Technical Specifications

SIT Series Batch Weigh Inventory and Density Monitor Units are designed to mount on an existing bin. The SIT Series accurately monitors material usage by weight with 0.02% span-accurate cantilever load cells.

Features

Standard Features
- Allen-Bradley Micrologix 1500 PLC and color touch-screen
- Upper material supply (surge) hopper with conical weigh hopper reload valve
- Spun weigh hopper with pneumatic dump valve
- Mounts to existing hopper or bin
- Weigh hopper proximity switch
- 0.02% span-accurate cantilever load cells
- Remote operator control panel
- DF-1 communications

Optional Features
- Upper material supply hopper air-operated slide gate in lieu of standard conical reload valve
- Remote control panel with 10 ft. cable, 50 ft. maximum distance
- Upper material supply hopper gaylord bypass tube
- Ethernet communications

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Maximum rate, lbs./hr (kg/hr)*</th>
<th>Weigh hopper capacity, lbs. (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIT 025</td>
<td>1000 (454)</td>
<td>25 (11)</td>
</tr>
<tr>
<td>SIT 050</td>
<td>2000 (900)</td>
<td>50 (22)</td>
</tr>
<tr>
<td>SIT 100</td>
<td>5000 (2270)</td>
<td>100 (45)</td>
</tr>
</tbody>
</table>

* Rate based on 35 lbs./cu. ft. (560 kg/cu. m) free-flowing pellets. Actual rate may vary.