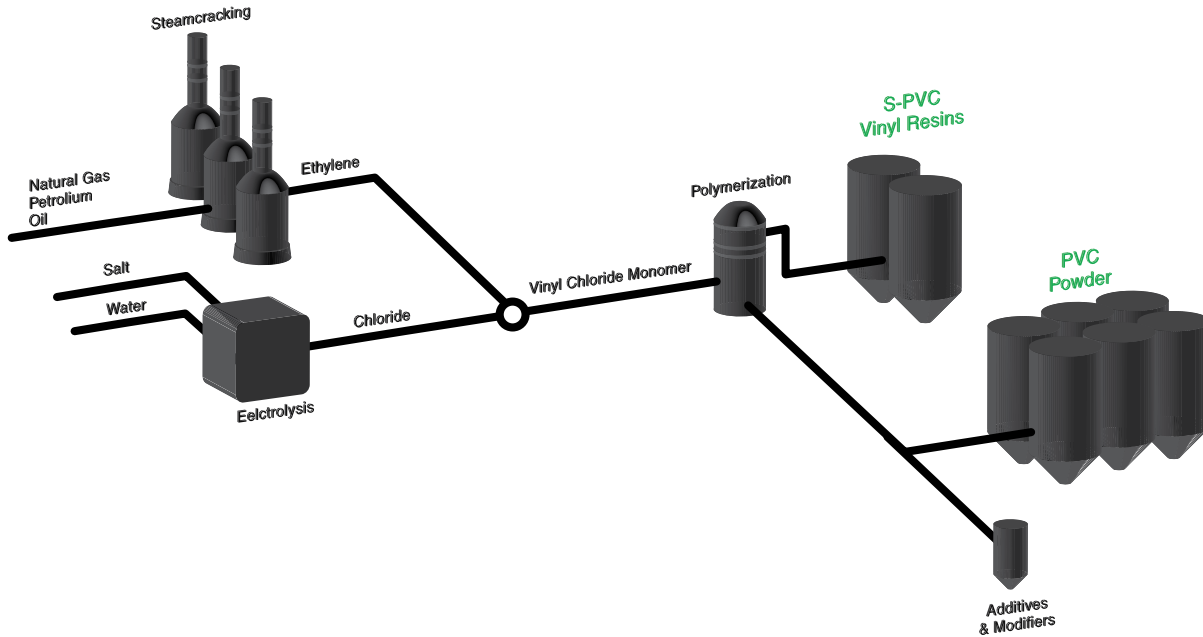




Plastics

PVC Production



3DLevelScanner

S-PVC Vinyl Resins

Application: Finished S-PVC vinyl resins are stored in storage silos prior to being delivered or packaged.

Challenges: S-PVC in a PVC production facility is the finished product. The end user seeks to closely monitor the inventory levels, but this is difficult due to the amount of dust generated when the silo is filled. The relatively low dielectric constant of the material makes measuring the level or volume of the stored S-PVC very challenging for any radar technology. BinMaster's 3DLevelScanner system using low frequency, acoustic-based technology performs where radar cannot and delivers accurate, reliable and continuous non-contact volume measurement despite extremely dusty conditions.

BINMASTER

402-434-9102
www.binmaster.com
Lincoln, Nebraska, USA

PVC Powder

Application: PVC powder is stored in silos prior to being delivered or packaged. The silos can be very large in size, containing thousands of tons per silo.

Challenges: PVC powder is the final product in a PVC production facility. The end user seeks to closely monitor inventory levels, but this is difficult due to the excessive amount of dust generated during the filling process. The relatively low dielectric constant makes measuring the level and volume of stored PVC powder very challenging for any radar technology. BinMaster's 3DLevelScanner system, using dust-penetrating, low frequency, acoustics-based technology measures and maps multiple points on the material surface to deliver accurate, reliable and continuous non-contact volume measurements even in dusty conditions, performing where radar may be unreliable.



3DLevelScanner

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