



## Total Automation Intelligence For the Building Materials Industry

Building materials operations demand reliable movement in tough, high-volume environments. FORMOVA's automation vehicles are engineered to handle heavy and oversized materials in rugged indoor environments, helping manufacturers improve flow, reduce manual handling, and maintain continuous production.

### Load Types Handled

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

### Applications

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

### FOR moving smarter with mōt.OS®

**One platform,  
total control**

mōt.OS® is the intelligence behind the motion, orchestrating multiple fleets from multiple manufacturers to bring visibility and coordination to your entire operation.

### FOR moving forward with long-term support

**A partner in performance, every  
step of the way**

FORMOVA provides ongoing support to keep your systems running at peak performance, from proactive maintenance to responsive service.

### FOR moving more with advanced vehicles

**Engineered for performance in  
the real world**

From compact mobile robots to heavy-duty AGVs, FORMOVA's vehicles are engineered to perform in complex environments where precision, safety, and reliability are critical.



**Increase  
productivity**  
by 10%-20%



**Increase  
efficiency**  
by 20%-50%



**Increase  
material flow**  
by 20%-30%



**Reduce  
labor  
expenses**



**Reduce  
safety  
incidents**

# Motion adapted **FOR** the building materials industry

## Product portfolio

Counterbalance forked automated guided vehicles (AGVs)  
Other load handling attachments available



**CB750**



**CB1500**



**CB2500**



**Trailer Loading**



**CB4500**



**Reach**

|                              |                  |                    |                    |                    |                     |                    |
|------------------------------|------------------|--------------------|--------------------|--------------------|---------------------|--------------------|
| Standard lift weight up to   | 750kg / 1,600lbs | 1,500kg / 3,300lbs | 2,500kg / 5,500lbs | 2,500kg / 5,500lbs | 4,500kg / 10,000lbs | 2,041kg / 4,500lbs |
| Standard lift height up to   | 1,220mm / 48"    | 5,100mm / 201"     | 9,000mm / 354"     | 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 | 2.0mps / 394fpm  | 2.0mps / 394fpm    | 2.0mps / 394fpm    | 2.0mps / 394fpm    | 2.0mps / 394fpm     | 2.0mps / 394fpm    |

## How FORMOVA keeps you forever in motion

### A Legacy of Expertise

Automation pioneers for 40+ years

### Field-Tested Performance

700+ systems in operation

### Support Without Limits

Global coverage with rapid response

### Proven Automation Expertise

- Every system is shaped by in-field insight and continuous improvement, designed to perform reliably today and adapt to tomorrow's demands.

### Safety and Integrity Engineered In

- Our systems are engineered to reduce risk, minimize human error, and meet rigorous global standards.

### Partnership That Keeps You Moving

- We're a long-term partner who works alongside your team, from design through optimization, and are accountable to your system's performance.

### Motion That Adapts and Scales

- No two operations are identical. That's why we provide automation for various industries that integrates seamlessly and scales with demand.