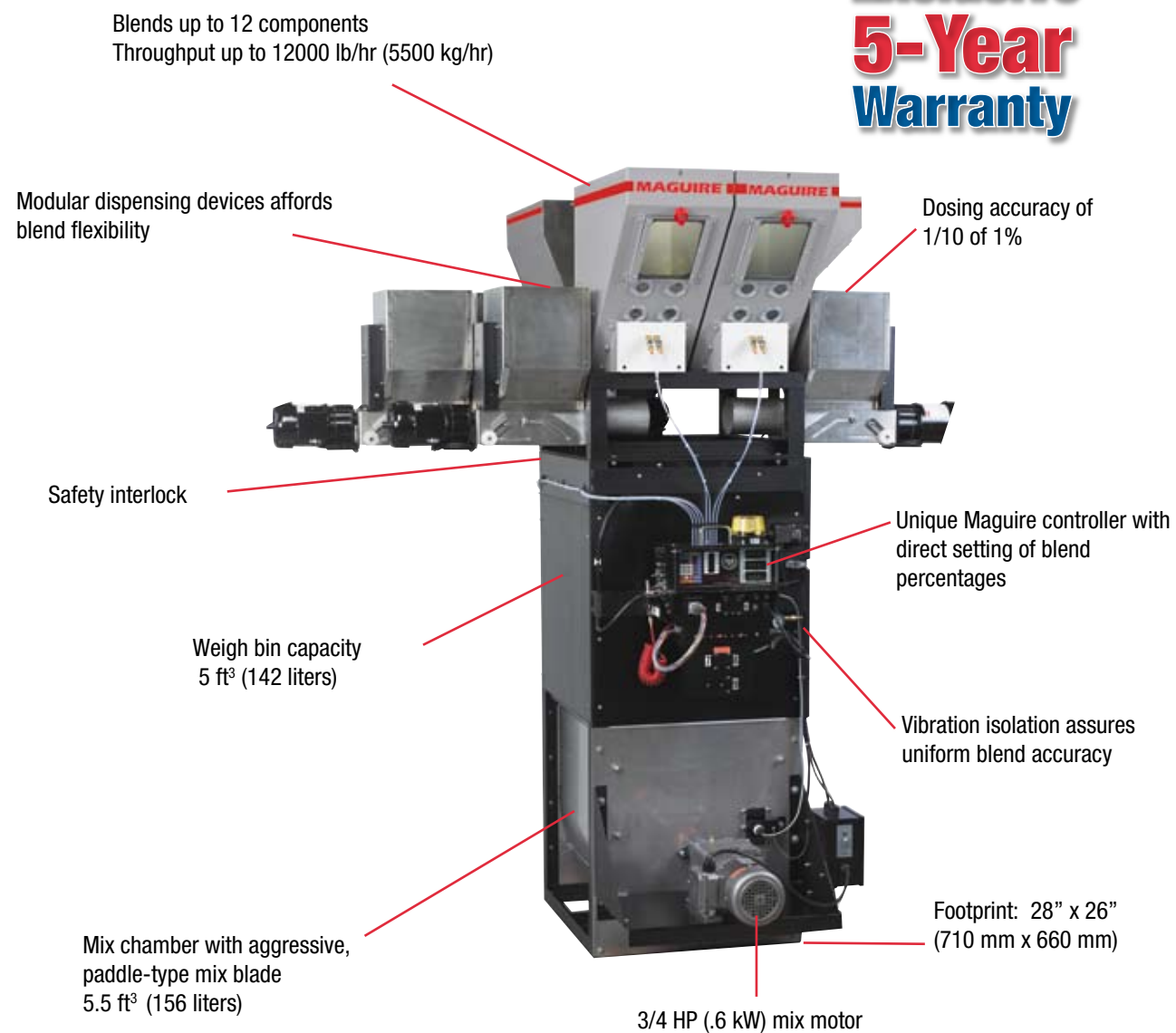


Versatile Blender

Smaller footprint, lower cost and more flexibility than previous methods for high capacity blending

**Exclusive
5-Year
Warranty**



MODEL	BATCH SIZE	NUMBER OF MATERIALS / APPLICATION	MAXIMUM THROUGHPUT CAPACITY	AIR SUPPLY	POWER REQUIREMENTS	OVERALL DIMENSIONS L x W x H (approx.)	INSTALLED WEIGHT (approx.)
WSB-3020	70-130 lb 30-60 kg	2 Materials / High Volume Extrusion	12,000 lb/hr 5,500 kg/hr	80 psi 6 Bar	230V/3Ph/60Hz or 480V/3Ph/60Hz or 400V/3Ph/50Hz	50 x 50 x 90 (in) 1300 x 1300 x 2300 (mm)	900 lb 400 kg
WSB-3040		4 Materials / High Volume Extrusion	6,000 lb/hr 2,700 kg/hr			50 x 50 x 90 (in) 1300 x 1300 x 2300 (mm)	900 lb 400 kg
WSB-3043		7 Materials / Compounding	4,800 lb/hr 2,200 kg/hr			60 x 80 x 90 (in) 1500 x 2100 x 2300 (mm)	1300 lb 600 kg
WSB-3045		9 Materials / Wood Composite	2,200 lb/hr 1,000 kg/hr			80 x 85 x 90 (in) 2000 x 2150 x 2300 (mm)	1500 lb 680 kg

MAGUIRE®

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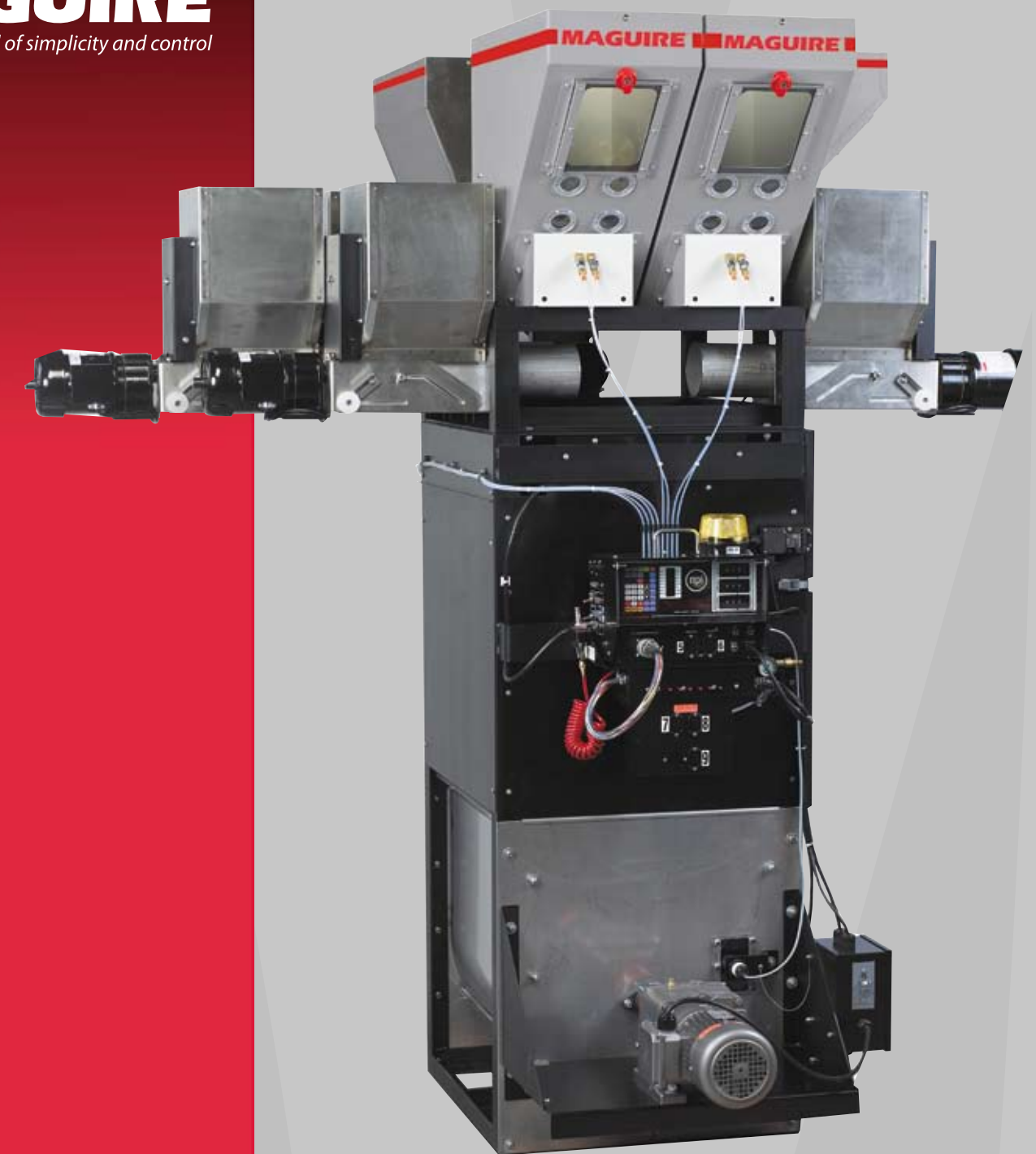
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MAGUIRE®
the perfect blend of simplicity and control



MaxiBatch™ Blender
High Volume Pellet/Powder Blender

MAGUIRE®

MaxiBatch™ High Capacity, Versatile, Gravimetric Blending Technology

Blend Virtually Any Combination of Powder, Wood Flour, Flake, Regrind, Pellet and Additive.



Major Advantages of the Maguire MaxiBatch™ Gravimetric Blender at a fraction of the cost and space required by previous methods:

- The world's largest throughput capacity at 12,000 lb/hr (5500 kg/hr)
- Blends up to 12 ingredients
- Precise and efficient dosing of large quantities of bulk powders such as additives and wood flour
- Ability to easily add or remove dispense devices
- Bulk powder dispensing in a sealed environment
- High accuracy blending of a variety of ingredient types
- New 12-12 Controller with Twelve Component Software
- Optional touch screen controller

Modular Flexible Design

A single MaxiBatch™ blender utilizes a variety of proprietary dispense methods to enable accurate blending of up to 12 ingredients as either a major or minor component.



Interchangeable hoppers and dispensing devices provide unlimited flexibility

The MaxiBatch™ blender accommodates twelve removable hoppers for as many ingredients, each hopper incorporates its own dispensing device designed for precise metering in large quantities.

As in other Maguire weigh blenders, ingredients are dispensed sequentially into a weigh chamber; the batch then falls into a mixing chamber.

A variety of proprietary, interchangeable dispense devices and bin sizes allows the MaxiBatch™ to be customized for your application.



High Flow Corner Valve

- Will dispense pellet or regrind materials only
- Hopper capacity: 4 ft³ (113 liters)
- Flow Rate: 11,000 grams/sec. @ 35 lb/ft³ (56 kg/dm³)
- Part number: as6-C



Low Flow Pivot Valve

- Suitable for pellets, regrind and some LGF materials
- Hopper capacity: 2 ft³ (57 liters)
- Flow rate: 2,000 grams/sec. @ 35 lb/ft³ (56 kg/dm³)
- Part number: as6-V



Wood Flour/Powder Feeder - with internal bridge breaker

- Suitable for very low bulk density powders
- Specifically designed for wood flour @ 10-15 ft³ (16 to 24 kg/dm³)
- Hopper capacity: 4 ft³ (113 liters)
- Flow rate: 3 ft³/min. (85 liters/min.) - 4" auger
- Part number: AWF-64W



2 inch Pellet Feeder

- Suitable for pelletized additive materials
- Hopper capacity: 2 ft³ (57 liters)
- Flow rate: 10 lb/min. (5 kg/min.)
- Part number: AWF-16

Small Capacity Powder Feeders

- Suitable for a variety of powdered materials
- Hopper capacity is limited and should be specified for minor ingredients
- Hopper capacity: 2 ft³ (57 liters)
- Flow rates:
 - 3" auger 2 ft³/min. (57 liters/min.) Part number: AWF-48
 - 4" auger 3 ft³/min. (85 liters/min.) Part number: AWF-64

Application Examples

Process Type: Extrusion Industry: Composite Decking

- Required Throughput: 2200 lb/hr (1000 kg/hr)
- Number of materials: 9

Material Type/Description

Wood Flour/Powder
Talc/Powder
UV Stabilizer/Powder
Zinc Borate/Powder
Blowing Agent/Powder
Poly Pro/Pulverized
Fiberglass/Long Strand Pellet
Color/Pellet
Regrind/Typical

Device

Auger
Auger
Auger
Auger
Auger
Vertical Valve
Vertical Valve
Vertical Valve
Vertical Valve

Process Type: Extrusion Industry: Packaging

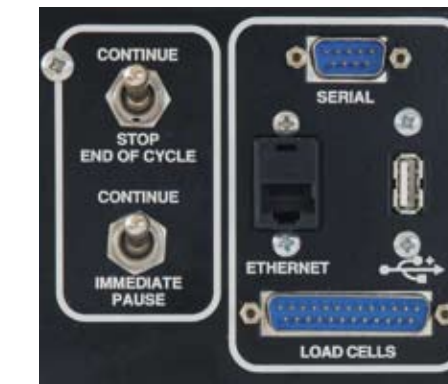
- Required Throughput: 6000 – 8000 lb/hr (2700 – 3600 kg/hr)
- Number of materials: 5

Material Type/Description

Poly Pro/Pellet
Poly Pro/Pellet
Regrind/Flake
Regrind/Flake
Color/Pellet

Corner Valve
Corner Valve
Corner Valve
Corner Valve
Auger

Advanced Controls Provide Flexibility and Accountability



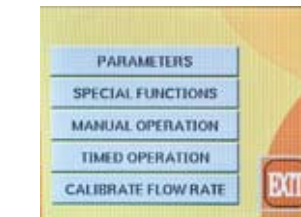
12-12 Controller-Standard

Standard on all MAGUIRE MaxiBatch™ Blenders. Clear messages in 9 languages replace coded readout. User-friendly interface: 2-line, 40-character vacuum fluorescent display. USB port included for software updates, printers and documentation.

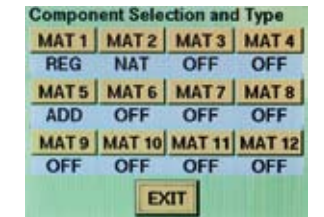


Advanced Color Touch Screen Control Option

All the features of the 12-12 controller plus the ease of touch screen navigation. This optional control includes an intuitive, user-friendly touch screen and Ethernet connectivity. Unique onboard wireless capability eliminates the cost of installing cable throughout the production area and readily links to other wireless equipped machines.



Blender Set-up



Component Selection



Parameter Selection



Password Security

Gravimetric Gateway™ Server (G2 Server)

The Gravimetric Gateway™ Server also referred to as the G2 Server, is the name we give to the server software written exclusively for the MAGUIRE Weigh Scale Blenders. The G2 Server enables you to communicate directly from the server with one or more WSB controllers or connect remotely from anywhere over a TCP/IP network using the Gravimetric Gateway™ Client Software. The Gravimetric Gateway™ Server provides two-way communication between the server and the MLAN network of blenders through downloading and constant retrieval of information from WSB controllers. The Gravimetric Gateway™ software was designed to work as a stand-alone application to provide enhanced reports and control. The Gravimetric Gateway™ software has the ability to use MySQL for its databases.