

Features

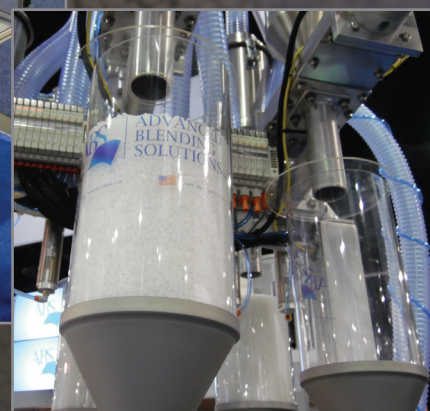
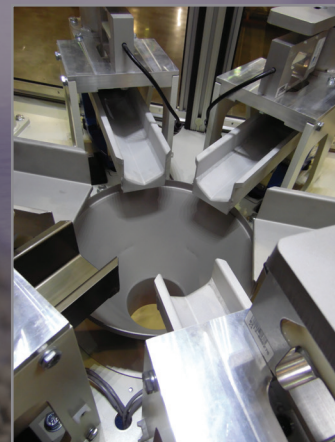
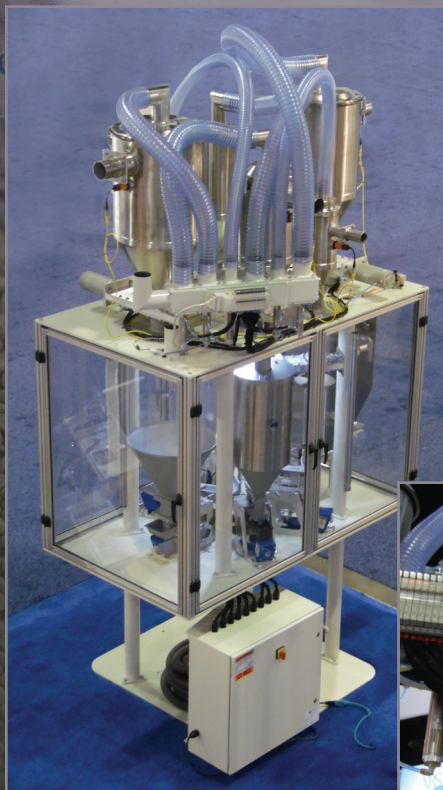
- Standard Models Available from 2 - 10 Components
- Feeders range from 0,2 - 2.700 kg/h for bulk density of 0,56 kg/l
- PLC- or PC-based controls with enhanced graphics, and recipe, trending, historian, and inventory management tools.
- Loss-in-Weight Technology
- Precision Vibratory Feeders
- Static Mixing
- Powders, Pellet, Flake Regrind
- Integral Vacuum Sequence Control
- Optional Gravimetric Extrusion Control
- Optional High Temp components available
- Optional doors available

Blender Configurations

- Mezzanine/Floor Mount. Mezzanine with gravity feed to either an extruder hopper with high/low proximity sensors, or an extruder mounted weighed downcomer. Floor Mount with optional continuous material convey kit to extruder.
- Extruder Mount with integral weighed downcomer.
- Floor Mount with an integral vacuum take-off box

The SIMPLICITY Continuous Gravimetric Resin Blender is easy to install, configure, operate, and maintain. SIMPLICITY uses industry-proven components like maintenance-free vibratory feeders, which provide simultaneous metering of all components, eliminating the need for mechanical mixing and consistently producing the desired blend. A color touchscreen provides the operator with an easy-to-use interface and built-in help screens. The controller is highly accurate and reliable to assure total system functionality and integration.

Advanced Blending Solutions manufactures a full line of vacuum convey, feeding, blending, and storage equipment for the plastics industry. Advanced Blending Solutions also offers a full line of PLC/PC-based controls for gravimetric extrusion control, vacuum sequence control, extruder/die temperature control, and blender control.



All Rates Are Estimates. Rates will Vary Based on Material Type.

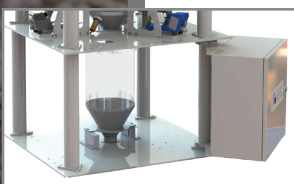
Metric Fasteners are Available.

BLENDERS

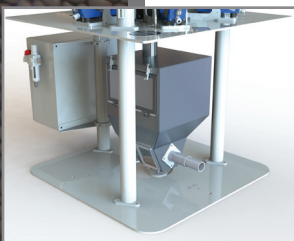
Item	Description	Order Code
Blender Base	225 kg/h 450 kg/h 1.150 kg/h 2.700+ kg/h	I-SX I-S1 I-S2 I-S3
Components	For X insert number of components	X
Controls	Allen Bradley PLC Beckhoff Automation	AB BH
Temperature	Standard Temp Components (<65°C) High Temp Components (<176°C)	ST HT
Frame Size	Six Component Frame Ten Component Frame	6 10
Doors	Doors No Doors	DOOR NONE
Insert Order Code Selections to Create Part Number: _____		

SIMPLICITY Discharge Options: Ordering Information

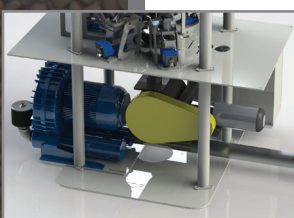
Item	Blender Size		Capacity		Order Code
Weigh Hopper Discharge	SX		15 L		I-IWH-A
	S1		15 L		I-IWH-A
	S2		55 L 55 L (Square)		I-IWH-E I-IWH-ERG
	S3		55 L 85 L 85 L (Square)		I-IWH-E I-IWH-G I-IWH-GRG
Item	Blender Size		Capacity		Order Code
Vacuum Take-Off Discharge	SX		55 L		I-FVT-2
	S1		55 L		I-FVT-2
	S2		85 L		I-FVT-3
	S3		115 L 140 L		I-FVT-4 I-FVT-5
Item	Blender	Blower w/VFD	Max kg/h	Temp.	Order Code
Continuous Convey Kit Discharge	SX/S1	K04/2.3 kW	450	Standard High (<120°C)	I-CC-KIT-50 I-CC-KIT-50-HT
		K05/3 kW	450	Standard High (<120°C)	I-CC-KIT-63 I-CC-KIT-63-HT
	S2	K05/3 kW	450	Standard High (<120°C)	I-CC-KIT-63 I-CC-KIT-63-HT
		K07/3.8 kW	680	Standard High (<120°C)	I-CC-KIT-76 I-CC-KIT-76-HT
		K07/7.5 kW	1.350	Standard High (<120°C)	I-CC-KIT-89 I-CC-KIT-89-HT
	S3	K07/7.5 kW	1.350	Standard High (<120°C)	I-CC-KIT-89 I-CC-KIT-89-HT
		Consult Factory	3.175	Standard High (<120°C)	I-CC-KIT-102 I-CC-KIT-102-HT
Insert Order Code Selections to Create Part Number:			_____		



Weigh Hopper



Vacuum Take-Off



Continuous Convey

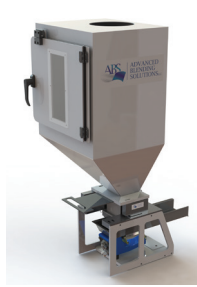
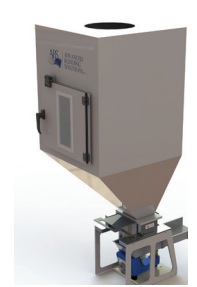
SIMPLICITY Feeders: Ordering Information

Item	Type	Description	Order Code
SIMPLICITY Feeders	Resin	0,2 - 18 kg/h Feeder	I-FE40E*
		0,5 - 18 kg/h Feeder for Slip Additives	I-FE40ES*
		0,2 - 90 kg/h Feeder	I-FE200E*
		0,5 - 90 kg/h Feeder for Slip Additives	I-FE200ES*
		1 - 225 kg/h Feeder	I-FE500E*
		4,5 - 450 kg/h Feeder	I-FE1000*
		45 - 1.100 kg/h Feeder	I-FE2500*
		115 - 2.700 kg/h Feeder	I-FE6000**
	Liquid	0,02 - 11 l/h Liquid Feeder	I-LQ25**
	Powder	0,45 - 70 kg/h Powder Feeder	I-PWD-150**
45 - 450 kg/h Powder Feeder		I-PWD-1000**	
Regrind/Flake	45 - 700 kg/h Regrind Feeder	I-FE1500RG**	
	45 - 1.150 kg/h Regrind Feeder	I-FE2500RG**	
	115 - 1.600 kg/h Regrind Feeder	I-FE3500RG**	
	225 - 2.250 kg/h Regrind Feeder	I-FE5000RG**	
Add-On or Upgrade		Add-on for Existing Blender Upgrade for New Blender	ADD UPG
Temperature		Standard Temp (<65°C) High Temp (<176°C)	ST HT
Insert Order Code Selections to Create Part Number:			_____ - _____ - _____

*These components are available as Add-Ons

**These components are available as Upgrades or Add-Ons

All Rates Are Estimates. Rates will Vary Based on Material Type.

FE40E	FE200E-HT	FE500E	FE1000-HT	FE2500	FE6000-HT
					
LQ	PWD-150	PWD-1000	FE1500RG	FE3500RG	
					



Advanced Blending Solutions

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SL BLENDERS

The SL Continuous Loss in Weight Blenders are a lightweight compact design with integral weighed downcomers. These units work well mounted directly to the throat of an extruder or on a mezzanine directly above the extruder throat. With the ability to integrate the Vacuum Sequence Manifold (SVM) into the frame, these units pack significant power and flexibility into a small form.

The SL Blender comes with a Windows Surface Pro-Tablet control system and docking station charger. Multiple units can be combined for a common point of interface, allowing the option for pump sharing, Smart Distribution integration, recipe function, multi-layer rate, or thickness control.

SL Gravimetric Blender: Ordering Information

Item	Description	Order Code
SL Blender	90 kg/h Blender	I-SL
	225 kg/h Blender	I-SLX
	450 kg/h Blender	I-SL1
No. Components	2 Components	2
	3 Components	3
	4 Components	4
	5 Components	5
	6 Components	6
	7 Components	7
	8 Components	8
	9 Components	9
	10 Components	10
Temperature	Standard Temp (<65°C)	ST
	High Temp (<176°C)	HT
Sequence Valve	Sequence Valve	SV
	No Sequence Valve	NONE
Controls Platform	Allen Bradley	AB
	Beckhoff	BH
Insert Order Code Selections to Create Part Number:		_____ - _____ - _____ - _____ - _____

SL Blender Feeders

Feeder Style:	SL Size:	SL	SLX	SL1	Order Code
0,2 - 18 kg/h Feeder		I-FE40E	I-FE40E	I-FE40E	
0,5 - 18 kg/h Feeder for Slip Additives		I-FE40ES	I-FE40ES	I-FE40ES	
0,2 - 90 kg/h Feeder		I-FE200E	I-FE200E	I-FE200E	
0,5 - 90 kg/h Feeder for Slip Additives		I-FE200ES	I-FE200ES	I-FE200ES	
1 - 225 kg/h Feeder		-	I-FE500E	I-FE500E	
4,5 - 450 kg/h Feeder		-	-	I-FE1000	
0,45 - 70 kg/h Powder Feeder		I-PWD-150	I-PWD-150	I-PWD-150	
45 - 450 kg/h Powder Feeder		I-PWD-1000	I-PWD-1000	I-PWD-1000	
0,02 - 11 l/h Liquid Feeder		I-LQ25	I-LQ25	I-LQ25	
Item	Description			Order Code	
Temperature	Standard Temp (<65°C) High Temp (<176°C)			ST HT	
Insert Order Code Selections to Create Part Number:		_____ - _____			

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