

Central vacuum systems are used for the automatic transportation of granulated plastic resins to processing machines. One or several kinds of resins that may be stored in outside or in house silos, octabins, big bags, drying hoppers etc. can be supplied automatically. A proven modular system of the necessary components allows an improvement of the material flow for any kind of plastic production and can be customized to the special needs a certain process may request.

A step by step expansion of a LANCO suction system is possible as well as combination with automatic color feeders, blenders and pre drying systems.

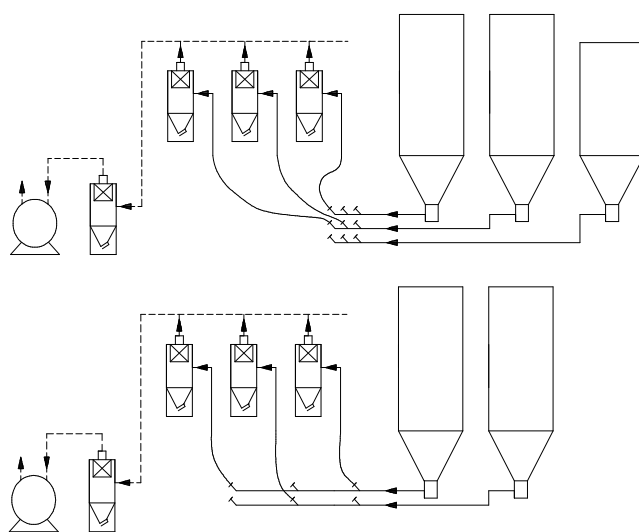
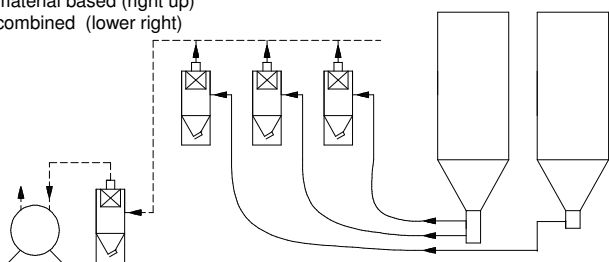
A central LANCO conveying system can always keep up with the functional needs that may vary by time and process developments and improvements.

The LANCO high tech concept for central systems is based on decades of experience of our engineers in plastic processing plants around the globe.

Economical use of energy, respecting the environment protection and safety at work are key points for LANCO suction systems. Best quality of the components and first class technical service guarantee trouble free production for many years

feed pipe systems:

- machine based (left)
- material based (right up)
- combined (lower right)



Components of LANCO suction systems:

Loaders made from electro polished stainless steel with one or two material inlets, vacuum valve with implosion function for dust free operation, electronic control devices 24VDC with display and individual settings for conveying times and filter cleaning. Mixing mode and clean out valves as options.

Side channel blowers or positive displacement pumps as **Vacuum generators**.

Self cleaning safety filters to protect vacuum pumps and environment from dust and pollutions.

Common vacuum pipe between loaders, central dust filters and vacuum generators.

Product feed pipes in stainless steel, alu-alloys, glass or plastic between pick up points and loaders.

Central PLC controls with first in first out routines for demand signals of loaders, survey of the vacuum pumps run time and alarms in case of malfunction, lack of materials etc. Software copyright by LANCO.

Coupling stations to select the kinds of resins on their way to the different machine loaders.

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