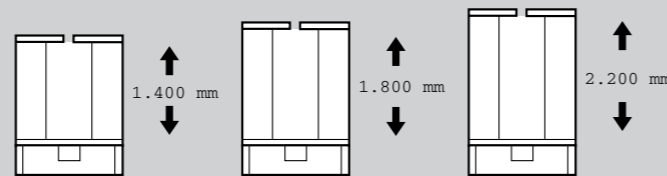


PowderPilot™

Touch screen fully programmable PLC system that controls both the booth and the powder application. The system incorporates high precision product detection and gun triggering, programmable gun movers, detect and move, production statistics module and a modem.



Choose your work height



1 Airwash moves powder to the extract duct and ensures minimum powder in process at all times.



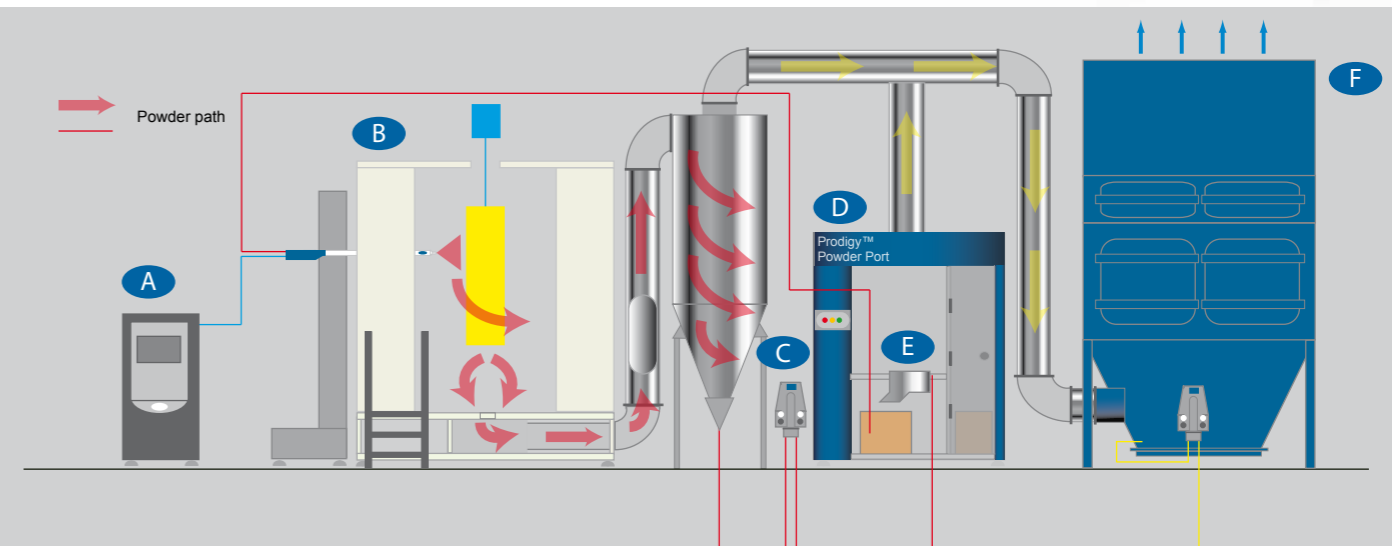
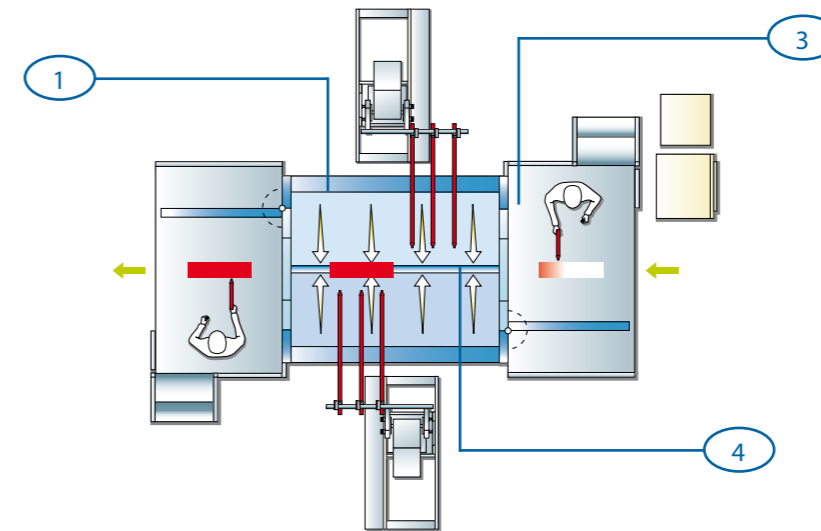
2 Prodigy® HDLV® dense phase circulation system continuously returns powder back to the feed centre.



3 Unrestricted operator access for manual coating.



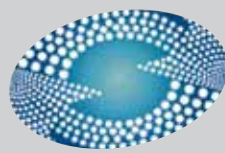
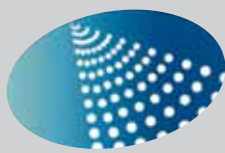
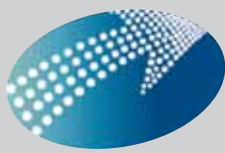
4 Booth base manufactured from Nordson Apogee® composite material with single extract duct along the length of the booth.



- A iControl® application controller
- B ColorMax³ quick colour change booth
- C Prodigy® HDLV® transfer pump
- D Prodigy® PowderPort feed centre
- E Sieve
- F ATEX Afterfilter

Choose Your Application Package

ColorMax³, the latest development in Nordson's long history of colour change excellence is compatible with both traditional venturi applications or revolutionary Prodigy[®] HDLV[®] dense phase application systems.



Ask your representative for details of how Prodigy[®] HDLV[®] technology provides process control and process improvement.



Prodigy[®] HDLV[®] application optimises the three key areas of powder coating to provide process control for your paint plant.

Powder Transport

Prodigy[®] HDLV[®] dense phase powder transport pumps eliminate venturis and produce less wear due to reduced air velocity. Faster colour change is also achieved as each pump cleans itself without disassembly.

Precision Dispensing

Prodigy[®] HDLV[®] increases transfer efficiency and offers full process control. A stable powder flow rate is metered to the gun producing a soft spray that provides better coating penetration and reduces powder consumption.

Powder Circulation

Powder is continuously recycled with dense phase technology resulting in greater sieve efficiency. Prodigy[®] HDLV[®] can be utilised for bulk feed or powder recycle.

Also available in the Nordson colour change portfolio is the ColorMax^E booth, which incorporates all the features and benefits of the ColorMax³ booth, but is individually engineered for customers with special applications.

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