



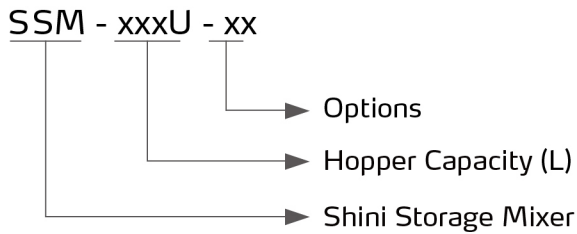
## Storage Mixer

SSM-160U



Refer carefully to this manual before operation.

## ■ Coding Principle



## ■ Features

- Vertically mounted blending screw and cylinder ensure even mixing of materials.
- Removable top assembly (lid, motor, and control box) for easy cleaning.
- 0~300 hours auto-stop function.
- Equipped with main power switch and safety interlock protective device to ensure operator's safety and no damage to the machine.
- SSM-U has height adjustable floor stand and braking castors as standard accessories for easy movement.

## ■ Options

- Pneumatic discharge plate is an optional accessory for mounting at discharge outlet, and add "SP" at the end of the model code.

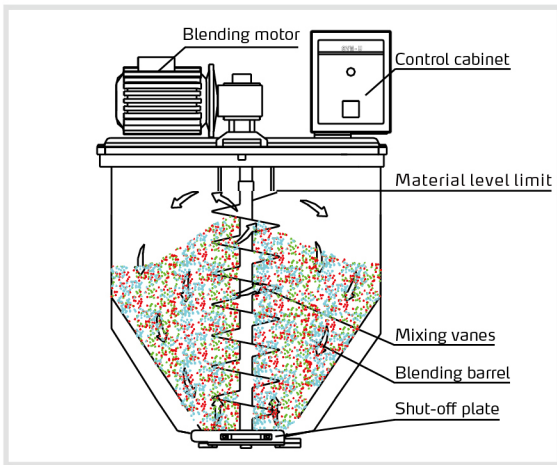
## ■ Application

SSM-U is mainly used for mixing plastics such as raw materials, masterbatch and recycled materials. SSM-U can not be used dealing with plastic powder and all kinds of foods, chemicals, and inflammable, explosive and volatile materials. Bulk density should be taken into account when the dimension of material is uneven or in other forms.

## ■ Working Principle

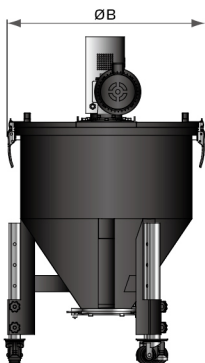
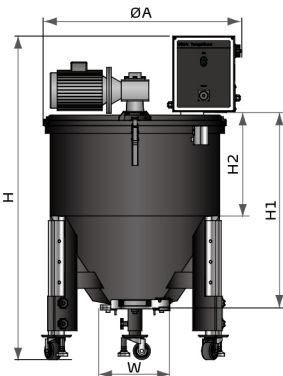
To achieve the aim of material mixing, screw blades are used to generate vortex. Materials are sucked towards mixing screws at the center of hopper bottom by vortex, then materials whirl upward to the top and fall down so that the evenly mixing can be fulfilled in a short period.

# SSM-U Series



Signals from the control cabinet will be sent to blending motor which drives the blending screw to start material blending. Then material conveyed along the cylinder up to the top is evenly spread in the blending barrel. This process mixes material evenly in a short time, saving energy. After blending, draw open the shut-off plate to discharge the material.

## Outline Drawings



## Specifications

Model		SSM-80U	SSM-160U	SSM-300U	
Motor Power (kW)		0.55	0.55	1.1	
Max. Throughput	kg/hr	200	400	800	
	lb/hr	441	882	1763	
Blending Barrel*	L	80	160	300	
	gal	21	42	79	
Dimensions	H	mm	1158	1410	1615
		inch	45.6	55.5	63.6
	H1	mm	694	867	982
		inch	27.3	34.1	38.7
	H2	mm	352	454	505
		inch	13.9	17.9	19.9
	W	mm	256	302	302
		inch	10	11.9	11.9
	ΦA	mm	766	873	1009
		inch	30.2	34.4	39.7
	ΦB	mm	711	867	1050
		inch	28	34.1	41.3
Weight	kg	83	126	187	
	lb	183	278	412	

- Notes: 1) "\*" stands for the optimal mixing time at full load is about 15min.  
 2) Max. noise level is 70dB (A).  
 3) Max. mixing capacity is tested based on continuous processing material of 0.65kg/L(5.5lb/gal) in bulk density and 2~3mm/0.08~0.12inch in size.  
 4) Power 3Φ, 230 / 400 / 460 / 575VAC, 50 / 60Hz.