



## ColorSelect® PC Liquid Dispensing System Ready Mix Plants

### Specifications:

- Windows 2000 based operating system with LCD (flat screen) monitor
- Solomon Colors Ready Mix Colors pre-loaded
- Capable of storing numeric and alphanumeric color descriptions
- 47 gallon weigh chamber with platform scale, air purge and water rinse
- Manual or automatic fill and dump cycles
- Four (or five) SPX25 hose pumps
- Four (or five) conical-bottom stationary supply totes, each 400 gallon capacity
- Daily usage stored for each pigment
- Perpetual color inventory accounting
- Alarms notify operator of out-of-spec conditions, incomplete operation, or malfunction
- NEMA 4 enclosure main panel with remote Input/Output, two variable speed drives with reversing capability, (one pre-wired as a back-up), 5 motor contactors, 1- 24 volt transformer, 1- 120 volt transformer
- Remote PC based interface with emergency stop
- Air Wand Recycle System

### Physical Size:

- |                                       |                     |
|---------------------------------------|---------------------|
| • Main Panel                          | 8 x 24 x 36 inches  |
| • 47 gallon weigh chamber             | 27 x 26 x 83 inches |
| • SPX25 Hose Pump Assembly            | 20 x 28 x 16 inches |
| • Conical-bottom pigment supply totes | 48 x 48 x 85 inches |
| • Delivery tote                       | 48 x 48 x 67 inches |

### System Requirements:

- |                  |  |
|------------------|--|
| • Air            | 80-100 PSI, 40-50 CFM, 3/8 inch FPT      |
| • Water          | 40 PSI continuous pressure, 3/4 inch FPT |
| • Electrical     |  |
| Main Power       | 230 or 460 volt, 3 phase                 |
| Control Circuits | 110 volt                                 |
| Communication    | Ethernet                                 |
| • Plumbing       |  |
| Pump Suction     | 1 1/2-inch suction hose                  |
| Pump Discharge   | 3/4 nylon tube                           |
| Delivery         | 1 inch rubber hose                       |

### System Configuration:

- Pumps are pre-mounted to totes at Solomon Colors
- Weigh Chamber must be located above trucks, 15 feet optimum
- Pumps to Weigh Chamber, 50 feet optimum
- Pump Panel should be located in close proximity to pumps
- Pump Panel to PC, 300 feet maximum

