

# Why Choose Third Wave Automation?

Predictable automation + human adaptability = flexible, safe, and scalable warehouse solutions.

## FLEXIBILITY THROUGH SHARED AUTONOMY

- **Full autonomy for regular operations:** Dock-to-dock workflows — putaway, replenish, and outbound pick.
- **Seamless remote interventions:** Forklifts **operate fully autonomously**, calling for help only when needed — enabling one **off-floor operator** to oversee **8 trucks** and resolve exceptions in seconds.
- **Smarter operations:** Hybrid system of autonomous TWA Reach forklifts and fleet management for **adaptive, precise, and reliable material handling** across diverse workflows.
- **Continuous learning:** Forklifts improve from operator interactions, adapting to **complex sites** where traditional automation fails.



## RAPID, LIGHTWEIGHT DEPLOYMENT

- **Fast qualification & pilots:** From truck delivery to first production moves in **2 weeks**.
- **Minimal disruption:** No custom infrastructure or major process changes required.
- **Full deployment:** **1–4 months** from site qualification to production.

## PROVEN SAFETY AND SECURITY

- **Inventory precision:** Pallets placed **exactly** where you want them, every time.
- **Near elimination of racking damage:** Almost **100% reduction** in costly repairs.
- **Improved safety:** Autonomous forklifts **eliminate human error** and reduce warehouse accidents.

## IMMEDIATE PRODUCTIVITY GAINS

- **Workforce optimization:** Up to **90% labor reduction** (one operator per 8–10 forklifts).
- **Cost savings:** **30%+** labor cost reduction including TWA fees; **<12-month payback period**.
- **Data-driven productivity:** AI rapidly accommodates process changes and provides insights for **continuous improvement**.

## 3D LIDAR-BASED NAVIGATION

- Reliable, accurate, and safe movement in dynamic environments.



**CONTACT US**