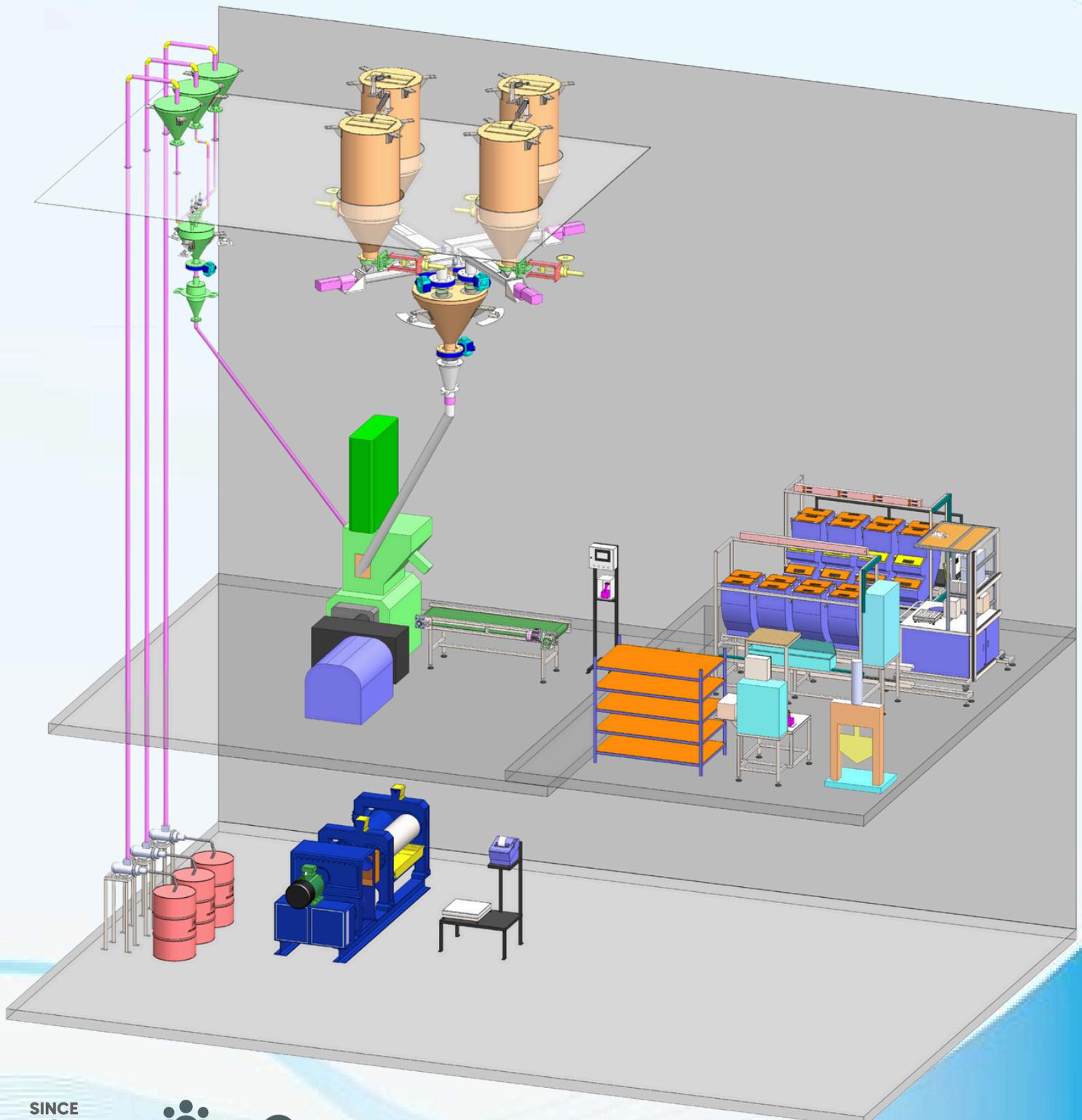




One Stop Solution For

RUBBER MIXING AUTOMATION



SINCE
2
DECADES

150+
EMPLOYEES

PAN
India

www.infinityautomations.com

CHEMICAL BATCH WEIGHING

- Up to 10mg accuracy for small chemicals.
- FIFO (First in First Out) with J-type SS-304 Dual Bin structure.
- Powered by ProdNX platform.
- Barcode based closed-loop filling mode
- Multiple formulas / recipes with SQL record database
- Multiple levels of security, password protection
- The bin storage capacity is designed to suit the raw material bag size



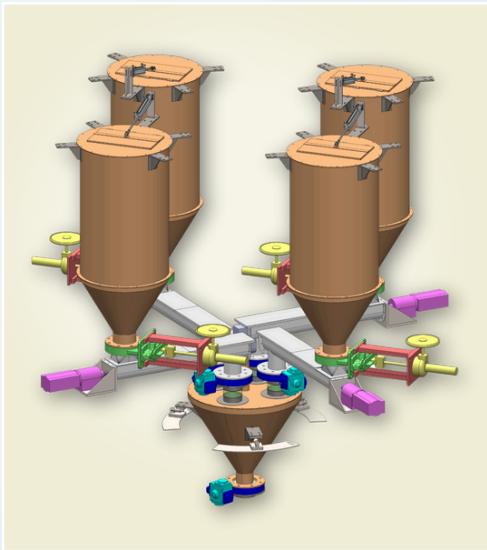
POLYMER WEIGHING



- Accuracy up to 50 gm
- Take off conveyor, Checkweigher conveyor and Feeding conveyor as per the desired dimensions.
- Feeding conveyor compatible to be used along with checkweigher conveyor system as well standalone weighing system.
- Centralized control & reporting with scheduling
- Storage rack with magnetic locked in/out doors

KNEADER/INTERMIX AUTOMATION

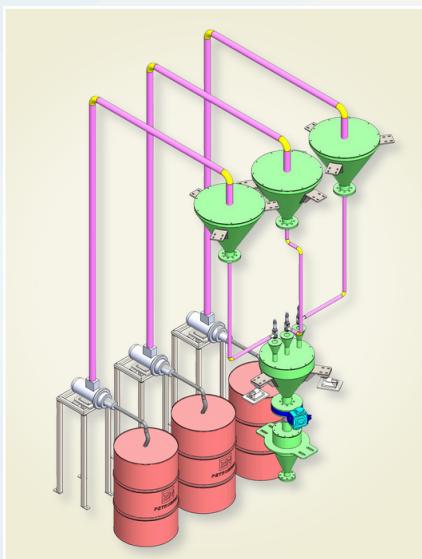
- Recipe based formulation
- Multiple mixing stages to ensure proper mixing as per recipe
- RPM control with Chamber temperature control & analysis
- Batch Scheduling can be done centrally
- Mixing sequence control for mixer
- Provides automatic weighing and dispensing of Oil, Rubber and carbon
- Mixing time, temperature, RPM, and energy can be used to control the mixing cycle
- Capable of handling multiple oils, carbon, fillers, polymers, master batches, and more.



CARBON WEIGHING

- Variables speed Screw based Precise Carbon/ fillers conveying
- Accuracy up to 10 gm
- Centralized control & reporting with scheduling
- System compatible to be used with 50Kg bags as well with jumbo bag
- Auto charging and sequencing for faster processing
- Customized Design to ensure the batch time and productivity within the capacity.

OIL WEIGHING



- Auto dosing & sequencing for faster processing
- Accuracy up to $\pm 10\text{mg}$
- Centralized control & reporting with scheduling
- Heating provision for highly viscous oils.
- Supports multi-oil injection with minimal cross-contamination

STORE MANAGEMENT SYSTEM



- **Smart Inventory Control:** Real-time tracking of raw materials and finished goods.
- **FIFO with Barcode:** Automated scanning & stock updates for efficient operations.
- **Automated Reordering:** Stock alerts & auto-replenishment when levels fall below thresholds.
- **ERP / SAP Connectivity:** Fully compatible with centralized data management systems.



PRODNX IT PLATFORM

All our systems are controlled and monitored through ProdNx, a powerful IT platform designed for data recording, real-time reporting, and advanced plant management.

ProdNx Modules Include:

- **ProdNx Store Management System**
- **ProdNx Recipe Management System**
- **ProdNx Small Chemical Management System**



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OUR PRESENCE

