



this issue

Innovating for Impact: Industry 4.0

Some of the frontiers in Sustainability that Total Distribution, Inc., is investigating are on how to transform our Warehouses and Transportation.

These changes shown below are evolutionary leaps for the organization that take significant amounts of capital, focused and dedicated resources, and a committed vision driven by senior leadership.

The future state of Total Distribution, Inc. will incorporate aspects of Industry 4.0.

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Join us in 2026. We will explore Samsara tracking, Cold Storage Optimization, and more...

INDUSTRY 4.0

MANUFACTURING AND
DIGITAL INNOVATION



ENGINEERING/ PROTOTYPING

ENGINEERING AND
3D PRINTING



DESIGN INNOVATION

INNOVATIVE PRODUCTS
AND NEW TECHNOLOGIES



DELIVERY/ TRACKING

QUICK DELIVERY
AND SHIPMENT TRACKING



**The future state of
Total Distribution, Inc.
will incorporate
aspects of Industry 4.0**

PRODUCTION LINE

AUTOMATED
PRODUCTION LINE



DISTRIBUTION/ ASSISTANCE

RETAIL
CUSTOMER SUPPORT



Innovating (continued)

The warehousing sector at TDI is in the forefront of sustainability efforts, driven by the need to reduce environmental impact and improve operational efficiency. Key innovations and practices include:

- Smart Warehousing: Integration of IoT, AI, and machine learning for real-time inventory tracking and automated decision-making.
- Energy-Efficient Technologies: Adoption of advanced lighting, HVAC solutions, and energy management practices to minimize energy consumption and carbon footprint.
- Eco-Friendly Packaging: Initiatives to reduce waste and transform packaging into a sustainable aspect of operations.
- Collaboration for a Sustainable Supply Chain: Active collaboration with suppliers and partners to create a sustainable supply chain.

All of the above topics are aspirational, and we as a company will move towards these in the future as we go on our sustainability journey.

Sustainability in Motion

At Total Distribution, Inc. (TDI), sustainability is more than aspirational, it is incremental, consistent progress. Across our network of logistics and warehousing operations, we are turning practical ideas into measurable impact: reducing waste, improving energy efficiency, and investing in safer, smarter processes that benefit our people, customers, and communities.

From landfill diversion to facility upgrades and ergonomic innovation, these initiatives

Small Steps, Big Impact at TDI

Sustainability in Motion

Small Steps, Big Impact at TDI

Have a project, idea, or improvement that makes your site more efficient? I want to hear about it! Whether it's energy savings, recycling, process efficiency, or creative reuse.

Reach out to **Hoss Youssefi** to share what your team is doing! Your story could be featured in the next issue.



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represent our belief that lasting change starts with steady, deliberate action.

Turning Waste into Worth

At our Airport Road facility, a new waste diversion initiative is helping us minimize landfill use and give byproducts a productive second life. Teams are re-evaluating waste streams from materials such as Activated Carbon, Calcium Hypochlorite, and resins, seeking ways to transform them into new opportunities.

Already, we have found success: Divert and Floor Sweep Resin materials are now sold to a recycler that repurposes them into picnic tables, parking blocks, and park benches. What once went to landfills now supports sustainable manufacturing. This is a circular win for both the environment and the economy.

Creating a Healthier, More Efficient Work Environment

Sustainability also means improving the spaces where our people work every day. Recent upgrades at our Airport Road location include:

- **Reflective Roofing:** New Titanium White roofs help reflect sunlight, lowering interior temperatures in the summer and reducing energy consumption.
- **Enhanced Air Handling:** A modern air system in Bldg. 2 captures fine

Sustainability in Motion

Small Steps, Big Impact at TDI



Pallet Inversion



chemical dust, improving air quality and ensuring a cleaner, safer environment for our operators.

These enhancements reinforce how environmental responsibility and employee well-being go hand in hand.

Smarter Equipment for Safer, More Sustainable Operations

At our Parkersburg, WV- Rosemar facility, we are reviving innovation to improve both efficiency and ergonomics. A previously idle pallet inverter, out of service since 2021, is being brought back online under the direction of Regional Operations Manager, Steve Sansevere.

Now operational, the inverter will make pallet handling safer and faster, reducing manual lifting, saving energy, and enhancing productivity. It is a practical example of how operational improvements can drive sustainability while strengthening customer responsiveness.

Looking Ahead

Each initiative may be incremental on its own, but together they represent the momentum of meaningful change. At TDI, sustainability isn't an initiative on the sidelines. It is embedded into how we operate, innovate, and serve.

From the Ground Up

Grassroots action. Lasting impact.

“Every sustainable improvement starts with someone asking, ‘What if we did this differently?’ Our teams are proving that innovation often begins right at the site level.”

-Steve Sansevere
Regional Manager Warehouse Operations



From the Ground Up features stories from across the TDI network where a determination for efficiency, teamwork, and innovation is transforming daily operations into lasting impact.



Steve Little and **Bryce McClaughry** proudly show off Navarre's new racking.

“This new racking will help reduce mis shipments, allow us to utilize FIFO, and store more items, easier. The site anticipates that inventory will be much easier.”

-Bryce McClaughry
Warehouse Coordinator

“Yep, that’s it in a nutshell.”

-Steve Little
Operations Manager