

Features

- Allows a single common material line to be used in applications with multiple vacuum pumps
- May pay for itself in installation cost savings alone
- Verifies that material connections match recipes
- Standard 38 mm - 129 mm connections available
- Custom towers available
- Optional color coordinating lights available making changeovers simple
- Fewer partial gaylords to handle at the end of each job

SMART: Sequential Material Allocation & Redistribution Tower reduces required piping and ensures that the right material is connected to the right destination. This revolutionary development is geared to complex multi-layer co-extrusion systems and centralized large-scale plant material handling systems. SMART allows a single common material line to be used in applications with multiple vacuum pumps. A traditional 10-silo system being serviced by 3 vacuum pumps would require 30 common material lines; with SMART, the requirement is 10 material lines. SMART will also verify that the material connections match the recipe, reducing the possibility of error. SMART senses which hose is connected to which port, adding intelligence to a convey system.

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.

888-204-5080 www.adv-blend.com



ORDERING INFORMATION

SMART Base Unit

Item	Description	Order Code
SMART Base Unit	Unit with Ports/Hoses up to 76 mm	I-SMRT
	Unit with Ports/Hoses up to 76 mm: Half Size	I-SMRTH
	Unit with Ports/Hoses up to 102 mm	I-SMRTL
	Unit with Ports/Hoses up to 102 mm: Half Size	I-SMRTLH
	Unit with Ports/Hoses up to 129 mm	I-SMRTLXL
No. of Ports	For XX, enter required number of ports <i>SMRT: max 16 connections</i> <i>SMRTH: max 8 connections</i> <i>SMRTL: max 12 connections</i> <i>SMRTLH: max 6 connections</i> <i>SMRTLXL: max 7 connections</i>	XX
Configuration	Side Entry Termination Side Entry Shared Rear Entry Single-Sided Bottom Entry Single-Sided Bottom Entry Double-Sided Top Entry Single-Sided Top Entry Double-Sided	SET SES RESS BESS BED TESS TED
Lights	No Lights Light Kit Double Lights	NL L DL
Insert Order Code Selections to Create Part Number: _____-_____-_____-_____		



SMART System: Port Expanders

Port Expanders allow one source material to be shared with two to four destinations. Verification is built in to maintain the intelligence of the SMART System. Port Expanders feature high quality aluminum construction.

SMART Port Expanders

Item	Description	Order Code
Port Expander	2 Port Expander	I-SSPE-2
	3 Port Expander	I-SSPE-3
	4-Port Expander	I-SSPE-4
Material Line Size	For XX enter Material Line OD	XX
Insert Order Code Selections to Create Part Number: _____-_____-_____		



SMART System: Hose Modules

An appropriately-sized hose is included in each hose module based on application, up to 5 meters. A SMART Hose Module also includes a camlock connection, optional knifegate, and mounting bracket.



SMART Hose Module

Item	Description	Order Code
Hose Module	SMART Hose Module	I-SMRTHM
Hose Diameter	38 mm	38
	50 mm	50
	63 mm	63
	76 mm	76
	89 mm	89
	102 mm	102
	129 mm	129
Knifegate	Yes	Y
	No	N
Knifegate Adapter Diameter	38 mm	38KG
	50 mm	50KG
	63 mm	63KG
	76 mm	76KG
	89 mm	89KG
	102 mm	102KG
	129 mm	129KG
Insert Order Code Selections to Create Part Number:		____-____-____-____

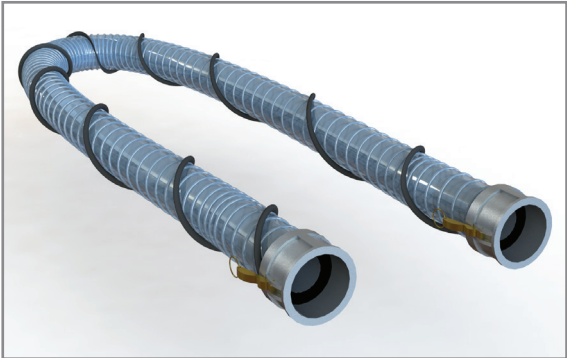
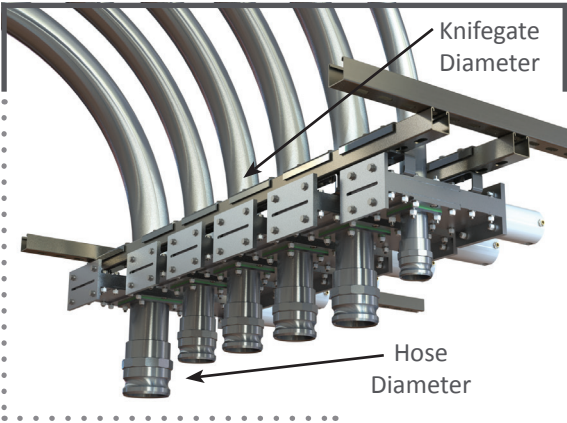
SMART System: Replacement Hoses

SMART Hoses can be added to existing systems or used as replacements. They include two camlocks, hose, and an electrical wire for indicating correct port connection. SMART Hoses feature premium hoses with 2 to 3 times the flexibility of PVC hoses, and static elimination built in at the molecular level. They are suitable for high-temperature PET applications.

SMART Hose

Item	Description	Order Code
Diameter	38 mm SMART Hose	I-SMRTHS-38
	50 mm SMART Hose	I-SMRTHS-50
	63 mm SMART Hose	I-SMRTHS-63
	76 mm SMART Hose	I-SMRTHS-76
	89 mm SMART Hose	I-SMRTHS-89
	102 mm SMART Hose	I-SMRTHS-102
	129 mm SMART Hose	I-SMRTHS-129
Length	2 meters	2
	3 meters	3
	4 meters	4
	5 meters	5
Insert Order Code Selections to Create Part Number:		____-____

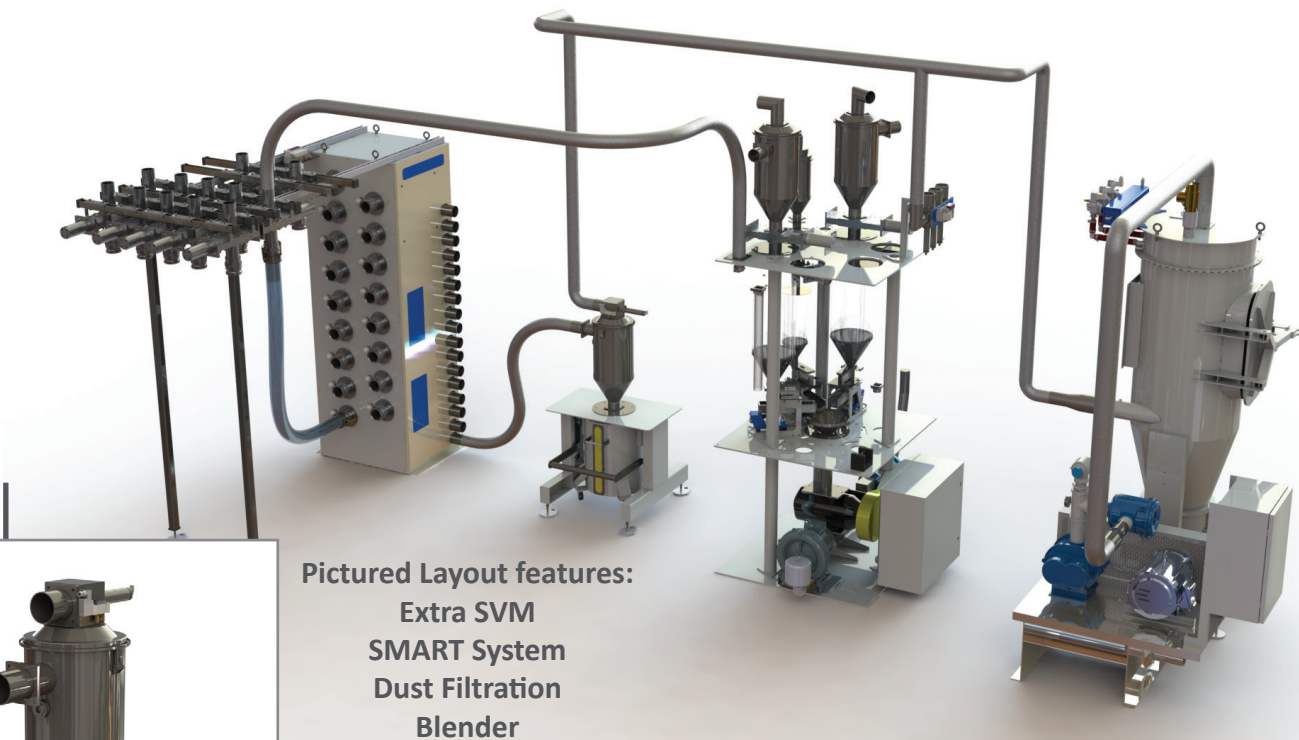
SMART Hose Module



CLEANOUT STATION

SMART Cleanout Station consists of a vacuum receiver, sequence valve manifold, stand, and collection bin. It can be used for cleaning out lines in any SMART applications, or other areas where resin clean-up is required. Bin Discharge Unit comes with 3 bin liners; additional liners can be purchased.

Item	Description		Order Code
Cleanout Station	Cleanout Station		I-COS
Volume/Diameter	15 L	254 mm	A
	55 L	406 mm	D
Discharge	Gaylord Box Bin		GLB BIN
Insert Order Code Selections to Create Part Number:		_____ - _____ - _____	



Pictured Layout features:
Extra SVM
SMART System
Dust Filtration
Blender

Cleanout Station Bin Liners

Item	Description	Order Code
Bin Liner	Pack of 10 Bin Liners for Cleanout Station	I-COS-BAG
Insert Order Code Selections to Create Part Number:		_____

February 2016/SMART(I)-1

