

# Super-Flex Interchangeable Resin Systems



*Innovative Solutions for Injection Molders*

# Super-Flex Interchangeable Resin Systems - Dryers, Loaders and Color Feeders that work together to meet your needs.

The Super-Flex Interchangeable Resin System is designed to meet your current needs and grow as your needs change in the future. You can choose from compressed air loaders, electric loaders, central loading systems, color feeders, blenders and dryers.

All of the components are stainless steel polished inside and out. The seals are dust free rated at over 100 PSI. They are suitable for even the most demanding medical applications.

The Easy Clamp system allows you to quickly change components, clean and adapt to different size fittings and custom flanges - you will never have to fight a hose again. All of the seals are machined with injection molded gaskets providing a dust proof no ledge seal.

We are certain that the quality of the Super-Flex line will provide decades of service which can be passed on to future generations.

## Super-Flex Features

Polished Stainless Steel inside and out

Dust Free connections, up to 150 PSI

3A Standard Sanitary Finish

Clean Room Ready

Easy Clamp System

No lips or ledges to catch material

PLC Controls

Clamps to attach hoses

Heavy Duty Construction

Limited 5 year warranty



**“Our goal was to create the highest quality resin systems available at an affordable cost”  
Donald Rainville - President and Founder  
Advanced Auxiliary Equipment inc.**

My Family has been in the plastics machinery business for four generations. We introduced at least six successful companies to the industry including Conair, Una-Dyn and Foremost.

In all that time we have never been as excited about a new product as we are about our new Super-Flex Interchangeable Resin System. It is so innovative that it will change the way plastic processors manage their daily resin requirements.



Dryers, Loaders, Feeders, and Blenders that work together to meet your changing needs

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## Compressed Air Loaders



### Series 6 Compressed Air Loaders

- Rates up to 1000 PPH
- Self-cleaning Internal Filter
- One or two materials
- Industrial PLC control
- Stainless steel material wand
- Heavy duty Sight Glass
- Easy Clean Design
- Internal magnet option
- Clamp on hose
- Compressed air filter/regulator
- Super-Flex mounting system
- Heavy duty vinyl flex hose



## Self-Contained Loaders



PLC CONTROL

### EL Series Self-Contained Loaders

- 2HP, 4HP and Brushless Motors
- Gore-Tex Bag Filter
- Jet Pulse filter cleaning
- PLC Controls with Pendant
- Special flanges
- Glass Tubes for JIT
- Clamp on Flex Hose
- 2 material control
- Solid state relay

## Series 3 Compressed Air Loaders

- Rates up to 300 PPH
- Oversized Filters
- Heavy Duty Sight Glass
- Easy Clean Design
- Stainless steel material wand
- Internal magnet option
- Clamp on hose
- Compressed air filter/regulator
- Super-Flex mounting system
- Heavy duty vinyl flex hose



4 and 6 inch Glass Tubes



Gore-Tex Bag Filter

# Central Loading systems



Hermetically Sealed Vacuum Receiver

Clamp on valves and flanges to match any application.



2 - 6 inch glass tube hoppers



Conic High Efficiency Pellet Screen



Self-Cleaning Material Ratio Valve



## Central Vacuum Pumps

- Regenerative Blowers
- Cyclonic dust separators
- Visible dust collector
- Vacuum Breaker valve
- Vacuum relief valve
- Liquid filled vacuum gauge
- Integral air valve options
- Easy Clamp assembly



Allen Bradley, Siemens and TECO PLC Controls

# Compressed Air Dryers



## CAD Series Dryers

- Energy Efficient Design
- Air expansion valve
- All Stainless Steel 3A finish
- Solid-state temperature control
- Compressed air safety switch
- Tubular heaters
- High temperature glass
- Circuit breaker
- Easy Clamp design
- Integral loading systems available
- Compressed air dryers available

## Drying with compressed air

Drying with compressed air is a reliable energy efficient solution for drying at lower rates when compared to twin-tower or wheel dryers. Our compressed air dryers take advantage of clean compressed provided by compressors that include refrigerant dryers. These compressors typically provide dew points of - 10 degrees Fahrenheit. We offer several options to decrease the the dew point of compressed air to as low as - 40 degrees Fahrenheit.

# Color Feeders



## Accurate Color Feeder

- Accurate PLC Control
- Adapts to cycle changes
- Quick Change Design
- Interchangeable Screws and Barrels
- Easy "True Feed" Calibration
- Color loading options
- Sight Glass options
- Low material alarm
- Stainless Steel Screw

Match Compressed Air, Self-Contained or Central Loaders to meet your needs. Super-Flex Components can easily be added to your existing system.



## Calibration is the key to accuracy

The key to accurate feeding of additive is to calibrate at the exact speed that the feeder will run in production.



The amount of additive actually delivered per revolution of the screw can vary up to 40 percent across the normal speed range of a feeder. Super-Flex feeders duplicate the exact cycle of the molding machine during calibration. The result is extremely accurate additive feeding. The Super -Flex Feeder is capable of accurately feeding small shots with less that three seconds of feed time and high letdown ratios. The Super-Flex Feeder is the only feeder that uses an industrial PLC as our standard control.



## Interchangeable Screws & Barrels

Super-Flex Feeders offer a wide range of screws and barrels to match your application. It is important that you select the correct screw and barrel to achieve the best accuracy. In general you want to use the smallest screw and barrel that can feed the additive needed.

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**WWW.DRYERS-LOADERS-BLENDERS.COM**



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