

OPTIX

Gravimetric Batch Blender with
Loss-in-Weight Extrusion Control



Features

- Insight Ready
- Faster Product Changes
- Continuous Homogeneous Mixing
- 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

TSM OPTIX

Multi Component Gravimetric Batch Blender for Extrusion Control

OPTIX range of blenders are specifically designed for Extrusion applications and incorporates patented Insight enabled technology based on Industry 4.0 platform. With enhanced functionality across all aspects providing superior accuracies, blend ratios and mixing homogeneity not achievable by competitive systems. **OPTIX** blenders utilize TSM slide valve design and patented reverse-flight auger mixing technology combined with continuous Loss-in-Weight measurement.

TSM's extrusion control blenders combine in a unique way, accurate gravimetric batch blending with integrated extrusion control using Loss-in-Weight techniques. This results in exceptional, ultra fast throughput measurement and control of the extrusion process.

OPTIX range can accommodate up to eight components at throughputs up to 800kg (1760 lbs/hour)..

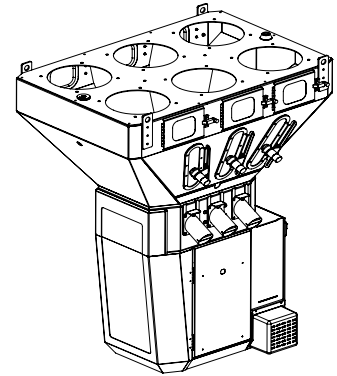
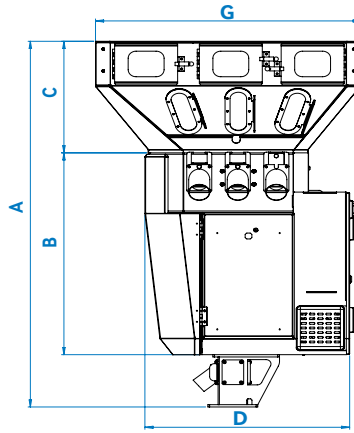
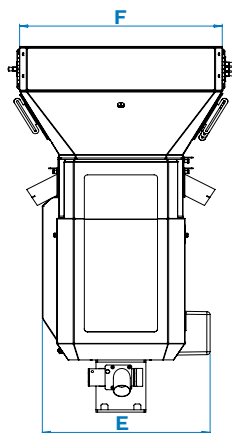
OPTIX

Gravimetric Batch Blender with Loss-in-Weight Extrusion Control

Characteristics	OPTIX 100	OPTIX 200	OPTIX 400	OPTIX 800
Reservoir Hopper Volume (L/Cuft)	15 / 0.5	15 / 0.5	23 / 0.8	32 / 1.1
Std No. Material Compartments	6	6	6	6
Optional Additional Material Compartments	0	2	2	2
Std Batch Weight Capacity kg / lb	1 / 2.2	3 / 6.6	5 / 11	9 / 19.8
Mixing Motor Ø	1	3	3	3
Motor kW / HP	0.25 / 0.18	0.25 / 0.18	0.25 / 0.18	0.25 / 0.18
Blender Weight kg / lb	60 / 132	70 / 154	75 / 165	90 / 198
Max Material Temp °C / °F	70 / 158	70 / 158	70 / 158	70 / 158
Max Optional Material Temp °C / °F	130 / 266	130 / 266	130 / 266	130 / 266

Dimensions				
A Blender Height (mm/")	1259 / 49.6	1461 / 57.5	1461 / 57.5	1750 / 68.9
B Frame Height (mm/")	697 / 27.4	765 / 30.1	765 / 30.1	967 / 38.1
C Hopper Bin Height (mm/")	384 / 15.1	514 / 20.2	514 / 20.2	609 / 24.0
D Blender Side Width (mm/")	616 / 24.2	616 / 24.2	616 / 24.2	616 / 24.2
E Blender Max Width (mm/")	505 / 19.9	505 / 19.9	505 / 19.9	505 / 19.9
F Hopper Bin Front Width (mm/")	610 / 24.0	610 / 24.0	610 / 24.0	750 / 24.0
G Hopper Bin Side Width (mm/")	800 / 31.5	800 / 31.5	975 / 38.4	1129 / 44.4

Standard 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