

Specialists in Gravimetric Blending & Controls

# OPTI-POW

Batch Blender with  
Powder Handling



# TSM

## Benefits

- No Material Separation or De-mixing
- Precise Control to Target Setpoint
- High Accuracy Dispensing up to 0.01% of Batch
- Starve-fed or Flood-fed Applications
- Easily Removable, Easy Clean weigh hopper
- Product Consistency

## User Interface

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

## Options

- Extrusion Control (Lb/hr)
- Weight per Length Control
- Custom Mounting Flanges
- Offline Blending
- Integrated Material Handling

TSM's **Opti-Pow** range of batch blending solutions offers the unique processing and homogeneous mixing of standard pellets, regrind and powders with the same precise measurement, total reliability and advanced extrusion control options that are available on our standard range of OPTI-MIX blenders. With the ever present requirement to handle more complex recipes and reduce material costs, the Opti-Pow offers this ideal solution to plastic producers in a cost competitive package.

The TSM **Opti-Pow** provides an extremely reliable, robust and precise 'dosing' solution for gravimetric blending and extrusion control. The powder component is gravimetrically fed directly to the blender and can dosed, weighed and mixed with the other materials for a complete homogeneous mixing of all recipe materials.

# OPTI-POW

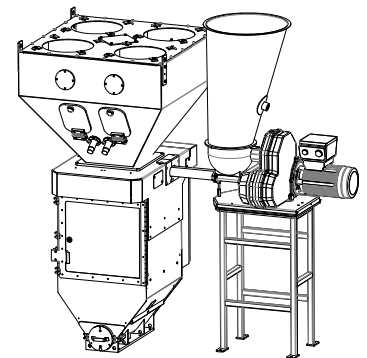
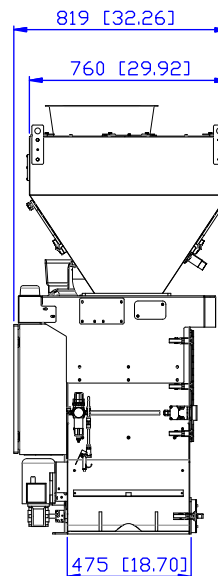
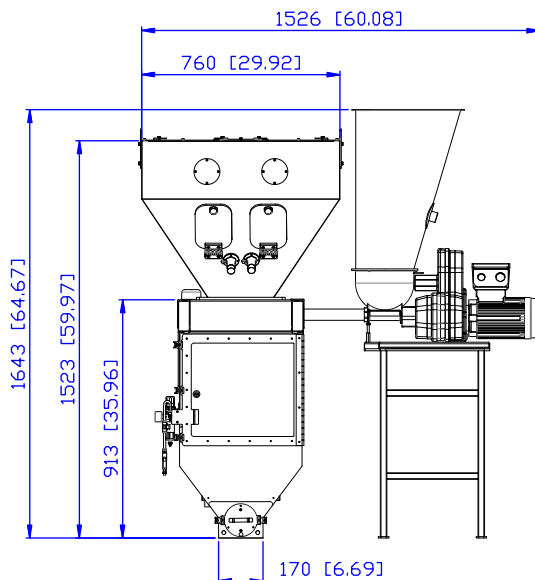
## Batch Blending with Powder Handling

OPTI-POW RANGE	THROUGHPUT
OPTI-POW 200	200 kg (440 lbs) / hour
OPTI-POW 400	400 kg (880 lbs) / hour
OPTI-POW 1000	1000 kg (2200 lbs) / hour

### Environmental

Blender Weight	(kg / lb)	80 / 176
Max Ambient Operating Temp	(°C / °F)	50 / 122
Max Material Temp	(°C / °F)	70 / 158
Max Optional Material Temp	(°C / °F)	130 / 266

### OPTI-POW 1000



#### European Office (Headquarters)

**TSM**  
Ard Easmuinn, Dundalk,  
Co. Louth, Ireland.

**Tel:** +353-42-9335560

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

#### North America Regional Offices

**TSM Inc.**  
1505 Johnson Ferry Road  
Marietta, GA 30062, USA.

**TSM Inc.**  
1404 Joliet Road,  
Romeoville, IL 60446, USA.

**Tel:** (770) 886-6630  
**General Info:**  
info@us.tsm-controls.com  
**Sales:**  
sales@us.tsm-controls.com  
**Support:**  
service@us.tsm-controls.com

#### Asia-Pacific Regional Office

**TSM Taiwan**  
Taichung City, Taiwan,

**Tel:** +886-4-24728185

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

#### China Regional Office

**TSM China**  
Room 2423, IPC Center, No. 983,  
East HuangPu AVE, HuangPu District,  
GuangZhou City 510000, China.

**Tel:** +86-139-25062596

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