

## **Nordson Colormax PE Enamel Powder Paint Booth**

**Powder Coating Type:** Inorganic

**Design Conveyor Speed:** 30 FPM

**Conveyor System Type:** Monorail

**Parts Coated:** Enamel on Flatware

**Coating Thickness Desired:** 5 – 9 mils Average on Selected Surfaces

**Largest Part Size:** 2'6" W x 6'2" H

**Profile End Opening:** 3'6" W x 7'2" H

**Number of Reclaimed / Recycling Powders:** 4

**Number of Powders:** 4

### **Encore LT P.E. Manual Gun Rail Mount System**

- 2** - *Encore LT P.E. Rail Mount System*
- 2** - *150mm Lance Extension*
- 1** - *Lot, Ceramic Nozzles*

**Sturdy Operator Platform,** 3'-0" wide x 3'-0" long is constructed of welded, heavy-gauge steel with safety rails.

- 2** - *Fixed Platforms*

### **Smart Coat Control System**

- \* Allen Bradely Panelview 15" with Pedestal
- \* Sixteen dual iFlow closed-loop mass flow meters (accuracy +/- <1%)
- \* Sixteen dual gun driver cards
- \* *(Description the same as item "C" above)*
- 62** - *Encore P.E. Guns, Mounts, Cables*



### **Oscillator and Gun Positioning Equipment**

- \* Oscillator with a maximum stroke length of 24 inches
- \* Cam and eccentric design for long life and smooth operation
- \* Gun positioning for constant gun-to-part distance control
- 4** - *Vertical Oscillators*
- 4** - *VFD Powerflex with Ethernet for Oscillators*
- 4** - *36" Kevlar Belt Driven In/Out Positioner Base, DC Drive*
- 2** - *Heavy Duty Fixed Gun Stand*

- 2** - 36" Kevlar Belt Driven In/Out Positioner DC drive

### **Poly Plus Canopy**

- \* Twelve (12) automatic gun slots, 3.93" w x 91.9" h (100mm w x 2336mm h)
- \* Two (2) manual spray gun openings, 29.9" w x 72" h (760mm w x 1830mm h) with upper and lower doors
- \* Eight (8) four tube fluorescent fixtures- T5 lamps

### **Colormax P.E. Base Assembly**

4'-0" w by 9'-9" l (1.22M w x 2.97M l) including.

### **15,600 CFM High Flow Fan Assembly**

- \* 30 HP 95.3% efficient belt driven fan with loss of phase protection
- \* Noise abatement design high flow exhaust fan
  - 1** - Excel 2003 Fan Assembly
  - 1** - Level Sensor(s)
  - 9** - Final filters no tools required for final filter removal. Filters are 95% efficient at .30 microns

### **Reclaim Cartridge Module Features:**

- 2** - Powder Coated Collector Module
- 30** - 36" PowderGrid<sup>®</sup> Plus Cartridges
- 4** - HDLV High-Capacity pump stations
- 1** - Backup HDLV Pump stand

### **Powder Supply Equipment for 64 Guns**

- 2** - Model HTM-36 350# Capacity Hopper
- 1** - AZO 650
- 2** - HDLV pumps to pump side-to-side
- 1** - Fluidized Bed Heater
- 1** - Magnetic Separator
- 1** - Endress Hauser Level Control
- 64** - PE Pump
- 2480** - Tubing, Polyurethane, High-Flow

## **Tilt Table Bulk Feed System**

\*Provides cleaner, easier transfer of powder materials directly from 3,000 pound fiber containers to the hopper/feeder in a constant, more efficient operation.

**1** - *Tilt Table Assembly*

**3** - *HDLV High-Capacity pump stations for Virgin Feed*

*\*Greater output for higher productivity rates- up to 360 lbs per hour*

*\*Improved savings in compressed air usage*

*\*Lower powder velocity with less air to propel the powder*

**125'**- *Tubing, Polyurethane, Transfer*