

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.



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.



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.

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.



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.

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.



InjMix

The perfect, economic dosing and mixing
system for small injection molding machines.
Stainless steel hopper loader with proportional
valve for virgin and "self regrind".
One or more gravimetric feeders for M/B
or additives.
Integrated cascade mixer for homogeneous
materials mix.



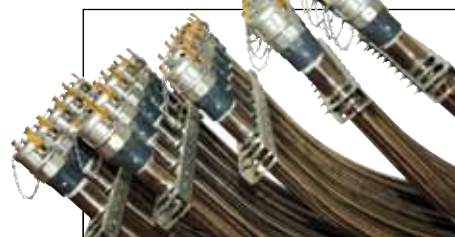
Hopper Loaders

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.



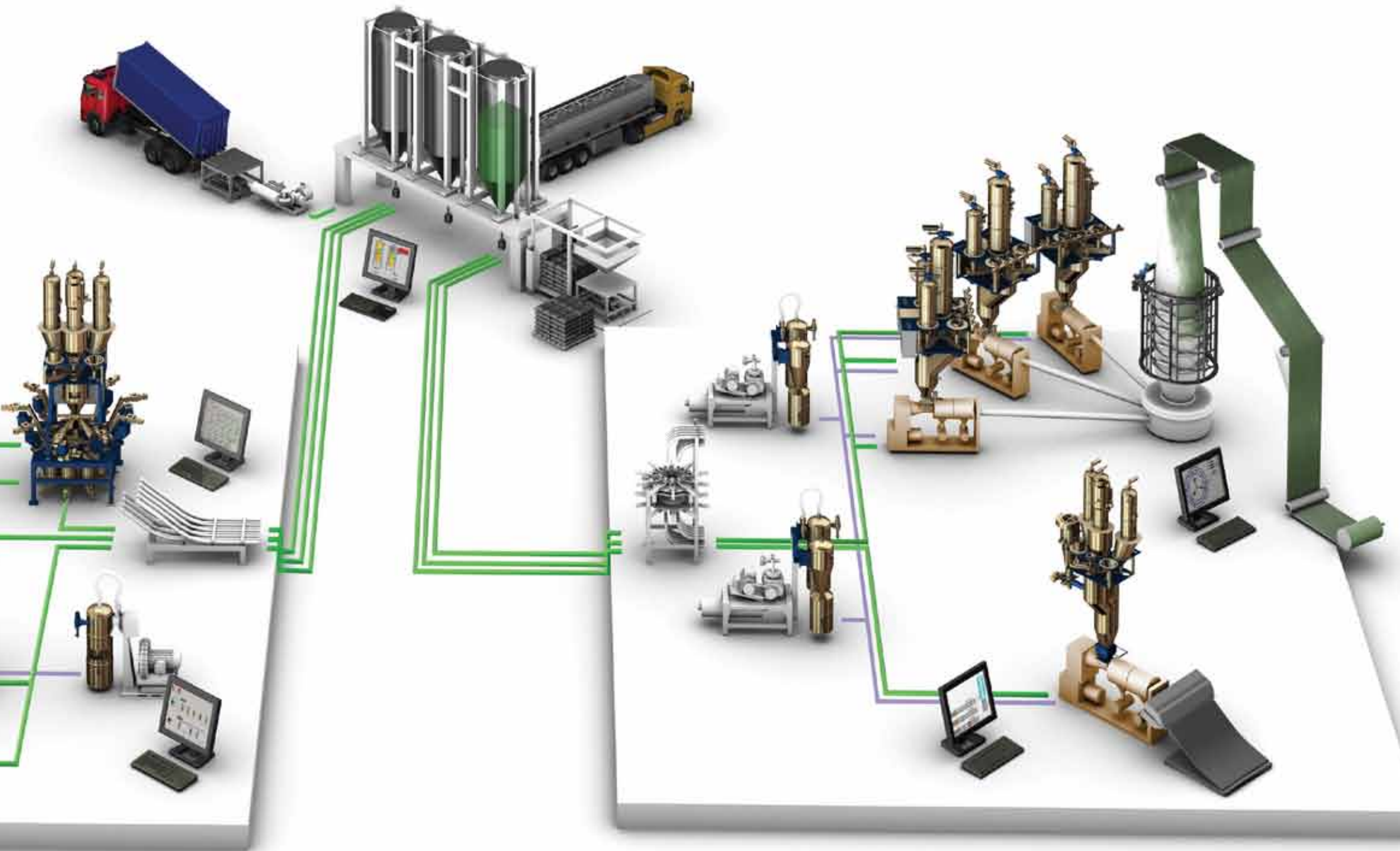
Central Vacuum Units

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.

