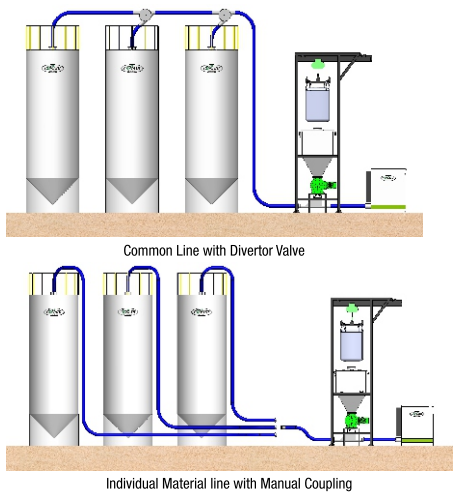


# Pressure Conveying System



The Nu Vu Conair Pressure Conveying System is designed for the efficient transfer of large quantities of plastic granules through a closed pipeline network using positive air pressure. The system is capable of conveying several tons of material within a short period, ensuring fast, reliable, and dust-free material handling.

**Benefits:**  
The enclosed conveying arrangement minimizes material loss, prevents contamination, and maintains a clean working environment. With its robust design and flexible layout options, the Nu Vu Conair Pressure Conveying System is an ideal solution for centralized material handling in plastic processing plants.

## Unique Features

- Material Transfer flexibility to Single or Multiple Silos
- Easy Integration with Surge Bins, Jumbo Bag Unloaders & De-Bagging Stations
- Acoustic Hood for Low Noise Operation
- Compatible with Silo Weighing System & CCS connectivity
- SS304 Rotary Air Lock Valve with VFD Control
- PLC-Based Automatic Control with 7" Touch Screen HMI
- Modular Design for Future Expansion

## Optional Features

- Water-to-Air Heat Exchanger reduces conveying air temperature for heat sensitive polymer
- Communication Protocol Compatibility for seamless integration with plant automation and control systems
- Variable Frequency Drive (VFD) for pressure pumps to optimize energy consumption
- Flexible Feeding Options with Material Bins, Jumbo Bag Unloading Stations, and Automatic De-bagging
- Vent Filter System for clean air out from Silo
- Remote Monitoring & SCADA Integration
- Industry 4.0 Ready Communication

Designed for conveying distances of 100 meters and beyond, with customized solutions to meet project-specific requirements

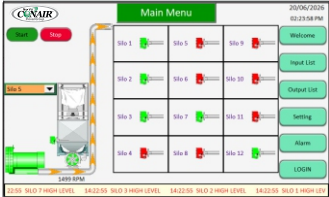
## Capacity

3 Tons/hr. | 5 Tons/hr. | 10 Tons/hr. | 15 Tons/hr. and above

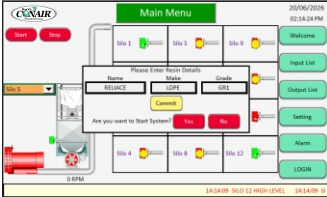
## Intelligent Central Control



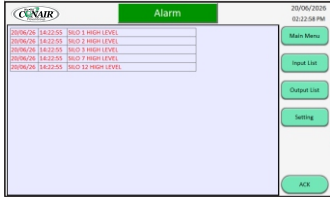
Central Control



Home Screen



HMI Screen - 2

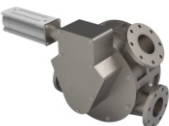


HMI Screen - 3

## Accessories

### Divertor Valve

- Automated Material diversio
- Reduce Piping Cost.
- No, Manual Operation
- 100% Close loop operation



### Pressure Relief Valve

- Excessive pressure safety
- Prevents structural damage
- Auto opens at preset value
- No Maintenance design



### Quick Release Pipe Couplers

- Easy & Flexible Changeover
- Economic Solution
- Line selection Interlocks (optional)
- Real Time live line display (optional)



### Material Conveying Pipe

- SS-304 Material
- Sturdy & Reliable
- Maintain Material Velocity
- Low Material Friction



### PLC Controller Key Features

- PLC Automation
- Touchscreen HMI
- Smart Monitoring
- Remote Diagnostics (Optional)
- Alarm Management
- VFD Control
- Loadcell integration
- Realtime weight display
- Silo Selection
- Data Logging with SCADA
- System Interlocks
- Energy Optimization
- Fault Diagnostics
- Trend Analysis
- User Access Control
- SCADA Integration
- Ethernet Connectivity
- Predictive Maintenance
- Real-Time Reporting

## LEADING MANUFACTURER OF PLASTIC AUXILIARY EQUIPMENT

Material Storage | Conveying | Drying | Blending | Heat Transfer | Size Reduction



(An ISO 9001:2015 Certified Organization)

### Nu-Vu Conair Pvt. Ltd.

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