2MOVE®
Total Flexibility in Transporting Goods
The automated guided vehicle (AGV) 2Move from MoTuM is designed to transport loads between different transfer points and is available in the following two models:

2Move f2f (floor-to-floor)
The f2f model transports loads such as euro pallets and roller containers between different positions from floor-to-floor. To ensure the most efficient method of transferring goods, the forks on the vehicles are available in different lengths to allow parallel transport of multiple loads.

### Technical Information
- **Load Handling**: Fork
- **Max. Payload**: 2,000 kg
- **Lift Height**: 130 mm
- **Overall Length**: 2,150 / 3,250 mm
- **Overall Width**: 900 mm
- **Aisle width for Euro lengthwise**: 2,500 mm
- **Max. Travel Speed**: 2.0 m/s
- **Acceleration**: 0.5 m/s²
- **Travel Drive**: AC 4 kW
- **Lift Drive**: AC 1.4 kW
- **Battery**: 24 V, AGM or 2Lite
- **Guidance**: Laser navigation
- **Controls**: MASS by MoTuM

2Move f2f can be used in the following applications:
- To move pallets from floor-to-floor and between different areas such as receiving, shipping, consolidation or cross-docking
- To provide work stations on floor levels with goods
- To unload and upload goods/pallets from conveyors positioned close to floor level

### Swarm Technology
The logistics software WAMAS® handles planning, control and checking of all goods, information and resource flows. Control and optimisation of all transfer orders are managed with the in-house developed MASS (Multi Agent Scheduling System).
2XL NV is a Belgian transportation and logistics provider and one of the leading contract service providers for supplying the British market. In 2012, we decided on automation because our warehouse, being 450 meters, is very long. When picking the goods, the worst possible case would be that you have to get a pallet from the other end and drive it back to the front gate. Sometimes our fork-lift operators drive a kilometer just to get one pallet. Personnel costs are also very high, especially on Saturdays and Sundays as well as during the night shift.

Today we use the automated guided vehicles from MoTuM. The most important reason for this decision was certainly the high flexibility. We could easily upgrade our standard warehouse to an automated one and the automated guided vehicles are perfectly customised to suit our needs.

Jean Van den Poel, Managing Director at 2XL NV in Belgium

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2Move c2c (conveyor-to-conveyor)

The c2c model is equipped with one or more load transfer devices (similar to a roller or chain conveyor) to move goods from conveyor-to-conveyor. This ensures a high handling speed between in-feed and out-feed lanes of conveyor systems, end-of-line equipment (robot lanes, wrappers, palletisers and quality check) or other work stations when transporting and transferring loads.

2Move c2c can be used in the following applications:

- Moving goods from conveyor-to-conveyor
- Distribution processes between handover conveyors and shipping lines

Both 2Move models of MoTuM are very well suited to integrate our 2Lite system based on Lithium battery technology. This combination of innovative logistic solutions is highly cost-efficient, provides excellent performance for challenging operations and guarantees permanent AGV-availability for 24/7 work environments.

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**Technical Information**

- Load Handling: Roller or chain conveyor
- Max. Payload: 1,500 kg
- Overall Length: 2,400 mm
  - (roller conveyor – Euro pallet)
- Overall Width: 1,500 mm
  - (roller conveyor – Euro pallet)
- Conveyor Height: Min. 350 – max. 1,000 mm
- Max. Travel Speed: 2.0 m/s
- Acceleration: 0.5 m/s²
- Conveyor Speed: 0.3 m/s
- Travel Drive: AC 4 kW
- Conveyor Drive: AC 0.55 kW
- Battery: 24 V, AGM or 2Lite
- Guidance: Laser navigation
- Controls: MASS by MoTuM

**2Move c2c can be used in the following applications:**

- Moving goods from conveyor-to-conveyor
- Distribution processes between handover conveyors and shipping lines
Innovative AGV solutions: MoTuM offers a comprehensive range of AGVs, automated stackers and reach trucks for different applications. Our customer service team is pleased to provide professional support to ensure 24/7 availability and continuous operational safety.