



**MAX/AGV**

# **AUTOMATED TRANSPORTS**

**tellus<sup>®</sup>**

*Your Storage Systems Expert*

Tel: 02 - 6438044 - 8 / E-mail: [info@tellus.co.th](mailto:info@tellus.co.th) / [www.tellus.co.th](http://www.tellus.co.th)

# AGV MODELS



## A broad product range

MAXAGV offers a wide range of AGV models. Which model that is suitable depends on the load and work tasks and the environment in which the AGV should work. As a basis, MAXAGV offers a set of standard concepts which can be adapted depending on the customer's requirements. Our AGVs' mechanics, electrics and software are modular and built from well tested and standardized parts ensuring quality and robustness. To this extra options can be added, such as an extra high lifting mast, RFID scanner, DeZone and much more. If the standard concepts are not suitable, it is also possible to customize or make a completely new AGV design.

## Standard Concepts

Our main models are built as either a forklift (FX) or carrier type (CX). Size, lift capacity and lift equipment vary and depends on the work tasks of the AGV. As an example, the carrier AGVs can be equipped with a roller conveyor, double roller conveyor, chain conveyor or lift platform. For the FX models, the lift equipment can e.g. be made as a straddle, fork over or counterbalance. The fork carriage can be designed with fork spread, side loading or tilt. There are many possibilities! There is also a model range named AX, which is a shortening for "assembly". These AGVs are specially designed for motor assembly within the automotive industry.

## Laser, Safety, Charging

There are several guidance methods which could be used, but Laser Guidance is the method we use most often. Safety is an extremely important aspect in the AGV design. On all our AGVs there are several safety systems which enable the AGVs to work together with people and infrastructure. Our AGVs also have fully automatic and maintenance charging.



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# AGV Control System



## AGV Control System

Max the software which controls our AGVs. Each AGV has a built in control unit named Sonix. This can be described as a small computer which allow the AGVs and software to “speak” with each other. In this way Max can keep track of all AGVs in the system and what they are currently working with. Max assign each AGV with work tasks while also optimizing the traffic and transport flows. In this sense, Max keeps track of the AGV system for you. Should there be any malfunction to the system, Max will alert you via computer, mobile phone or tablet. So even if you are not by your computer you will be able to know what is happening in your system.

## Features of Max

Max is a state of the art AGV and Warehouse System, using the very latest technologies, ensuring fast and reliable transport deliveries. Max can be used as a warehouse management system on its own, or to communicate with already existing management systems. It is easy to configure and it provides great possibilities for further expansions and modifications. Since it is a Windows-based system it is also easy to use. The system offers a user-friendly interface with well-presented screens and logical functionality that is easy to learn, configure and use by operators. The system handles everything from transport and warehousing, load tracking, buffering and order swapping, to optimal dynamic route selection, location selection, charge control, priorities and dead lock prevention – all shown in real time 3D visualization.

## About MAXAGV

Max is the management system which controls the AGVs. The AGVs are fully automatic and navigate completely on their own with the help of laser guidance. It is a flexible system with great possibilities for future expansion and modifications.

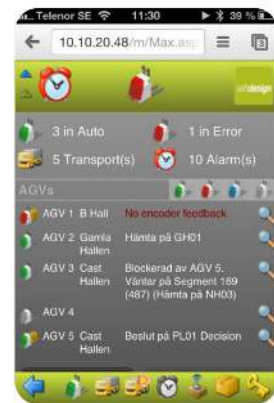
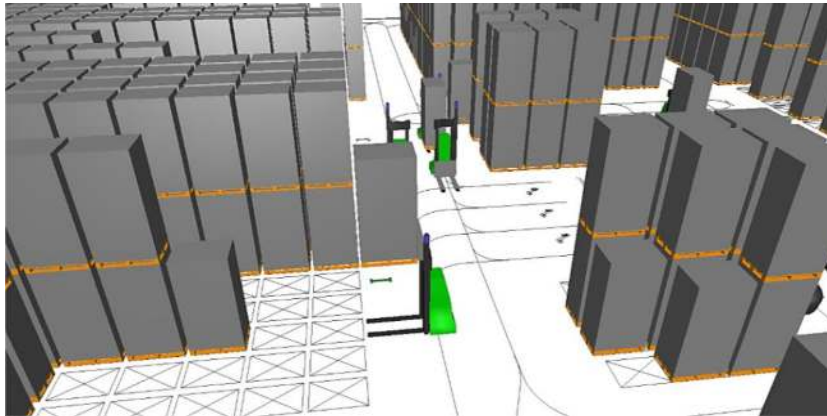


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# MAX AGV



## Max Management System

Max is our AGV control system. This is a Windows-based system which is easy to use. The system offers a user-friendly interface with well-presented screens and logical functionality that is easy to learn, configure and use by operators. Max can communicate with operators via e-mail, text messages, Windows gadgets and Apps. The system handles everything from transport and warehousing, load tracking, buffering and order swapping, to optimal dynamic route selection, location selection, charge control, priorities and dead lock prevention – all shown in real time 3D visualisation.

## General Features

Max is a state of the art AGV and Warehouse System, using the very latest technologies, ensuring fast, reliable transport deliveries. Max can be used as a warehouse management system on its own, or to communicate with already existing management system. It is easy to configure and it provides great possibilities for further expansions and modifications. The Max control system communicates with the AGVs with the help of WiFi radio(s). Max helps the AGVs to keep track of each other and to assign the AGVs with new work tasks. It makes sure that the loads are transported to the correct destination, at the right time and in the most efficient way.

## About MAXAGV

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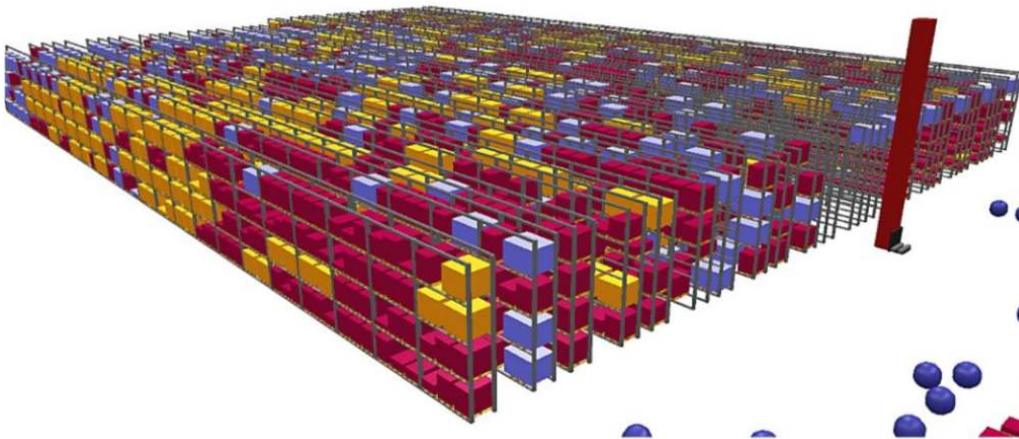
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# Warehouse Management System



Load Tracking

Traffic optimization

User friendly

Reports & Statistics

3D overview

## The Max System

MAX is a state of the art AGV and Warehouse System, using the very latest technologies, ensuring fast, reliable transport deliveries. MAX Management system optimizes logistics at our customer's production facilities all over the world in different branches. MAX runs on a Microsoft Windows environment supporting small standard system up to large customized AGV systems allowing a flexible customer configuration to meet high demands. The system offers a user-friendly interface with well-presented screens and logical functionality that is easy to learn, configure and use by operators. MAX also provides great possibilities for future expansion and modifications.

## General Features

MAX ensures that your load is transported to the correct destination, at the right time and in the most efficient way. The system handles everything from transport and warehousing, load tracking, buffering and order swapping, to optimal dynamic route selection, location selection, charge control, priorities and dead lock prevention – all shown in real time 3D visualization. MAX communicates with operators via e-mail, SMS, Windows gadgets, Mobile telephone applications to secure maximum effectivity and availability.

## About MAXAGV

Max is the management system which controls the AGVs. The AGVs are fully automatic and navigate completely on their own with the help of laser guidance. It is a flexible system with great possibilities for future expansion and modifications.



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