

## GRAVIMETRIC DOSERS



### CD Series™

**Batch type** gravimetric doser. Up to six individual components. High accuracy of +/- 0.1%. Exceptionally good mixing. Main component percentage range: 0% or 20-100%. Other component percentage range: 0-100%.  
 CD 100 – up to 100 kg/h.  
 CD 400 – up to 400 kg/h.  
 CD 800 – up to 800 kg/h.  
 CD 800 HD-200 – up to 1000 kg/h.  
 CD 800 HD-400 – up to 1200 kg/h.  
 CD 800 HD-600 – up to 1500 kg/h.  
 Can be installed on or off the machine's throat.



### Beltcolor™

**Loss in weight** gravimetric belt doser for colors and additives. For extrusion and injection molding. Wide dynamic feeding range under one setup. Exceptional linear feeding rate. Built-in Venturi loader. Suitable for granules and micro granules.

### Gravicolor™

**Loss in weight** gravimetric screw doser for colors and additives. For extrusion and injection molding. Built-in Venturi loader. Works in combination with the CD Dosing Systems.



### LW Series™

**Loss in weight** gravimetric dosing unit. Up to 8 components. The ultimate doser for dosing materials with different properties and for extruder starvation feeding. Easy to commit line control. Can be installed on or off the machine's throat.

### CD Plus™ Series

**Batch type** standard CD-400 and CD-800 systems with automatic self recycling screw. For extrusion inline machines and continuous edge trimming lines.

## A C C E S S O R I E S



*simply accurate*

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**Sysmetric** provides comprehensive solutions for raw material handling, gravimetric dosing and gravimetric screw control.



*simply accurate*



## STORAGE AND CONVEYANCE



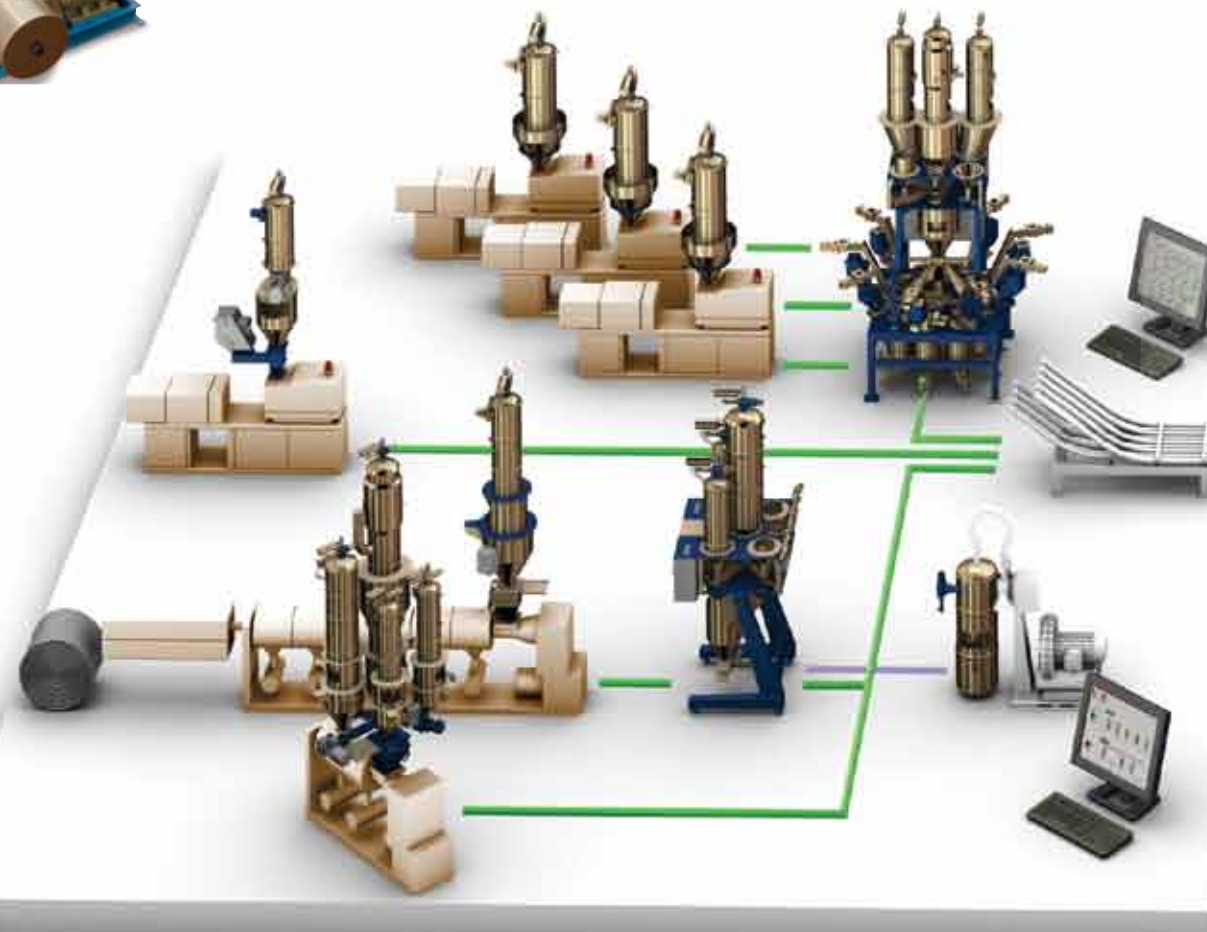
### Graviman™

Loss in weight unit.  
For precise extruder layer control  
in a multi-layer line and for  
extruder output supervision.  
Made of stainless steel.



### Silo Loading

A stainless steel mobile loading  
station with rotary valve.  
Wide range of loading pumps  
and blowers.  
Accurate material level option.



### Hopper Loaders

Part of central vacuum system.  
Stainless steel hoppers from 2 to 60 liters.  
Automatic "blow back" for self cleaning.

### Manifold Change-Over

Easy and flexible  
connection between any  
material source and any  
machine.

**Optional**  
IDMan software.  
Centralina.



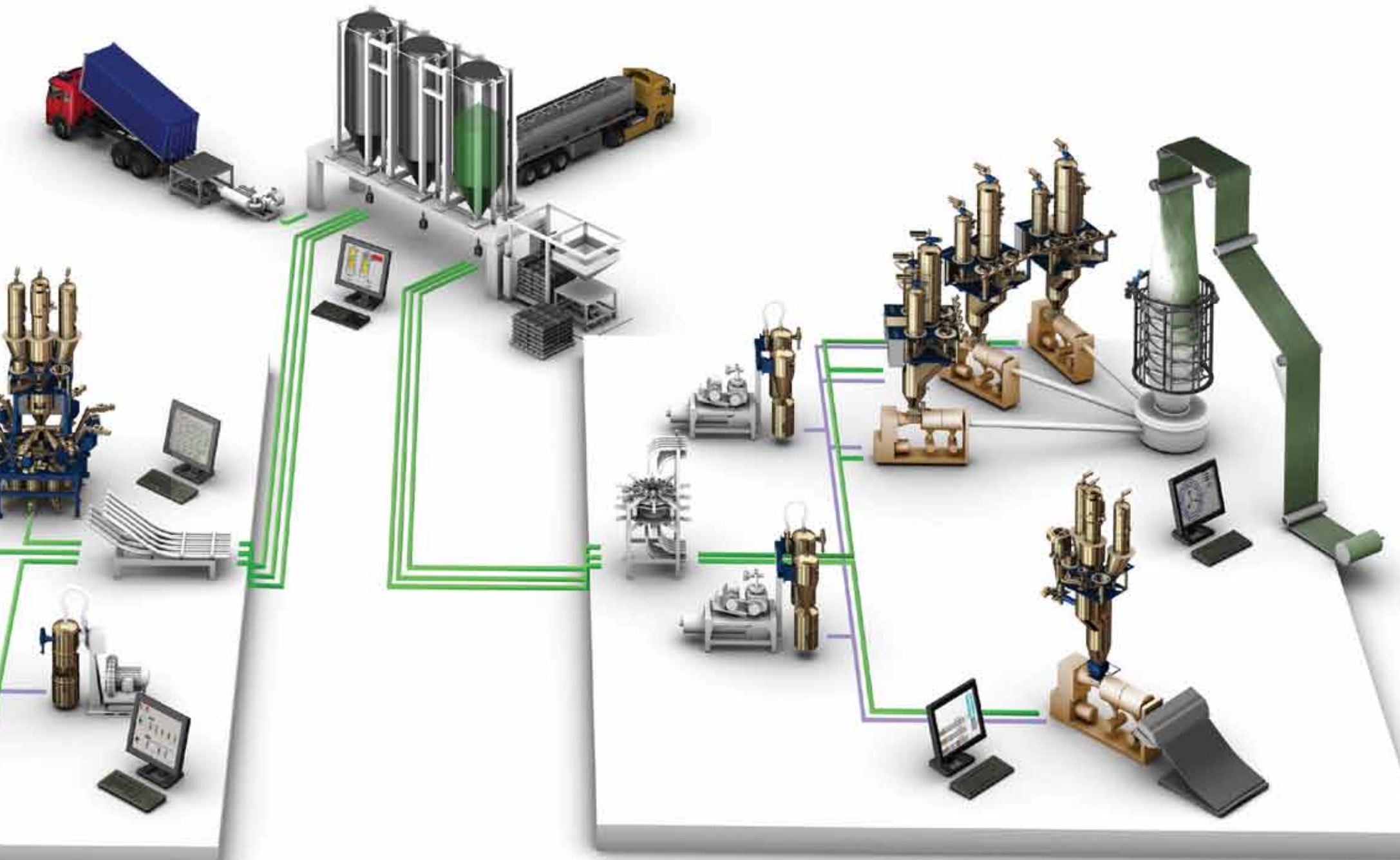
### Central Vacuum Units

A variety of pumps for  
different needs and applications.  
Positive displacement  
rotary blowers.  
Regenerative side channel  
blowers.  
Self cleaning filter.  
Protection static filter.  
Optional protection cyclone.



### Vacuum-Backup

"Hot backup" technology  
enables energy saving and  
automatic recovery from  
pump failure.



## "VISION" SCADA SOFTWARE

Sysmetric's "Vision" software is an essential  
management tool.

All systems can be operated and monitored by the  
advanced SCADA Vision software modules that  
provide factory management with invaluable real  
time information on raw material dosing, material  
consumption and production rates. The software  
provides data acquisition and extensive report  
generating:

**SiloMan™** Silo monitoring and management  
software.

**VacMon™** Supervising and control of the central  
vacuum system and all of its components.

**IDMan™** Identification monitoring software for  
manifold change-over.

**MinuMan™** Supervising and data acquisition for  
extrusion dosing units and extruder screw control.

**InjMan™** Supervising and data acquisition for  
injection dosing and production.

The Sysmetric "Vision" software can integrate with  
the factory ERP and can be utilized from several  
plant computers without additional cost.

