FAST Bin™ is a set of electronic inventory management solutions that automate process controls by providing continuous inventory monitoring, real-time inventory visibility, and automatic replenishment for bin stock parts. Different sensing technologies are applied to storage equipment designed for central stocking and point of use locations.

**Infrared**

Single bin system which utilizes infrared sensor technology to monitor approximate inventory levels.

- Parts are loaded into a planogram with min, max, and reorder quantities
- Bins size are selected and quantities per sensors are established
- An order is triggered when inventory falls below min. quantity
  (# of sensors reading vs blocked)

**RFID**

Multi-bin system which utilizes an RFID tag and reader to monitor approximate inventory levels.

- Parts are loaded into a planogram with min, max, and reorder quantities
- Bins are labeled with RFID tags
- An order is triggered when empty bins are placed into the replenishment zone

**Scale**

Single bin system that utilizes a high precision weight sensor system to monitor exact inventory levels.

- Parts are loaded into a planogram with min, max, and reorder quantities
- Scales are calibrated per part
- An order is triggered when inventory falls below min. quantity (weight)
**HOW IT WORKS**

Sensing technology monitors inventory at bin level.

An automatic order is generated when quantities dip below the established minimum.

Products are delivered and stocked by your local Fastenal representative.

<table>
<thead>
<tr>
<th>Type of Bin System</th>
<th>Infrared*</th>
<th>RFID*</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Bin</td>
<td></td>
<td></td>
<td>Single Bin</td>
</tr>
<tr>
<td>Multi-bin Kanban</td>
<td>Infrared Sensors</td>
<td>RFID tag &amp; Reader</td>
<td>Weight Sensor</td>
</tr>
<tr>
<td>Quantity on Hand Value</td>
<td>Approximate</td>
<td>Approximate</td>
<td>Exact</td>
</tr>
</tbody>
</table>

*FAST Bin Infrared and RFID can transmit data wirelessly up to 1,500 feet away from the controller if unobstructed

**ADVANTAGES OF FAST BIN℠**

**Free up time and labor**
By automating process controls, Fast Bin solutions reduce the amount of time your employees spend monitoring and ordering inventory.

**Eliminate stock-outs and emergency orders**
The established minimum and reorder quantities are customized to your purchasing habits, triggering automatic orders before you run out.

**Safely reduce on hand inventory**
Rather than tying up funds and space, Fast Bin allows you to stock parts at responsible levels with reassurance that Fastenal will deliver what you need, when you need it.

To learn more, contact binstocksupport@fastenal.com