



WEIGH BLENDER

Integrating Plastic Technologies Since 1965

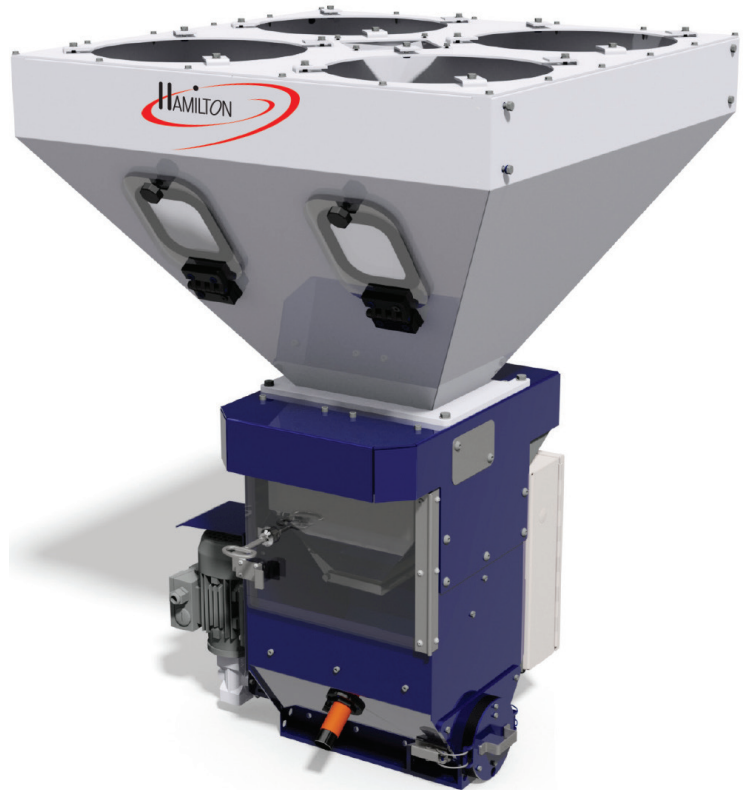
OPTIMIX Range

Advanced Blending Options

The OPTIMIX range of blenders is the perfect solution where precise mixing, dosing, weighing and control is needed. Applicable across all process applications and throughput requirements, they are renowned for their reliability, performance and simplicity of operation. The OPTIMIX range provides the perfect choice for all your blending requirements and can be tailor to suit either simple or complex applications.

OPTIMIX Batch Blender can accommodate up to twelve material components while providing throughput rates up to 11,000 lbs./hr (5000 kg/hr). OPTIMIX blenders utilize the patented slide valve design and the patented reverse-flight auger mixing technology. This combination provides superior accuracies, blend ratios and mixing homogeneity that sets a new standard for the industry.

All components are blended by weight based on the preset blend ratios on the micro-processor controller. Each component is metered separately into a single weigh hopper, which measures and controls their percentage.



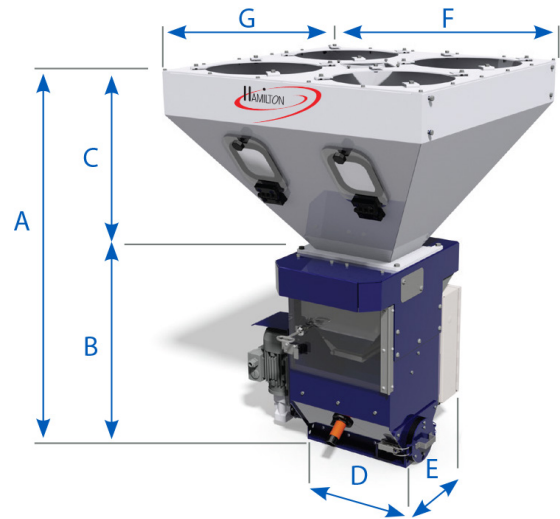
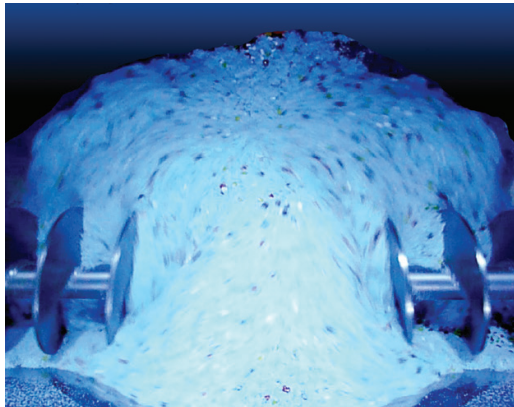
Features & Benefits

- Faster Product Changes
- Continuous Homogeneous Mixing
- Increased Regrind Usage
- Product Consistency
- High Accuracy Dispensing up to 0.01% of batch
- Comprehensive Report / Alarm Management
- Built-in Trending & Data History Management
- Industry Standard Communication Protocols
- Material Usage / Inventory Statistics & Reports





WEIGH BLENDER - OPTIMIX Range



Dimensions	OPTIMIX 50	OPTIMIX 150	OPTIMIX 250	OPTIMIX 350	OPTIMIX 650	OPTIMIX 1000	OPTIMIX 1500	OPTIMIX 3000
A Blender Height [inch (mm)]	29 (737)	29 (737)	29 (737)	43 (1094)	45 (1159)	56 (1415)	58 (1465)	72 (1820)
B Mixing Chamber Height [inch (mm)]	16 (413)	16 (413)	16 (413)	23 (586)	26 (651)	36 (915)	38 (965)	40 (1010)
C Reservoir Hopper Height [inch (mm)]	13 (324)	13 (324)	13 (324)	20 (508)	20 (508)	19 (500)	19 (500)	32 (810)
D Blender Front Width [inch (mm)]	8 (205)	8 (205)	8 (205)	22 (562)	22 (562)	18 (470)	18 (470)	35 (894)
E Blender Side Width [inch (mm)]	13 (333)	13 (333)	13 (333)	19 (500)	19 (500)	27 (680)	27 (680)	30 (761)
F Hopper Bin Front Width [inch (mm)]	26 (652)	26 (652)	26 (652)	30 (750)	30 (750)	30 (760)	30 (760)	53 (1350)
G Hopper Bin Side Width [inch (mm)]	26 (652)	26 (652)	26 (652)	30 (750)	30 (750)	30 (760)	30 (760)	41 (1050)

Characteristics	OPTIMIX 50	OPTIMIX 150	OPTIMIX 250	OPTIMIX 350	OPTIMIX 650	OPTIMIX 1000	OPTIMIX 1500	OPTIMIX 3000
Reservoir Hopper Volume (per comp.) [cuft. (L)]	0.42 (12)	0.42 (12)	0.42 (12)	1.24 (35)	1.24 (35)	1.13 (32)	1.13 (32)	3.88 (110)
Standard No. Material Components	4	4	4	4	4	4/6	4/6	4/8
Optional Additional Material Components	+2	+2	+2	+2	+2	+4	+4	+4
Standard Batch Weight Capacity [lbs. (kg)]	1.1 (0.5)	2.0 (0.9)	2.6 (1.2)	4.4 (2.0)	8.8 (4.0)	16.5 (7.5)	26.5 (12.0)	55.1 (25.0)
Mixing Motor	1Φ	1Φ	1Φ	3Φ	3Φ	3Φ	3Φ	3Φ
Motor [HP (kW)]	0.25 (0.18)	0.25 (0.18)	0.25 (0.18)	0.25 (0.18)	0.25 (0.18)	0.36 (0.27)	0.36 (0.27)	1 (0.75)
Blender Weight [lbs. (kg)]	110 (50)	110 (50)	110 (50)	165 (75)	176 (80)	253 (115)	275 (125)	496 (225)
Max Material Temp. [°F (°C)]	158 (70)	158 (70)	158 (70)	158 (70)	158 (70)	158 (70)	158 (70)	158 (70)
Max Optional Material Temp. [°F (°C)]	266 (130)	266 (130)	266 (130)	266 (130)	266 (130)	266 (130)	266 (130)	266 (130)

