



WEIGH SCALE BLENDER & INTEGRATED LOSS IN WEIGHT CONTROL

INTEGRATED SOLUTION

The WXB Extrusion Blender combines Maguire's proven Gravimetric Blending Technology with comprehensive Loss in Weight Control.

BLEND CONTROL

The gravimetric blender is fitted with stainless steel slide gates that are controlled by the Maguire software to constantly update dispenses in a batch. I.e. Dispense accuracy of +/- 1/10 of 1% of setpoint.

BLENDING & THROUGHPUT CONTROL

The batch of materials is then dispensed into a mix chamber where the materials are blended together. The mix chamber and the materials usage by an extruder are monitored by load cells every second, and the data is being updated to the integrated control.

RAW MATERIAL SAVING UP TO 10%

By automating the control and knowing the material usage the system can achieve savings in raw materials usage of up to 10%. Through quicker job changes and meeting job specifications faster.

RETURN ON INVESTMENT WITHIN 8-12 MONTHS

Fast payback by reduced material usage and production scrap. Alongside savings are derived from constant throughput control and adjustment of extrusion process targets.

EXTRUSION APPLICATIONS

Suited to all continuous extrusion processes for mono and co-extrusion processes. Applications include Film, Cable, Sheet, Pipe & Profile extrusion.

SCRAP REDUCTION

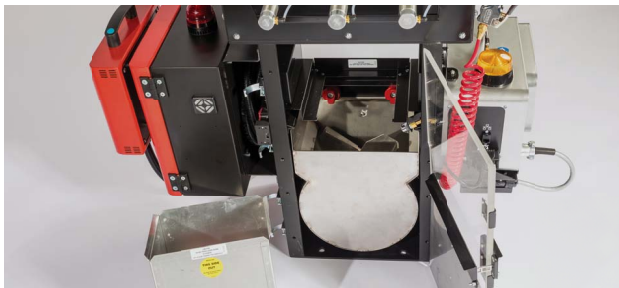
Maximize production with faster start-ups and constant regulation of production parameters.

QUICK MATERIAL CHANGES & CLEAN OUT

Easy access to all material contact surfaces of the machine including hoppers, weigh bin and mixing chamber allows for rapid material changes without the use of tools. A compressed air gun is provided for quick cleanout.

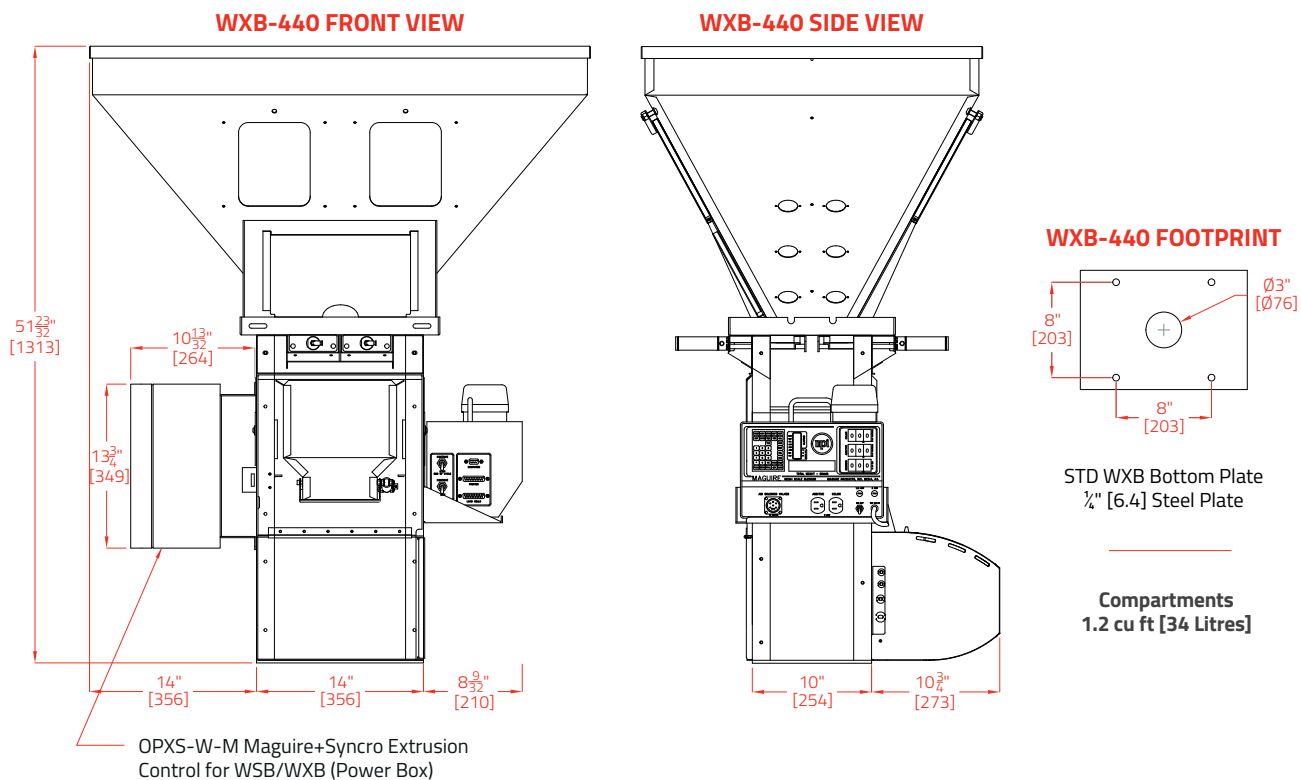
EXPANDABLE & MODULAR

The WXB control is expandable and can be simply integrated with further downstream controls for automatic gauging and process controls. To provide complete line control that is seamless.





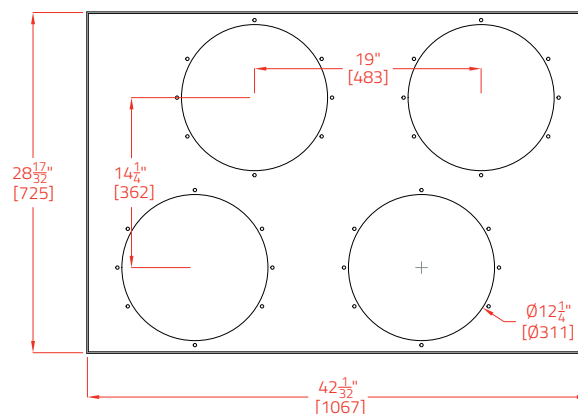
WXB 440 WEIGH EXTRUSION BLENDER DIMENSIONS



TECHNICAL DATA

Model WXB 440	
Maximum Throughput*	480kg/h to 635kg/h 1,050lb/h to 1,400lb/h
Number of Materials	4
Material Dispense Systems	4-2"x3" Slide Gate
Weight	134kg 295lb
Power Supply	120vac - 4.8 Amp 230vac - 2.7 Amp
Operating Air Pressure	4-6 Bar 60-90psi
Air Consumption	0.3 m³/hr 0.17cfm
Shipping Weight	145Kg 320lb
H x W x D	147 x 112 x 82cm 58 x 44 x 32.5in

WXB-440 LID TOP VIEW



*Throughput achieved is influenced by number of materials, how well they flow, vibration and loading consistency each can effect maximum output of a blender, which in turn effects sizing the correct blender required for an application. Maguire reserves the right to cancel product or change product, product specifications and data without notice to improve reliability, function, design or otherwise.



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