

GraviMan™

Continuous weighing unit

Applications:

- Extruder output supervision
- Gram per Meter control
- Precise layer control in a multi-layer extruder line

Features:

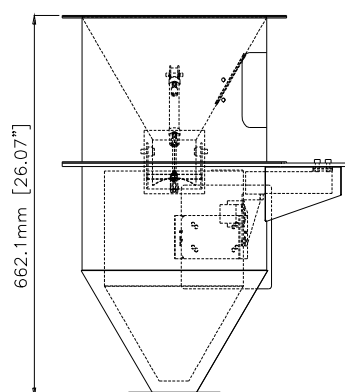
- Stainless Steel construction
- Semi-automatic calibration
- No need for tuning or setup when replacing materials
- Weighing bucket sizes from 3 to 50 liters
- Max capacity of 50 liter 2000 kg/h
- Standard Omron PLC control
- Single off center load -cell



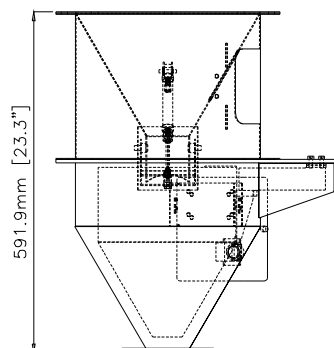
Principle of Operation:

- Extruder output supervision – Receives the extruder RPM via digital or analog interface, displays the extruder output rate on a display panel
- Gram per Meter control – Measures the extruder capacity, receives the line speed via digital or analog interface and adjusts the extruder's RPM to maintain the correct gram/meter
- Precise layer control in a multi-layer extruder line – The PLC receives the total desired output from the extruder's operation control and each extruder's RPM is then regulated according to the desired percentage while maintaining the total output of the line

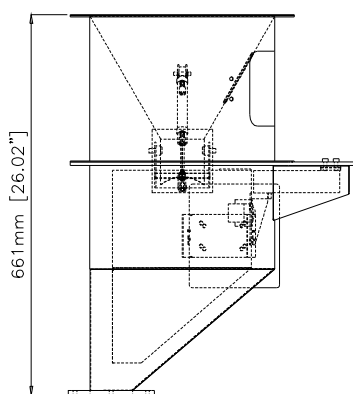
Graviman 8



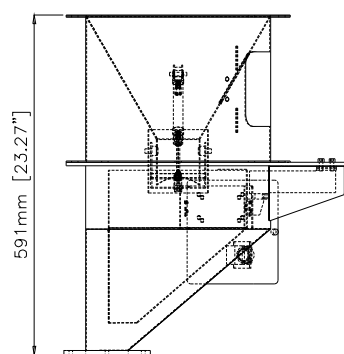
Graviman 3



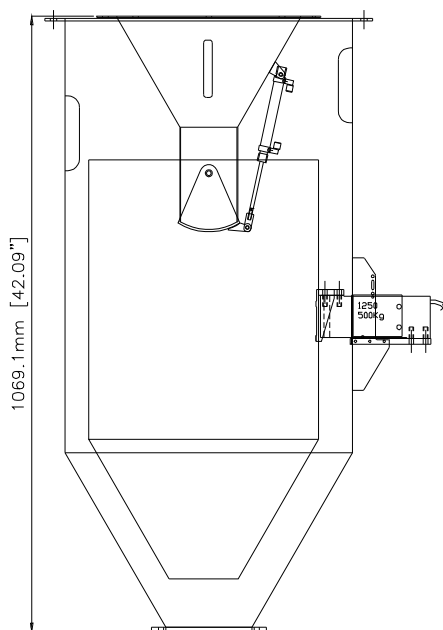
Graviman 8S



Graviman 3S



Graviman 50



Graviman 25

