

AGRI DRAIN AUTOMATES DIMENSIONING TO MEET PEAK DEMAND

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The time savings alone make it worthwhile, but with cloud storage, custom integration and measurement accuracy, it's a clear win.

Travis Young, Logistics Analyst,

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Agri Drain Corporation, a U.S.-based leader in water management solutions, controls its entire manufacturing and shipping process in-house. With a wide range of uniquely sized products and a strong focus on same-day shipping, the logistics team plays a key role in delivering fast, reliable service nationwide.

During peak seasons, manual measurements caused delays, slowed order processing, and made it harder to meet shipping deadlines. These repetitive tasks increased errors, led to extra shipping fees from incorrect dimensions, and added stress on warehouse staff ultimately limiting scalability. To address this, Agri Drain needed a faster, more accurate way to measure packages and streamline fulfillment.

Challenges faced by Agri Drain



Diverse Product Catalog

Irregularly sized items are hard to measure accurately by hand, creating inefficiencies across the shipping workflow.



Peak Season pressure

During peak seasons, measurement delays made it difficult to meet same-day shipping commitments.



Operational Strain on Staff

Manual data entry and repetitive measurements added stress, increased errors and limited scalability.

Solution Implemented



Ceiling-Mounted System

Installed the v-Measure Parcel Ultima using a custom ceiling mount designed that avoided obstructing the mechanical roller top conveyor.



Integrated Browser Extension

Browser extension was developed to feed weight and dimension data directly into Agri Drain's StarShip shipping software, eliminating manual entry.



Cloud-Based Records

Each shipment's data is now securely stored in the cloud for easy access and audit resolution.

Industrial Impacts



Precision in Measurement

The system captured dimensions, including bulges, ensuring accurate billing and preventing hidden carrier fees.



ROI Achieved Within 3 Months

The cost savings from labor efficiency and fee avoidance covered the system investment in under a quarter.



Higher Fulfillment Volume

With faster processing and fewer delays, the team was able to fulfill more orders per day especially during peak demand.