AMS - Automatic Material Selector
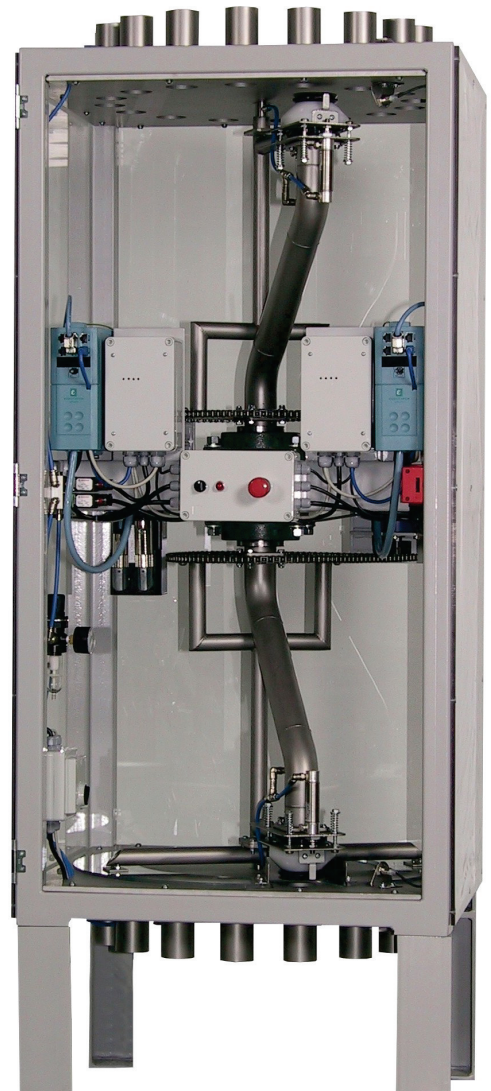
Weighbatch
Material Handling & Gravimetric Control

Fully Automatic Connection of up to 32 Raw Material Lines to 48 Hopper Loaders !

Eliminate the Labour and Risk of Manually changing Resin Probes and Material Lines
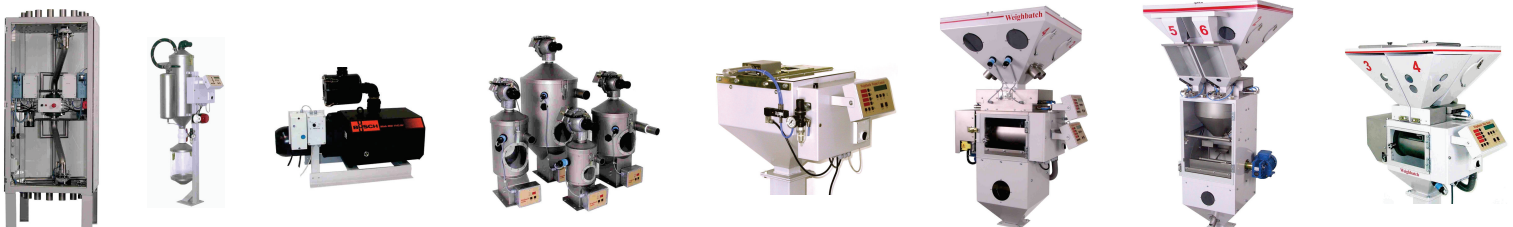
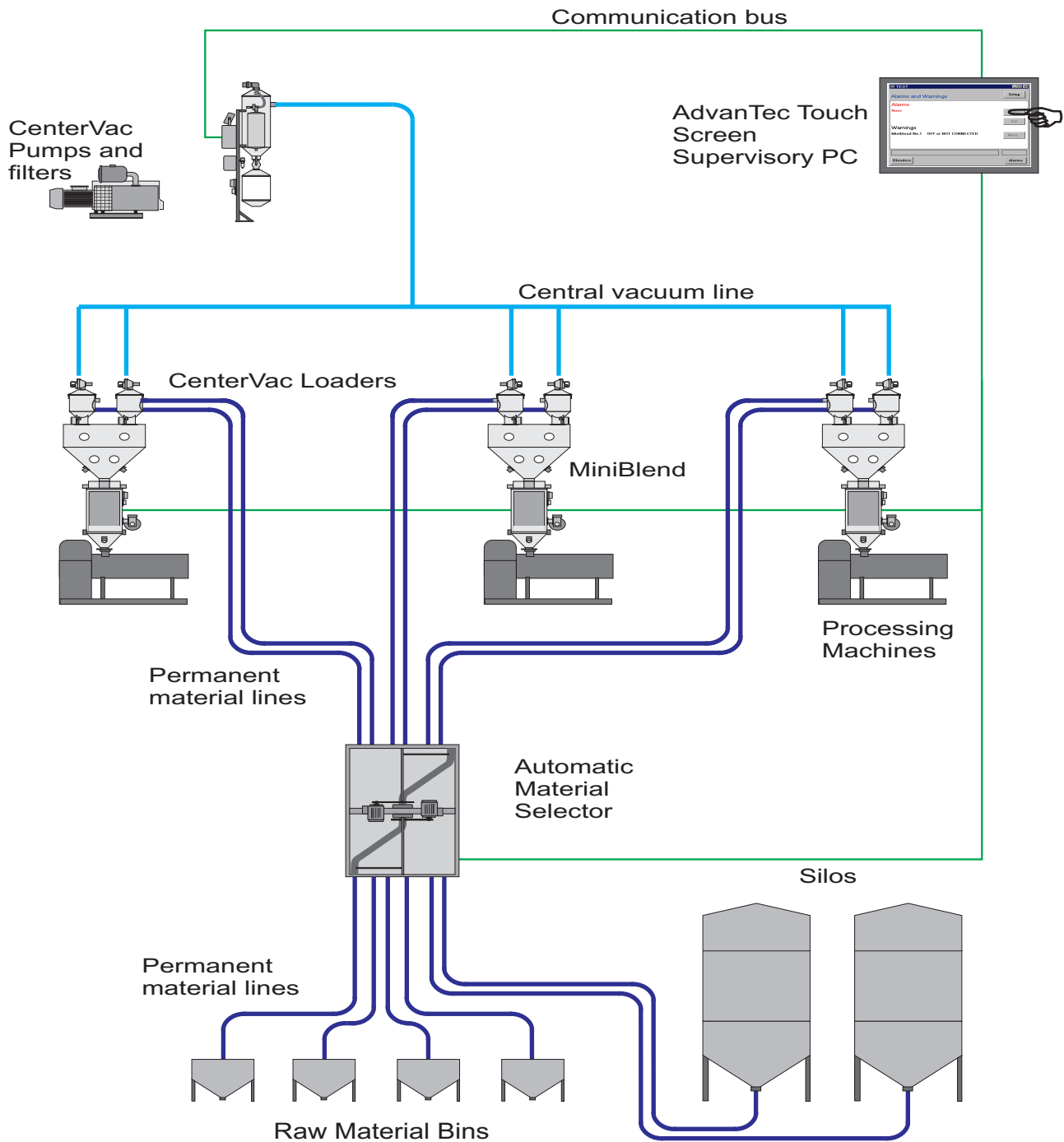## Error Free !

AMS 16 x 16

Features:

- Automatically connects the correct raw material feed line to the correct hopper loader in the production plant without the need for manual intervention

- Eliminates the need for suction probes and raw material bags or bins to be in the production plant reducing wastage, hazards, and usage of incorrect material

- Provides a closed containment of all material from the silo or material bin, through to the loader reducing the risk of contamination, the common material lines in the AMS are air purged between cycles

- Connected directly to silos or material bins remote from the production plant

- Integrated with CenterVac and/or AdvanTec central control system

Typical CenterVac Central Loading Layout with Automatic Material Selector

Communication bus

CenterVac Pumps and filters

AdvanTec Touch Screen Supervisory PC

Central vacuum line

CenterVac Loaders

MiniBlend

Processing Machines

Permanent material lines

Automatic Material Selector

Silos

Permanent material lines

Raw Material Bins

Specifications:

- Models for 8 in x 12 out, 16 in x 16 out, 16 in x 24 out 32 in x 32 out, 32 in x 48 out

- Dynamic and static parts in contact with material are stainless steel

- Automatic position verification every vacuum cycle

- Power supply 1 Ph 230V 50 Hz

- Pneumatic air supply 6 bar, regulator supplied

Options/Accessories:

- Floor or wall mounting

- Pipe/tube couplings for material line connections

- Material bins with vacuum take off points

- Remote mounted operator controls/display.

- Stand alone or fully integrated with Advantec central control system