

# AUTOMATE YOUR PALLET TRANSPORT THE EASY WAY

**GLOBAL AGV – DRIVERLESS FORKLIFT TRUCKS  
FOR INNOVATIVE COMPANIES**



**STREAMLINING YOUR BUSINESS**



**WHAT ARE YOU  
WAITING FOR?**

**OPTIMISE YOUR COMPANY'S  
INTERNAL LOGISTICS FROM  
DAY ONE WITH GLOBAL AGV!**



# INCREASE YOUR EFFICIENCY AND BOOST YOUR COMPETITIVENESS

Automating your company's in-house transports does not have to be difficult, costly, or time-consuming – we have made it simple! Regardless of the size and type of your business, you now have the option to automate simple pallet transports from A – B with the flexible and innovative driverless forklift truck, Global AGV – a standard product with short delivery time and payback period that is ready for installation in the existing environment in less than one week.

By automating manual pallet transports, you release time and employee resources for other value-adding tasks. With Global AGV you will make better use of your company's resources, increased efficiency, and improved productivity. The proven truck technology enhances your company's safety by minimising damage and accidents in the warehouse, ensuring optimised internal logistics.

The driverless forklift trucks are an investment that brings you one step closer to the automated future where you quickly will experience increased competitiveness and an improved bottom line.

## GET AHEAD – IT IS SIMPLE WITH GLOBAL AGV

- **60% savings on simple pallet transports**
- **Short payback period and no labour costs**
- **Flexible and easy route changes**
- **Dual mode with manual operation capability**
- **Increased efficiency by working 24/7-365**
- **Reduced damage to goods and equipment due to collisions**
- **Improved work environment with safe transport**
- **Easy and safe installation and operation (Plug n' Produce).**



# AN INNOVATIVE STANDARD PRODUCT FOR SIMPLE PALLET TRANSPORTS

**Global AGV is automation the easy way!** We are the only supplier in the market to offer you an innovative standard product to handle your simple pallet transports from A – B. With flexible route changes to the driverless forklift trucks you can easily and quickly install the AGV in your workflow.

What used to be a project solution for larger companies, we have now made a standard product available to both small and medium-sized enterprises. And with a short payback period, you and your company are guaranteed economical driverless forklift trucks with proven technology at a competitive price.

We make sure that you get off to a great start – we offer training for your technicians so they can handle future installations, route setups and changes.

- **Easy installation and commissioning in just 2-3 days**
- **Easy to integrate into existing environments**
- **User-friendly standard application and interface**
- **Flexible and simple route setup and changes**
- **Dual mode with automatic or manual operation**
- **Proven forklift truck technology**
- **Pallet transports by signal exchange or push button function.**



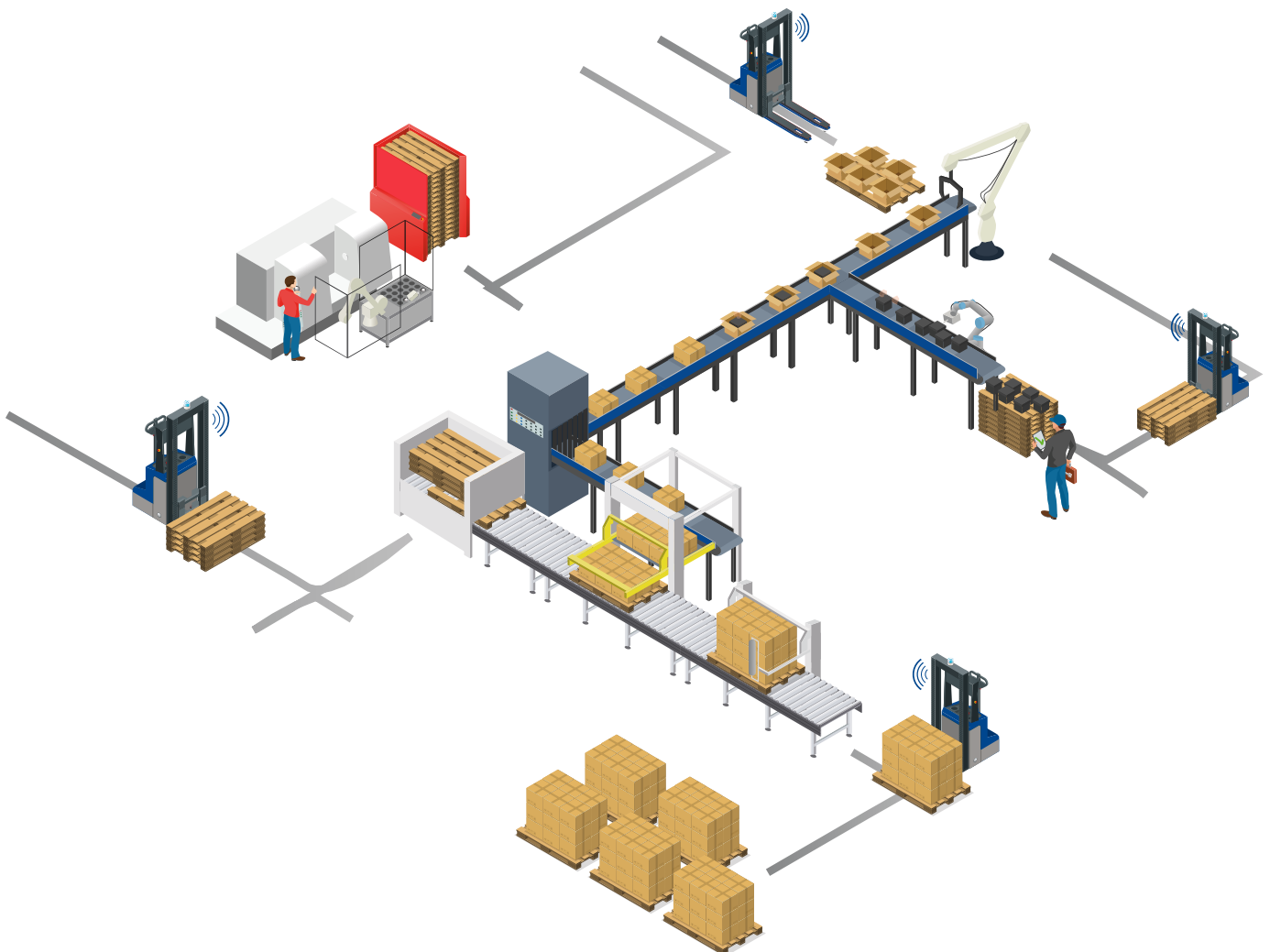
## OPTIMAL WORK AREAS FOR GLOBAL AGV

With flexible integration into existing environments you have the option to install the AGV in multiple different work areas – also for long-distance transports.

### PUT THE GLOBAL AGV TO WORK:

- At end-of-line, for example with palletising machines, wrappers and/or foil machines
- For the delivery and collection of goods at fixed stations in production lines and warehouses
- For the delivery and collection of goods in rows

... all simple **A - B pallet transports**.





## FINELY TUNED SAFETY WITH PROVEN TECHNOLOGY

By investing in Global AGV you and your company can achieve safer and more efficient internal logistics as the driverless forklift trucks are built on proven technology from Linde. With an efficient and safe standard product, you will experience a rapid reduction in damage to goods and decreased collisions in the warehouse and production. The simple transport of pallets from A – B is now carried out automatically, faster, and more safely.

- 1 RED SPOT (WARNING LIGHT)
- 2 WARNING SIGNAL (SIDE)
- 3 PALLET SENSOR
- 4 SAFETY SCANNER (REAR-FACING)
- 5 MARSHALLING DETECTION SCANNER
- 6 PALLET SENSOR



# GLOBAL AGV AUTOMATION THE EASY WAY



- 6 FORK SENSORS
- 7 LITHIUM CHARGER, PLATE
- 8 TOPSCANNER
- 9 WARNING SIGNAL (LIGHT AND SOUND)
- 10 TOUCHSCREEN
- 11 BLUE SPOT (WARNING LIGHT)
- 12 EMERGENCY STOP
- 13 TILLER FOR MANUAL OPERATION
- 14 SAFETY SENSOR (SIDE)
- 15 SAFETY SCANNER (FRONT)

# QUICK AND EASY INSTALLATION WITH STANDARD SOFTWARE

With the user-friendly touch interface, you can access the full overview of the AGV's workflow and system information. Whether you access the AGV's interface via your computer, tablet, or phone, you will always encounter the same simple interface, making your work more efficient and flexible.

## ... AND SIMPLE MAPPING

Using a natural feature-based navigation system, the area is scanned and mapped, allowing the AGV to easily navigate the existing environment. It is very simple to map the Global AGV yourself – you or your colleague simply pull it around the environment and the route will be determined.

The AGV navigates with a laser system at a 360° field of view, which detects the surroundings so it can continually maneuver according to the planned routes. Should your logistics flow change, then the high flexibility allows you to change and map the route according to your new flow.

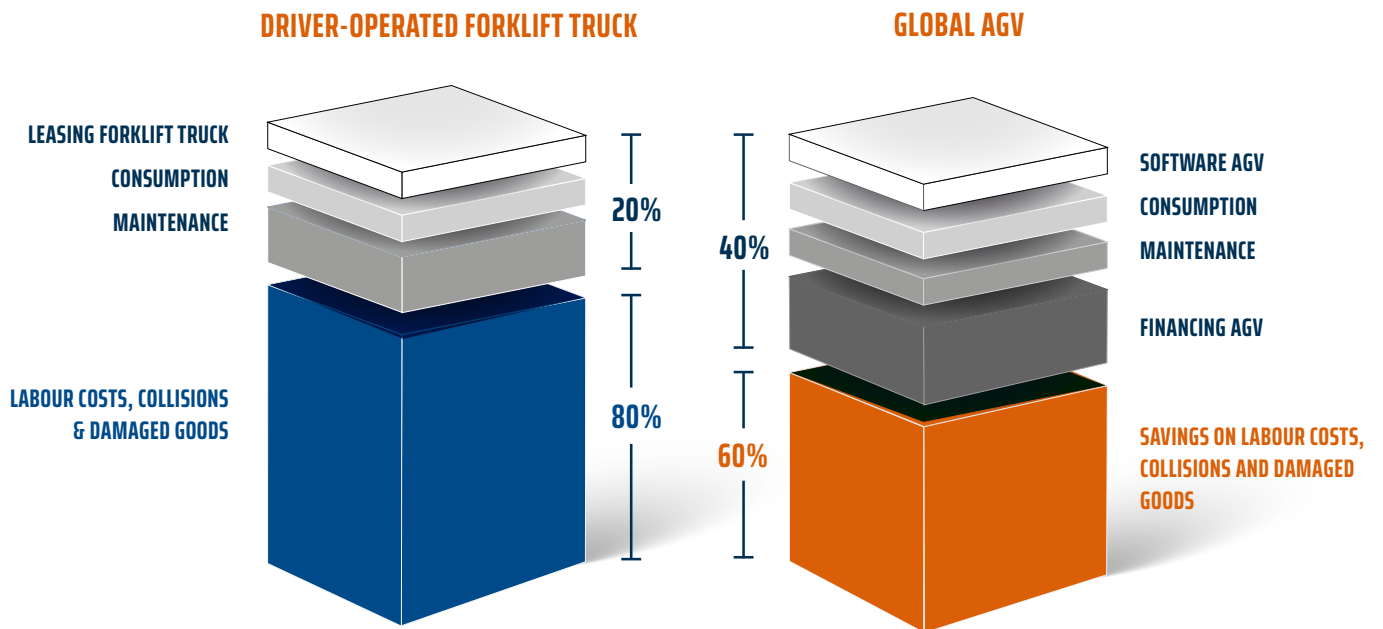




# A WIN FOR YOUR ENTERPRISE

You can achieve an average annual savings of 60% of your daily operations through an investment in Global AGV, as compared to the annual costs associated with driver-operated forklift trucks. Expenses from labour costs, collisions, and damaged goods are eliminated by using the AGV's finely tuned safety and high efficiency levels.

## 60% SAVINGS ON YOUR DAY-TO-DAY OPERATIONS



### FINANCING DONE YOUR WAY!

Buy it, lease it or rent it – it is entirely up to you. Are you ready to invest in your company's future with Global AGV?

We are ready to support you with the financing option that suits you and your business.

# WORLDWIDE DEALER NETWORK



## YOUR PARTNER IN PRODUCTION OPTIMISATION

The driverless forklift trucks, Global AGV, are based on more than 30 years of experience from the professional project house, BILA A/S, which has helped many companies with production optimisation through automation solutions. All our competences are combined under one roof, this gives us fertile ground for the development of concept, construction, software and assembly. With our own Innovation Centre in Nyløbing Mors (DK), where we develop and build special tools for both simple and advanced automation solutions, we always have our finger on the pulse when it comes to production optimisation. BILA A/S employs more than 400 dedicated employees.

With a strong and fast growing international dealer network, you are assured of qualified advice worldwide in the latest forklift truck technology.

Global AGV is a product of BILA Logistics, which also offers the end-of-line solution, the PALOMAT® pallet magazines.

## SERVICE AGREEMENTS WITH GUARANTEED SECURITY

We offer you a service agreement, either in cooperation with us or our worldwide dealer network, when you invest in a Global AGV. That way we can ensure that you will get the most out of your purchase. With a service agreement, you are guaranteed service by trained service technicians who are ready to come to you and perform the required servicing, ensuring you maximum uptime and the full benefit of your AGV.

# TECHNICAL SPECIFICATIONS

The Global AGV is CE approved and complies with the latest requirements of the Machinery Directive. It is your guarantee of a product that meets all applicable environmental, health and safety requirements. When the Global AGV is integrated into a solution, the overall CE approval lies with the responsible project manager/integrators.

## SERVICE:

- **Technical hotline support: 24/7/365**
- **+45 96 69 47 10**
- **info@global-agv.com**

**RAL  
5002**

**STANDARD COLOUR**

## GLOBAL AGV L14



## GLOBAL AGV L12



### SUITABLE FOR HANDLING EUR-PALLETS SHORT-SIDED

Capacity: Lifting height:	1400 kg Max. 2844 mm
Fork dimensions: Center spacing between forks:	60 x 180 x 1150 mm Fixed at 380 mm
Motor: Transmission: Max. speed:	1.5 kW AC motor Linde LAC transmission 1.2 m/s

### SUITABLE FOR HANDLING US, UK AND SEA-PALLETS

Capacity: Lifting height:	1200 kg Max. 2844 mm.
Fork dimensions: Center spacing between forks:	40 x 100 x 1200 mm Variable from 225 to 640 mm
Motor: Transmission: Max. speed:	1.5 kW AC motor Linde LAC transmission 1.2 m/s



**AUTHORIZED DEALER**

The logo consists of the letters 'LO' stacked above 'GO' in a bold, blue, sans-serif font. The letters are contained within a white square.

**BILA A/S**

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