

# SCALES FOR GRAIN BLENDING

Loss-In-Weight Feeders for Granular Material  
weighing



**B & R**  
TECHNOLOGIES

FEEDamatic 67XXS Scale

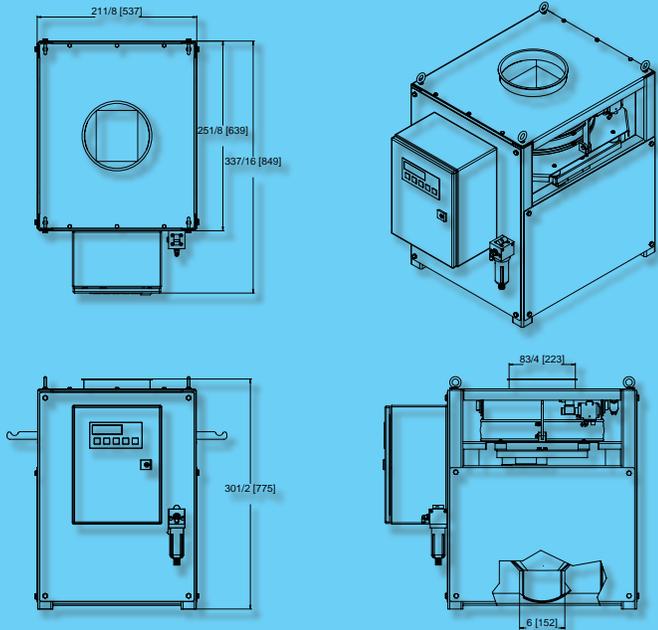
## Features:

- ◆ Compact size with low profile making it ideal for discharging from existing stock bins where little headroom is available.
- ◆ Weight-based accuracy avoids volumetric/density errors.
- ◆ Continuous flow eliminates pulses to processing equipment and provides more accurate blending.
- ◆ Accuracy of better than 0.2% regardless of changes in material characteristics.
- ◆ Simple calibration - material independent.
- ◆ Available in painted mild steel (std), contact 304SS, or full 304SS.
- ◆ Can be directly controlled by B&R's MillView Yield Management Instrument, a PLC, or your existing PC based control system with any of B&R's network interface solutions.
- ◆ Sanitary flow-through design.
- ◆ Ready for use "out-of-the-box", CTR3-LW Controller is pre-mounted and wired to the scale. The only connections required are power and compressed air.
- ◆ Mounts from the base or top of the frame for maximum flexibility.
- ◆ Optional outlet flange available for connection to discharge spouting.



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# FEEDAMATIC 67 XS SCALE



## Operation

The FEEDamatic 67XS Loss-in-Weight scale delivers a continuous, reliable, and uninterrupted flow of material. The Loss-in-Weight scale is ideal in applications requiring accurate feeding or blending of material at flow rates of up to 1100 ft<sup>3</sup>/h (32 m<sup>3</sup>/h). It has a rapid refill cycle, creating a compact size for high volume feeding applications where space is a consideration, and accuracy a must!

The FEEDamatic 67 Series Loss-in-Weight scale can be equipped to handle a variety of materials. Custom linings, gates, and contact materials can be incorporated. See your B&R representative for details.

## General Specifications (all models) :

### Accuracy

Accuracy percentage 0.2%  
Indicator Resolution 10,000 displayed grads, 100,000 internal

### Electrical

Voltage ..... 110/220 VAC Power Required... 200VA  
Frequency..... 50/60 Hz

### Inputs/Outputs\*

Voltage ..... 24 VDC standard, 120 VAC optional  
Available Inputs..... downstream hold, start, stop, 4-20 mA flow rate  
Available Outputs.. alarm, batch target reached, pre-target, running, accumulation pulse

### Compressed Air (clean, dry)

Pressure ..... 80 psi (5.5 Bar)  
Consumption..... 0.2 cfm (0.4 m<sup>3</sup>/h)

### Aspiration

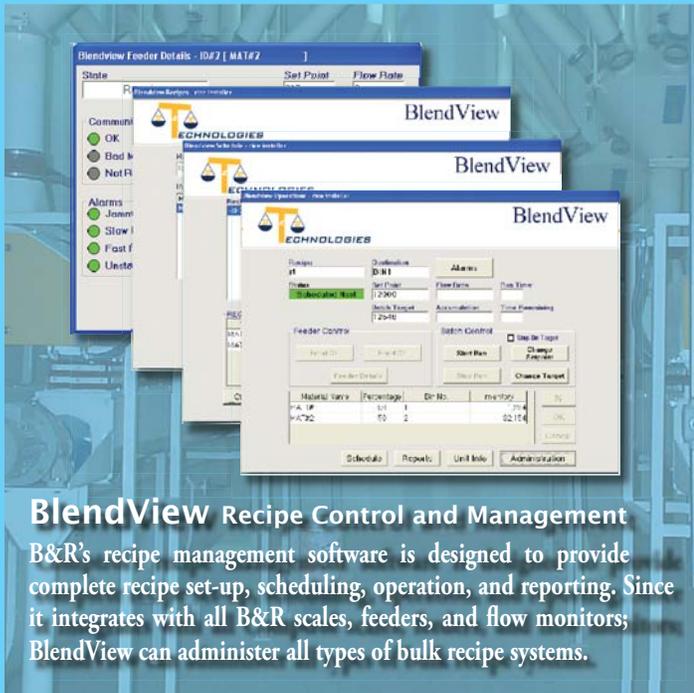
None required

### Communication

Networks..... Ethernet Modbus (Standard), DeviceNet, Profibus, Ethernet I/P, CANopen, Profinet.

OPC ..... complete OPC server available for scale data and control via Windows applications

\* Some I/O points are excluded with the addition of a network card



## BlendView Recipe Control and Management

B&R's recipe management software is designed to provide complete recipe set-up, scheduling, operation, and reporting. Since it integrates with all B&R scales, feeders, and flow monitors; BlendView can administer all types of bulk recipe systems.

## CTR3 Controller

### 6th Generation Controllers Include:

- ◆ Available in headless versions, or with full faceplate and keypad. You can fit the control system to your usage, and your budget!
- ◆ Live trending right on the scale display (if display is purchased for controller).
- ◆ Web page access to scale data and parameters. Access the scale from anywhere on your network!
- ◆ Available with DC or AC I/O to suit your control system.
- ◆ Available with all of the standard industrial networks: Ethernet Modbus (standard), DeviceNet, Ethernet I/P and Profibus. Save time, money, and wiring!
- ◆ Controller comes mounted and pre-wired to the scale, but can be moved up to 150 feet from the scale

