

Solutions Through Partnership

# OPTIMIX MK2 100 SERIES

Advanced Dosing Solutions

# TSM

## Features

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

## User Interface

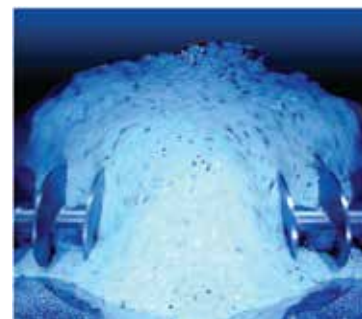
- Intuitive Operator Functionality
- Comprehensive Report / Alarm Management
- Built-in Trending & Data History Management
- Industry Standard Communication Protocols
- Material Usage / Inventory Statistics & Reports



## 100 OPTIONS

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

**OPTI-MIX 100** Batch Blenders can accommodate up to four components while providing throughput rates up to 100 kg/hr (330lb/hr). OPTI-MIX 100 utilizes 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**

# OPTIMIX MK2 100

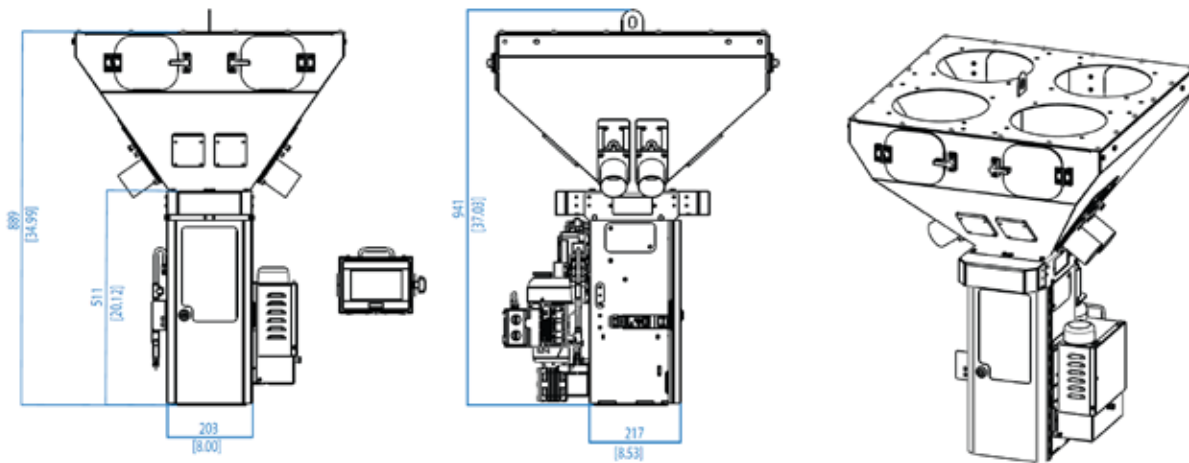
Advanced Dosing Solutions

| 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 100  | 4                      | 6                      | 1.0kg           | 100 kg/hr (220 lb/hr). | No         | 2                        | 2                           | 0                       | 0                      | N/A                       | N/A                 | N/A                      | N/A                        | N/A        |

## Specifications

|                            |           |           |
|----------------------------|-----------|-----------|
| Blender Weight             | (kg / lb) | 50 / 110  |
| Max Material Temp          | (°C / °F) | 70 / 158  |
| Max Optional Material Temp | (°C / °F) | 130 / 266 |
| Mix Chamber Discharge Hole | (mm/")    | 50 / .0   |

## Dimensions



### European Office (Headquarters)

#### TSM

TSM Control Systems,  
Finnabair Industrial Estate,  
Dundalk, Co. Louth,  
Ireland

**Tel:** +353-42-933-5560

#### Email:

**General:** info@tsm-controls.com  
**Sales:** sales@tsm-controls.com  
**Support:** service@tsm-controls.com

### North America Regional Office

#### TSM Inc.

1505 Johnson Ferry Road,  
Marietta, GA 30062, USA

1404 Joliet Road,  
Romeoville, IL 60446, USA

**Tel:** (770)-886-6630

#### Email:

**General:** info@us.tsm-controls.com  
**Sales:** sales@us.tsm-controls.com  
**Support:** service@us.tsm-controls.com

### Asia-Pacific Regional Office

#### TSM Taiwan

No.13 Siangshang 1st Street,  
West District,  
Taichung City 403,  
Taiwan

**Tel:** +886-4-2472-8185

#### Email:

**General:** info@tsm-controls.com.tw  
**Sales:** sales@tsm-controls.com.tw  
**Support:** service@tsm-controls.com.tw

### China Regional Office

#### TSM China

Room 2423, No. 983, International Port  
Center (IPC), HuangPu Avenue (East),  
HuangPu District, GuangZhou City,  
China

**Tel:** +86-139-2506-2596

#### Email:

**General:** china@tsm-controls.com  
**Sales:** china@tsm-controls.com  
**Support:** china@tsm-controls.com