

Solutions Through Partnership

OPTIMIX MK2 300/600 SERIES

Advanced Dosing Solutions



Standard Version

Easy-Drain Version

TSM

Features

- Faster Product Changes
- Continuous Homogeneous Mixing
- Increased Regrind Usage
- Product Consistency
- High Accuracy Dispensing up to 0.01% of batch

User Interface

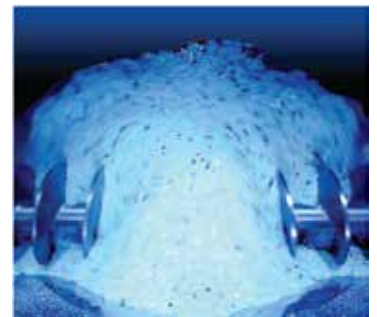
- Intuitive Operator Functionality
- Comprehensive Report / Alarm Management
- Built-in Trending & Data History Management
- Industry Standard Communication Protocols
- Material Usage / Inventory Statistics & Reports



300 / 600 OPTIONS

- Extrusion Control
- Powder Dosing
- Flange Adapters
- Offline Blending
- Automatic Cleaning
- Integrated Material Handling

OPTI-MIX MK2 300/600 Series Batch Blenders can accommodate up to six components while providing throughput rates up to 350 kg/hr (770lb/hr) and 650 Kg/hr (1400lb/hr) respectively. The blenders utilize TSM slide valve design and patented reverse-flight auger mixing technology. This combination provides superior accuracies, blend ratios and mixing homogeneity that is not achievable by competitive systems. All components are blended by weight, based on the preset blend ratios entered on the touch screen. Each component is metered separately into a single weigh hopper, which measures and controls their percentage.



Patented Mixing Technology
Reverse Flight Auger

www.tsm-controls.com

OPTIMIX MK2 300/600

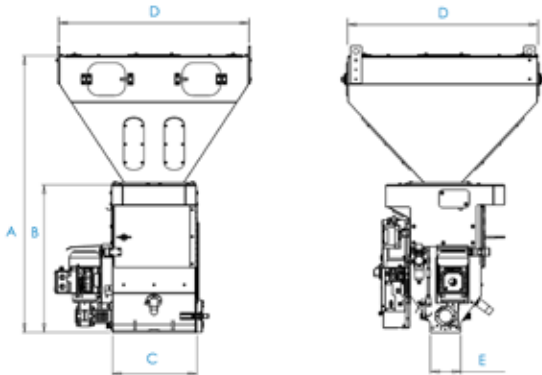
Advanced Dosing Solutions

BLENDER MODEL	STD. NO. OF COMPONENTS	MAX. NO. OF COMPONENTS	STD. BATCH SIZE	STD. UNIT THROUGHPUT	EASY DRAIN	MAX. NO. OF SIDE FEEDERS	MAX MICRA-DOSE SIDE FEEDERS	MAX POWDER SIDE FEEDERS	MAX AUGER SIDE FEEDERS	LIQUID DOSING SIDE FEEDER	INTERNAL AUTO-CLEAN	BIN BLOW DOWN AUTO-CLEAN	MATERIAL BYPASS AUTO-CLEAN	AUTO-DRAIN
OPTI-MIX 300	4	6	2kg	350 kg/hr (770 lb/hr)	No	2	2	2	2	Opt	Opt	Opt	Opt	N/A
OPTI-MIX 300 Easy Drain	4	6	2kg	350 kg/hr (770 lb/hr)	Yes	2	2	0	0	Opt	Opt	Opt	Opt	N/A
OPTI-MIX 600	4	6	4kg	650 kg/hr (1400 lb/hr)	No	2	2	2	2	Opt	Opt	Opt	Opt	N/A
OPTI-MIX 600 Easy Drain	4	6	4kg	650 kg/hr (1400 lb/hr)	Yes	2	2	0	0	Opt	Opt	Opt	Opt	N/A

Specifications

Blender Weight	(kg / lb)	130 / 286
Max Material Temp	(°C / °F)	70 / 158
Max Optional Material Temp	(°C / °F)	130 / 266
Mix Chamber Discharge Hole	(mm/”)	51 / 2.0

Dimensions



BLENDER MODEL	A	B	C	D	E
OPTI-MIX 300	1096mm 43.15"	585mm 23.03"	335mm 13.19"	750mm 29.53"	120mm 4.72"
OPTI-MIX 300 Easy Drain	1141mm 44.92"	630mm 24.80"	335mm 13.19"	750mm 29.53"	120mm 4.72"
OPTI-MIX 600	1161mm 45.71"	650mm 25.59"	335mm 13.19"	750mm 29.53"	120mm 4.72"
OPTI-MIX 600 Easy Drain	1206mm 47.48"	695mm 27.36"	335mm 13.19"	750mm 29.53"	120mm 4.72"

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