

OME OXIDE POLYETHYLENE MAGNESIUM CARBONATE AMORPHOUS SILICA CITRIC ACID GELATIN IRON OXIDE GLU
N POWDERED MILK FERTILIZER CO BALT OXIDE ANIMAL FLOUR ANTIMONY OXIDE CHOCOLATE NUTS METALLIC DI
MAL FEED COCOA BEANS MAGNESIUM STRONTIUM CARBONATE CONCRETE GRAPHITE GLASS SPICES BARIUM CALC
PHATE NYLON NIKEL CARBONATE SUGAR RICE TONER PEANUTS MAGNESITE OXIDE SUPERFINE FLOUR QUARTZ PA
MALDEHYDE TALC SILICA ASHES BARYTA PENTAERTHYRITOL UREA VITAMIN SILICON CARDIBE CARROTS BAUXITE
ULITE WOOD CHIPS CORN FLAKES PET FOOD BENTONITE CAUSTIC SODA BORIC ACID ZEOLITE SOAP BRASS CELLUL
AMIC SPRAY DRIED CLAY CARBONATE AMORPHOUS AMMONIUM SULPHATE FLUORITE BLACK BLISTER COPPER RESIN
YCARBONATE DEXTROSE KYANITE GYPSUM ISOPHTHALIC POLYPROPYLENE ALUMINA AMMONIUM PHOSPATE SOI
PHATE POWDERED MELAMINA ALUMINIUM OXIDE CHROME OXIDE POLYETHYLENE MAGNESIUM CARBONATE AMORP
CELATIN IRON OXIDE GLUTEN CORN POWDERED MILK FERTILIZER COBALT OXIDE ANIMAL FLOUR A
ANIMAL FEED COCOA BEANS MAGNESIUM STRONTIUM CARBONATE CC

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NOL-TEC EUROPE

▶ **pneumatic conveying**
▶ **mixing**
▶ **batching**
▶ **control**
▶ **testing**



Industrial fields-areas

FOOD



POWER & ENERGY



FOUNDRY - STEEL



REFINERY



ENVIRONMENTAL



RUBBER - TIRE



ANIMAL FEED



MINERAL - CERAMIC



PHARMA - CHEMICAL



PLASTIC



**BUILDING PRODUCTS
PREMIX**



GLASS - FIBERGLASS



Research center

RESEARCH AND INNOVATION

Nol-Tec has a new Research Center where several technologies can be tested, such as:

- low pressure dense phase pneumatic conveying
- vacuum dense and dilute phase
- pneumatic blending

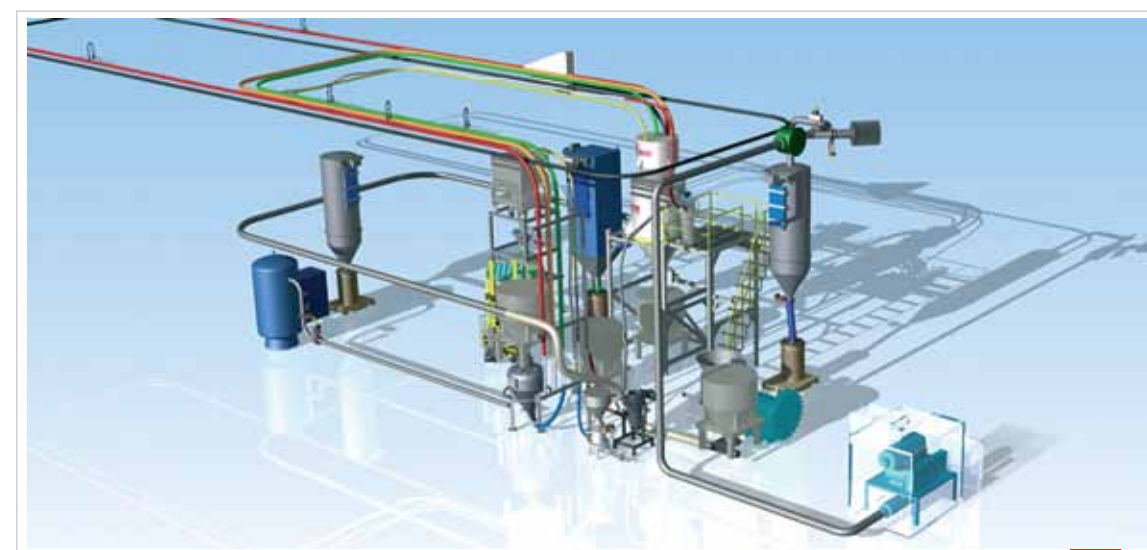
The Research Center is also equipped with:

- unload and dosing of mobile container
- bulk bag unload

Nol-Tec performs tests of:

- transportability
- degradation
- capacity
- segregation

of each product, as to have no problem during the plant start-up. The customer can really check how the product acts according to the different pneumatic conveying configurations. Moreover, the test, performed by skilled technicians, gives relevant indications to how each system should be designed and operated.



International
group for a
global
service

**NOL-TEC
EUROPE**





Nol-Tec Europe

TEAM



REPUTATION, INNOVATION AND A GLOBAL SERVICE

The Nol-Tec Group of companies is present on three continents and through the years has built a well-known reputation for handling success. Nol-Tec is an international firm providing pneumatic conveying systems for granular and friable products. In addition to pneumatic conveying and blending, Nol-Tec has gained proficiency in mechanical conveying, weighing, dosing and system automation. Nol-Tec continues to grow and expand and develop technologies in different fields. Nol-Tec has provided systems to facilities worldwide – from basic conveying and automation systems and components to complex turn-key projects.

TEAMWORK IS THE KEY TO SUCCESS

Nol-Tec is a solid and successful team – both at work and play. Always working to solve problems and create new solutions for our customers - today and tomorrow. Skilled and knowledgeable technicians, with over 40 years of professional experience, work to train new recruits – assuring Nol-Tec's future success and prosperity.

Technologies & products

DENSE PHASE CONVEYING SYSTEM

The Dense Phase Conveying moves the product at a relatively slow speed, reducing the risks of product degradation and the abrasion of pipe-lines, bends and diverters. Dense Phase Pressure Conveying reduces air consumption and product degradation, determining an efficient ratio between the material conveyed and the needed air (product kg and air kg).

DILUTE PHASE CONVEYING SYSTEM

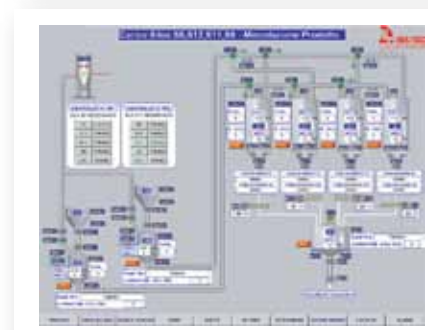
The Dilute Phase Conveying, also known as "low pressure" Conveying, is characterized by a low efficient ratio, usually lower than 5 Kg of product per Kg of air.

DRY SORBENT INJECTION SORB-N-JECT™

SORB-N-JECT™ Technology is a new generation process for reduction of polluting emissions, such as SO₂ – HCl – CO₂ – Hg through the use of dry sorbents. Sorb-N-Ject™ users are coal-fired and waste burning plants, glassworks, kilns and cement factories.

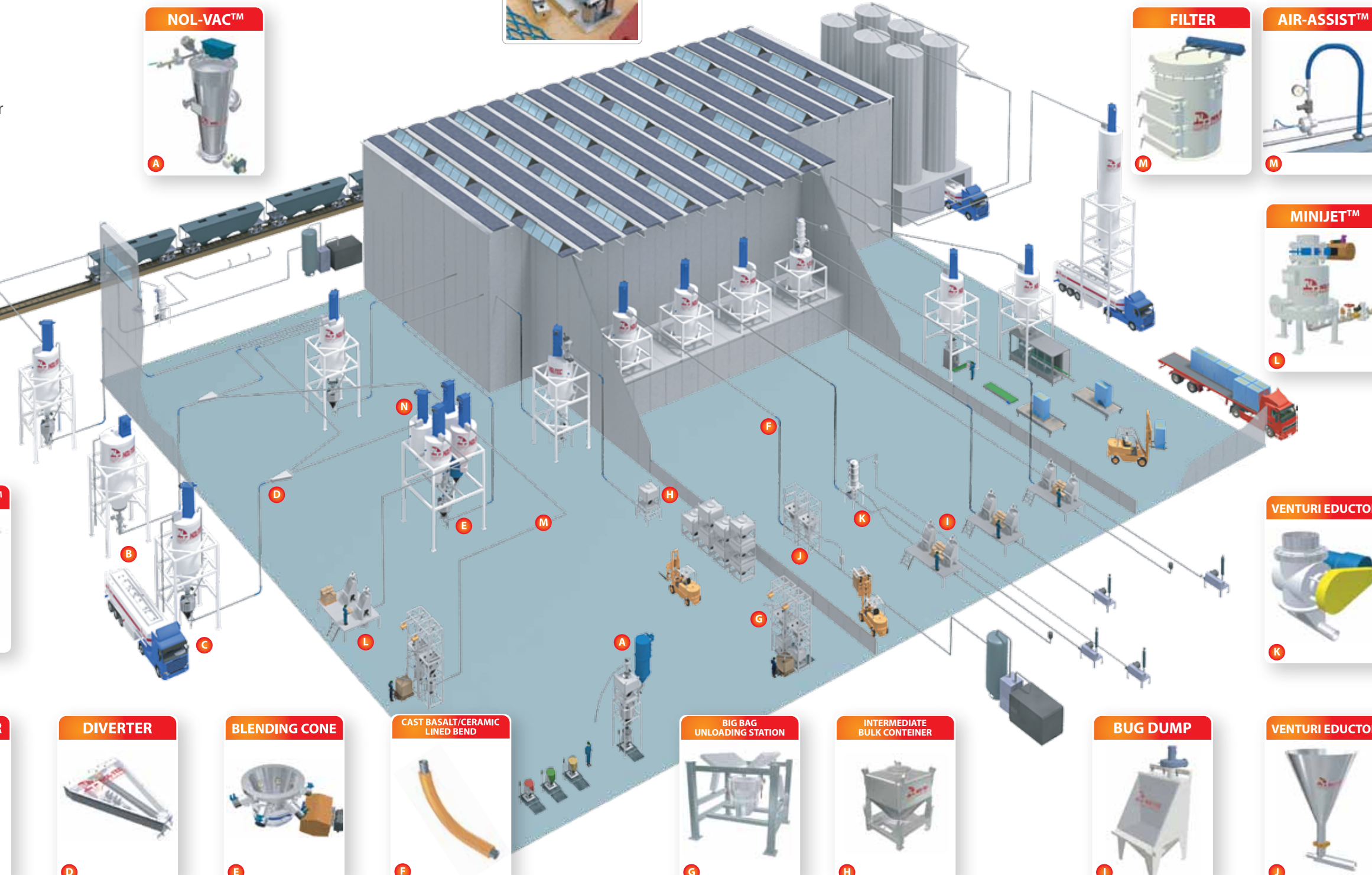
AUTOMATION, SERVICE AND CONTROL

Nol-Tec Automation and Service is a new division created by Nol-Tec Europe's experienced people. MES, SCADA, HMI with PLC systems, digital data transmission on Siemens, Allen Bradley, Modicon, Telemecanique platform, etc., are all internally realized. Assembling supervision, start-up and planned assistance are assured by a team consisting of skilled technicians, ready to intervene with prompt and professional service, all over the world.



- TRANSPORTER
- AIR ASSIST™/AIR MIZER™
- "SLOW FLOW" WITH ROTARY AIRLOCK
- VACUUM

- PRESSURE
- VACUUM



PNEUMATIC BLENDING

Is performed by an innovative pneumatic blender with no mechanical parts inside the machine: suitable for high abrasive and fragile products (available in ATEX, DAIRY, GMP versions). A large amount of product can be blended, more fuel efficient than mechanical blending, versatility and easy cleaning, makes the application of pneumatic blending in different fields possible. The integration of the blender under a transporter generates the "Blender Transporter" technology where it is possible to mix in Dense Phase inside the transporter and then convey the product. Noteworthy is the pneumatic blender application for up to 300 m³ silos or as high efficiency fluidize system.



DOSING AND WEIGHING

Electronic weighing systems incorporating 100 Kg to 200 T range load cells are realized for application, on silos and hoppers, with integrated supports in order to resist to anti-tip forces and side loads. Nol-Tec has skilled technicians able to identify and propose the best control system through analogic/digital or scale conversion tools installed on PLC base.

- STATIC WEIGHING
- DINAMIC WEIGHING
- FORMULATION

