Martin® Surfactant Dust System

The Martin® Surfactant Dust System applies a surfactant agent using a fully automated system to maintain consistent application while avoiding surfactant agent waste. The actual details of the surfactant application are determined by the needs of the customer and the specific environment. Each system is custom engineered to match your operating requirements.

**NOMENCLATURE**

<table>
<thead>
<tr>
<th>P/N Prefix</th>
<th>DSSS-X XX XX XXX XXX</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inlet/Outlet Pipe Diameter</td>
<td>Nominal Pump GPM</td>
</tr>
<tr>
<td>No. of Pump Stages</td>
<td>Input Voltage</td>
</tr>
<tr>
<td>Unit Options</td>
<td></td>
</tr>
</tbody>
</table>

**FEATURES AND BENEFITS:**

- Automatic flow adjustments reduce surfactant agent waste.
- Consistent water to surfactant ratio at any flow level.
- Consistent booster pump sizes offer flexibility for system upgrades based on added requirements.
- Soft start pumps eliminates stress on pipes.
- Industry-leading quality components provide reliable dependable operation.
- Sensor detects material in motion to initiate activation.
- Spray nozzles specially selected for individual requirements.
- Indicator light for visual operation status.
- Dust control systems are designed around customers flow requirements.
- Remote monitoring capability eliminates unnecessary visual inspections.

**INLET/OUTLET PIPE DIAMETER**

1: 1-1/4 inch
2: 2 inch

**PUMP GPM**

16: 16 GPM
26: 26 GPM
53: 53 GPM
80: 80 GPM

**NO. OF PUMP STAGES**

03: 3 Stage
04: 4 Stage
09: 9 Stage

**INPUT VOLTAGE**

480: 480 Volt
TYPICAL APPLICATION LAYOUT*

*Each system will be designed utilizing the Martin® Dust Control Unit and accessories that apply to the specific application.

ACCESSORIES
- Inlet Pressure Reducing Valve
- Inlet Basket Strainer Kit with Isolation Valves
- Water Distribution Panel
- Material Sensor
- Material Sensor Mounting Bracket
- Spray Nozzle Kit