

Powder Handling & Pneumatic Conveying Systems

Company Profile

NOL-TEC is a service-oriented company whose primary objective is to provide our customers with quality systems at a competitive price.

Since its inception in 1983, **NOL-TEC** has become known as one of industries most trusted and respected suppliers of **Pneumatic Conveying and Integrated Control Systems**. This reputation was not earned overnight. It is the culmination of decades of providing customers with unparalleled service, quality products, and custom-engineered systems that stand the test of time.

As a single source supplier, we can provide any or all of the following:

CONCEPTS: We review process control requirements and develop practical materials handling and control concepts.

ENGINEERING: We produce and review all required drawings to install and maintain the system.

SOFTWARE: We generate complete, well-documented software packages for programmable controllers and computers.

FABRICATION: We provide all component fabrication for the material conveying system.

CONTROL PANELS: We fabricate, assemble, wire, and conduct functional testing as required.

START-UP/SERVICE: We offer telephone, modem, and on-site services by technically qualified engineering personnel.

NOL-TEC has worked with numerous clients ranging from small foundries to multinational food manufacturers. Companies that come to us for conveying or automation solutions become long-term partners as we work together to achieve their goals of becoming more efficient, more competitive, and more productive.

A true measure of our success can be seen in that a large percentage of our installations are to repeat customers and companies that heard about **NOL-TEC** from others. We take considerable pride in this reputation and go to great lengths to maintain it.

APPLICATION CAPABILITIES

From basic single station delivery to complete plant design, **NOL-TEC** treats each application uniquely. We provide a full range of services from product testing, to development of design concepts, to on-site installation and in-field service. Our broad application experience includes:

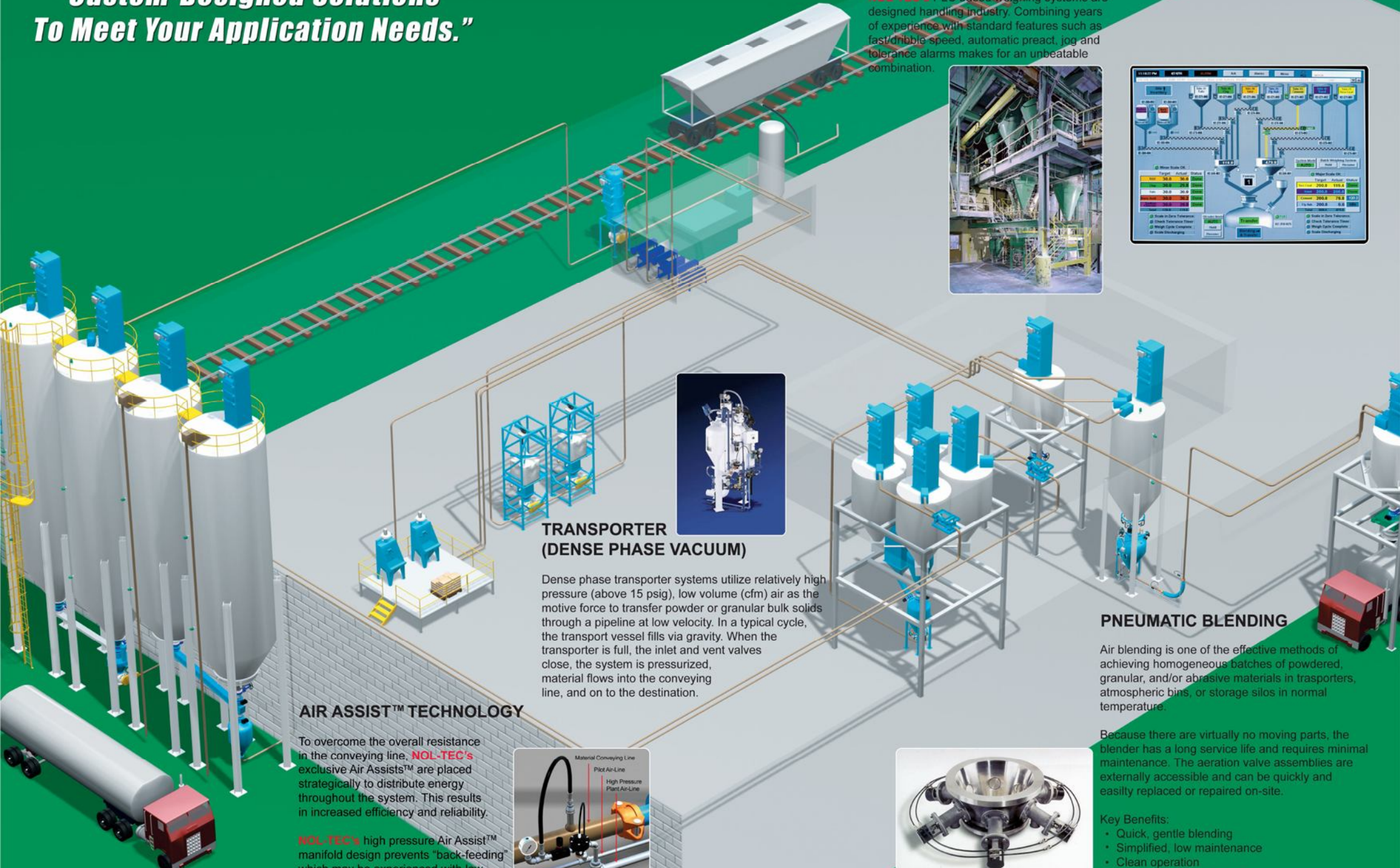
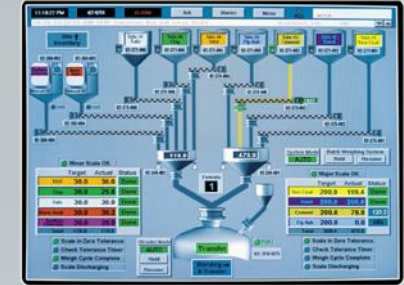
- DENSE PHASE PNEUMATIC CONVEYING
- DENSE PHASE VACUUM SYSTEMS
- DILUTE PHASE CONVEYING (PRESSURE & VACUUM)
- RAILCAR & TRUCK UNLOADING
- PNEUMATIC BLENDING
- WEIGHING & BATCHING
- DUST COLLECTION
- BULK STORAGE
- ENGINEERING
- PROCESS CONTROLS
- INSTALLATION SUPERVISION
- SERVICE & START-UP
- TESTING



**“Custom-Designed Solutions
To Meet Your Application Needs.”**

BATCHING AND WEIGHING TECHNOLOGY

NOL-TEC's PLC based weighing systems are designed handling industry. Combining years of experience with standard features such as fast/dribble speed, automatic preact, jog and tolerance alarms makes for an unbeatable combination.



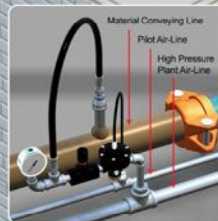
**TRANSPORTER
(DENSE PHASE VACUUM)**

Dense phase transporter systems utilize relatively high pressure (above 15 psig), low volume (cfm) air as the motive force to transfer powder or granular bulk solids through a pipeline at low velocity. In a typical cycle, the transport vessel fills via gravity. When the transporter is full, the inlet and vent valves close, the system is pressurized, material flows into the conveying line, and on to the destination.

AIR ASSIST™ TECHNOLOGY

To overcome the overall resistance in the conveying line, NOL-TEC's exclusive Air Assists™ are placed strategically to distribute energy throughout the system. This results in increased efficiency and reliability.

NOL-TEC's high pressure Air Assist™ manifold design prevents "back-feeding" which may be experienced with low pressure manifold systems.



PNEUMATIC BLENDING

Air blending is one of the effective methods of achieving homogeneous batches of powdered, granular, and/or abrasive materials in transporters, atmospheric bins, or storage silos in normal temperature.

Because there are virtually no moving parts, the blender has a long service life and requires minimal maintenance. The aeration valve assemblies are externally accessible and can be quickly and easily replaced or repaired on-site.



Key Benefits:

- Quick, gentle blending
- Simplified, low maintenance
- Clean operation
- Customized blend cycles



Manual Hose Switch for Silo Loading



Batching System for Food Industries



Batching System for Fiberglass Industries



3 Way Diverter Switch for Animal Feed Factory



Piping Layout, Animal Feed Factory



Batching System for Plastic Industries



Weighing System for Chemical Industries



Dense Phase Transporter for Building Material



Dense Phase Transporter for Cement Pre-mix 2



Ploughshare Mixer for Cement Pre-mix



200cuft Dense Phase Transporter for Minerals



Manual Dump Station, Food Industries



Glass Batch System



Dense Phase Transporter for Foundry



Dense Phase Transporter for Foundry 2



Roots Blower Installation



Mission

NOL-TEC is a service-oriented company whose primary objective is to provide our customers with quality systems at a competitive price.

For information or sales assistances, please contact us at:



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