



AGV



Automated Guided Vehicle Systems

AGVs - A strategic investment

Investing in AGVs is now a critical strategic decision. The labor market is tightening and industry leading companies are combating this threat with material handling automation. Your supply chain cannot be interrupted by high turnover and labor shortages. And each AGV represents several valued employees that will be with you each day for up to 15 years with guaranteed consistently low costs. Investment in AGVs is a smart, long-term strategic decision and finding the right AGV partner matters.

Why JBT?

A History of Performance.

JBT has been an AGV industry leader for over 35 years. We've successfully installed hundreds of systems and thousands of vehicles across many vertical markets. Along the way, we've amassed the largest team of AGV experts who possess an incredible amount of intellectual property and know how. We put that knowledge to work each day, quickly and effectively solving new challenges.

As a financially strong, publicly-traded US corporation, JBT will be there to continue to provide 24x7 support whenever needed. Over the years, we've seen many automation suppliers come and go. The list includes many VC funded startups with potentially promising technology, as well as slower innovating companies that couldn't build a profitable business, leaving their customers helpless as they exited the AGV market. JBT has been and will continue to be your trusted AGV partner in the future, just as we have been for the last 35 years.





A Commitment to Innovation.

New technology development is accelerating. Whether it's sensors, batteries/charging, path planning, processing power, navigation or software algorithms, new technology can provide game-changing results, making projects return more and AGVs more productive. JBT has the experience to harness that potential, fully testing and incorporating new technology so that it delivers, as promised. We will not put your project and operation at risk with unproven promises. However, we do and will innovate every day and on every project. And it is what will carry us forward for the next 35 years.



Delivering Results

Providing AGV systems that deliver results for our customers. That's our primary goal and it's what keeps our business successful. In the AGV industry, having great technology isn't enough. Great technology needs to be configured and applied so that it can deliver results to solve unique customer requirements and challenges. We can't simply force everyone to change their operation to fit one strict, inflexible design and solution. Our flexible AGV tools, technology, and knowledge will maximize your results.





Typical AGV Features

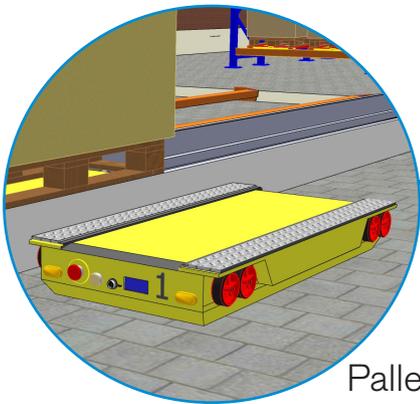


How it works

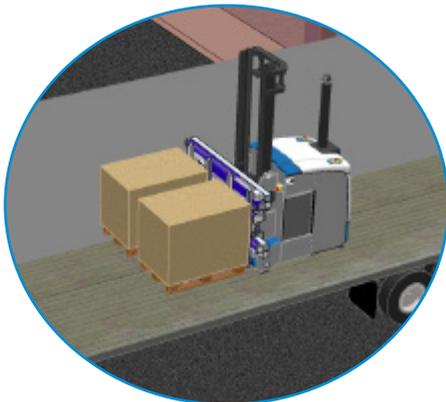
1. A manual operator or a computer system (ERP, WMS, etc.) generates a material movement request.

2. SGV Manager, JBT's AGV control system, assigns an AGV to perform the task.

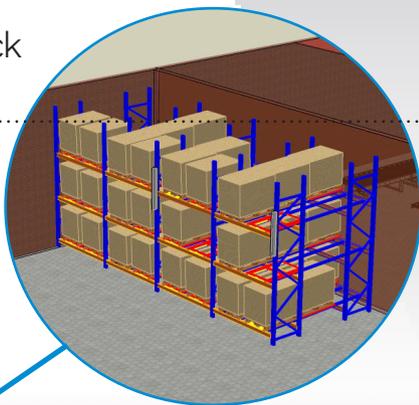
3. The AGV completes the order while SGV Manager tracks its movement and updates the inventory.



Pallet Shuttle Racking

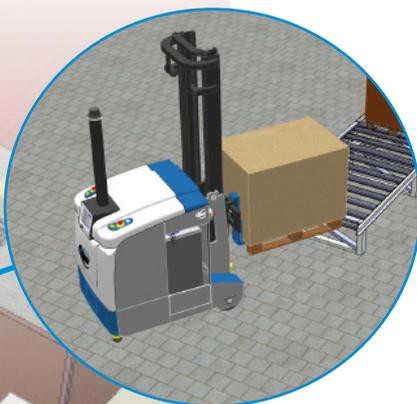


Push-Back Racking



Common AGV applications

- Automated unloading of standard, over-the-road trailers
- Delivering raw materials from receiving to the warehouse
 - Supplying production with consumables at point-of-use
- Moving work-in-process (WIP) throughout production
- Transferring finished goods from palletizers to stretchwrappers
- Transporting finished goods from stretchwrappers to the warehouse and/or shipping
 - Automated loading of trailers



Benefits of automation

AGV systems deliver a variety of benefits, each of which helps to improve your operations.

Flexible Automation

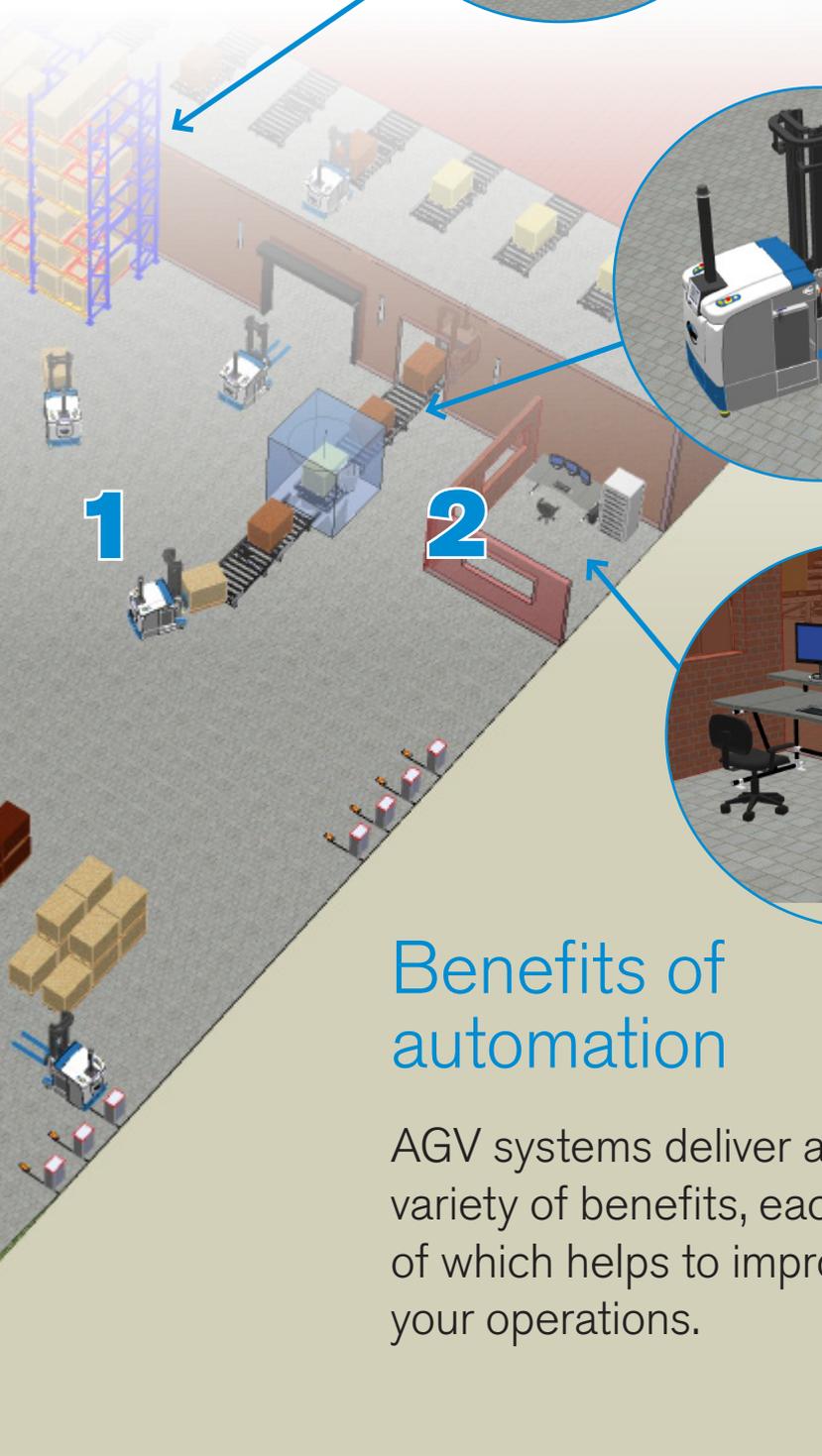
AGV systems require little-to-no infrastructure. Plus, they move freely in a facility, and systems can be easily changed and expanded.

Savings Generators

AGV operation costs as little as \$3 per hour. Vehicles operate 24 hours a day, 7 days a week, and companies normally witness payback in 1.5 years.

Smooth Operation

AGVs increase operational efficiency. They effectively eliminate facility and product damage, work continuously to meet your predefined throughput requirements, and deliver consistent, predictable logistics.





A wide variety of AGVs to fit your specific needs

Our varied industry experience has resulted in a diverse set of AGV types, which help us develop the right system for you.

North America

JBT
400 Highpoint Drive
Chalfont, PA 18914
USA
Phone +1 215 822 4600
Fax +1 215 822 4553
sgv.sales@jbt.com

Latin America

JBT
Máq. Equip. Ind. Ltda.
Av. Eng. Camilo Dinucci 4605
14808-900 Araraquara
São Paulo
BRAZIL
Phone +55 16 3301 2000
latinamerica.info@jbt.com

Europe

JBT
Unit IV Winchester Ave.
Blaby Industrial Park
Blaby LE8 4GZ
UNITED KINGDOM
Phone +44 116 264 2846
Fax +44 116 264 2279
uksgvsales@jbt.com



jbt.com/automated-systems

