

A SMART MOVE FOR THE BUILDING MATERIALS INDUSTRY

JBT's building materials AGVs simplify your operations while increasing your productivity and are built to withstand even the harshest indoor environments. They are specifically designed to handle various board types that make transporting materials effortless. Plus, they tolerate dust, interface with other automated equipment, and navigate well in deep-lane storage.

WHY MOBILE AUTOMATION IS A SMART MOVE:

- **Reduce warehouse labor expenses**—equivalent labor rate of \$4 per hour
- **Increase productivity by 10%-20%** by getting the right materials to the right place at the right time
- **Increase operational efficiency by 20%-50%** by automating repetitive tasks, reducing downtime, and optimizing routing and scheduling

WHY PARTNERING WITH JBT IS A SMART MOVE:

7,000+ vehicles operating globally—700+ systems with millions of hours of stable operation—40+ years of application knowledge

- **Proven Technology From Industry Pioneers:** Unparalleled industry expertise from over four decades of designing and deploying high-quality, precision-engineered mobile automated systems
- **Solutions Tailored to Your Business:** A diverse range of automation solutions—including vehicles and fleet management software—that can be tailored to meet the unique needs of the building materials industry
- **Safety First and Always:** Safety starts with design then continues through implementation and support to protect your company's most valuable asset: your people
- **Exceptional Service Everywhere:** World-class customer support throughout the entire life cycle ensures your system continues to deliver superior results

Load Types Handled

- Gypsum/Drywall
- Plasterboard
- Plywood
- Acoustic tiles
- Insulation
- Injection molding
- Glass
- Plexiglass
- Metals
- Roofing
- Concrete
- Bricks
- Styrofoam sheets

Applications

- Brownfield and greenfield sites
- Gypsum: stackers, warehouse, staging
- OSB: dryer, storage, sanders
- Plywood veneer: dryer, storage, composer, saw, flip station, sanders
- Insulation: end of line, warehouse, staging



CB4500



LEARN MORE

EXPERIENCE THE POWER OF PERFORMANCE-DRIVEN AUTOMATION

PRODUCT PORTFOLIO

Counterbalance Forked Automated Guided Vehicles (AGVs)



CB750



CB1500



CB2500



Trailer Loading

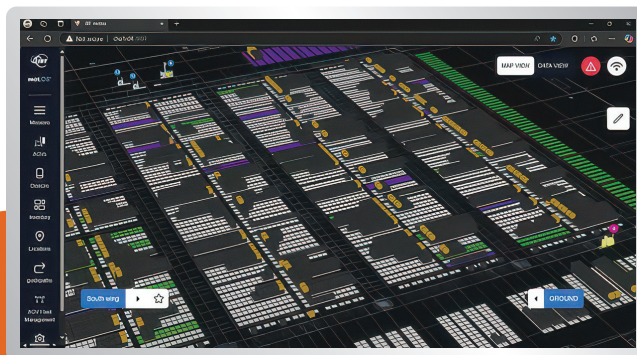


CB4500



Reach

Standard lift weight up to	750kg / 1,600lbs	1,500kg / 3,300lbs	2,500kg / 5,500lbs	2,000kg / 4,400lbs	4,500kg / 10,000lbs	2,041kg / 4,500lbs
Standard lift height up to	1,220mm / 48"	5,100mm / 201"	9,140mm / 360"	2,540mm / 100"	5,770mm / 227"	12,500mm / 490"
Standard lift speed up to	25mm/s 1"/sec	200mm/s 7.9"/sec	300mm/s 12"/sec	220mm/s 8.7"/sec	135mm/s 5.3"/sec	300mm/s 12"/sec
Standard travel speeds up to	1.8mps / 350fpm	1.8mps / 350fpm	1.6mps / 315fpm	1.8mps / 350fpm	2.0mps / 394fpm	2.0mps / 394fpm



mōt.OS®

FLEET MANAGEMENT SOFTWARE

JBT mōt.OS makes every mobile automation system SIMPLE, SCALABLE, and SUSTAINABLE

Our innovative software platform delivers seamless integration, transforming logistics and manufacturing operations.

SIMPLE

- User-friendly automation platform
- Intuitive monitoring and analytics
- Seamless horizontal and vertical integration

SCALABLE

- Fleet interoperability with performance and safety in scope
- Management of hundreds of vehicles and thousands of storage locations
- Site-to-enterprise mobile robot asset management

SUSTAINABLE

- Maximized total life cycle value via equipment and software asset management
- Flexible and redeployable technologies
- Decades of experience in complex automation environments