

# LARGE

# & EASY

LG-E SHELVING SYSTEM  
FOR LONG-SPAN GOODS

FLEXIBILITY FOR  
FUTURE GROWTH

**STOPA**

## THE LG-E SHELVING SYSTEM FOR LONG-SPAN GOODS: AN INVESTMENT IN GROWTH

### An investment in growth

The new STOPA LG-E shelving system for long-span goods is an excellent growth investment because you can add new modules as you need them. In the future you can expand your storage system in keeping with market demand or modify it to suit your requirements. The storage system is based on the push/pull principle.

This flexibility opens up new opportunities for automatic storage and retrieval. The LG-E can be configured for production facilities of different sizes. Both the hardware and software are able to handle increasing requirements. If you need to expand your capacity, you can add a storage tower, storage stations or a conveyor system with higher performance. The system control panel with touchscreen is designed for fast provisioning of saws and enables installation of additional machining equipment.

In addition, the control unit can be augmented with warehouse management software and connected to your ERP system.



# MODULAR FAST FLEXIBLE

*The LG-E shelving system for long-span goods is ideal for getting started with automated storage technology, and it comes at an attractive price.*

CLICK HERE TO SEE THE VIDEO:



# TECHNICAL DETAILS

## Storage dimensions

6.500 x 840 mm

## Effective payload per storage location

1.500 and 3.000 kg

## System height

up to 8 m

## Standard loading heights

155 mm (1.5 t),  
215, 250, 300, 350, 400, 450, 500 mm (1.5 t and 3 t)

## Max. number of storage locations

Single tower (1.5 t) = 30 storage locations  
Single tower (3 t) = 24 storage locations  
Double tower (1.5 t) = 58 storage locations  
Double tower (3 t) = 46 storage locations

## Building-supporting structure

No

## Connection to metalworking machinery

No

## Stations

Accessible from the long side

## Operation

Dead-man control, semi-automatic or fully automatic

## Stock management

integrated

## ERP connection

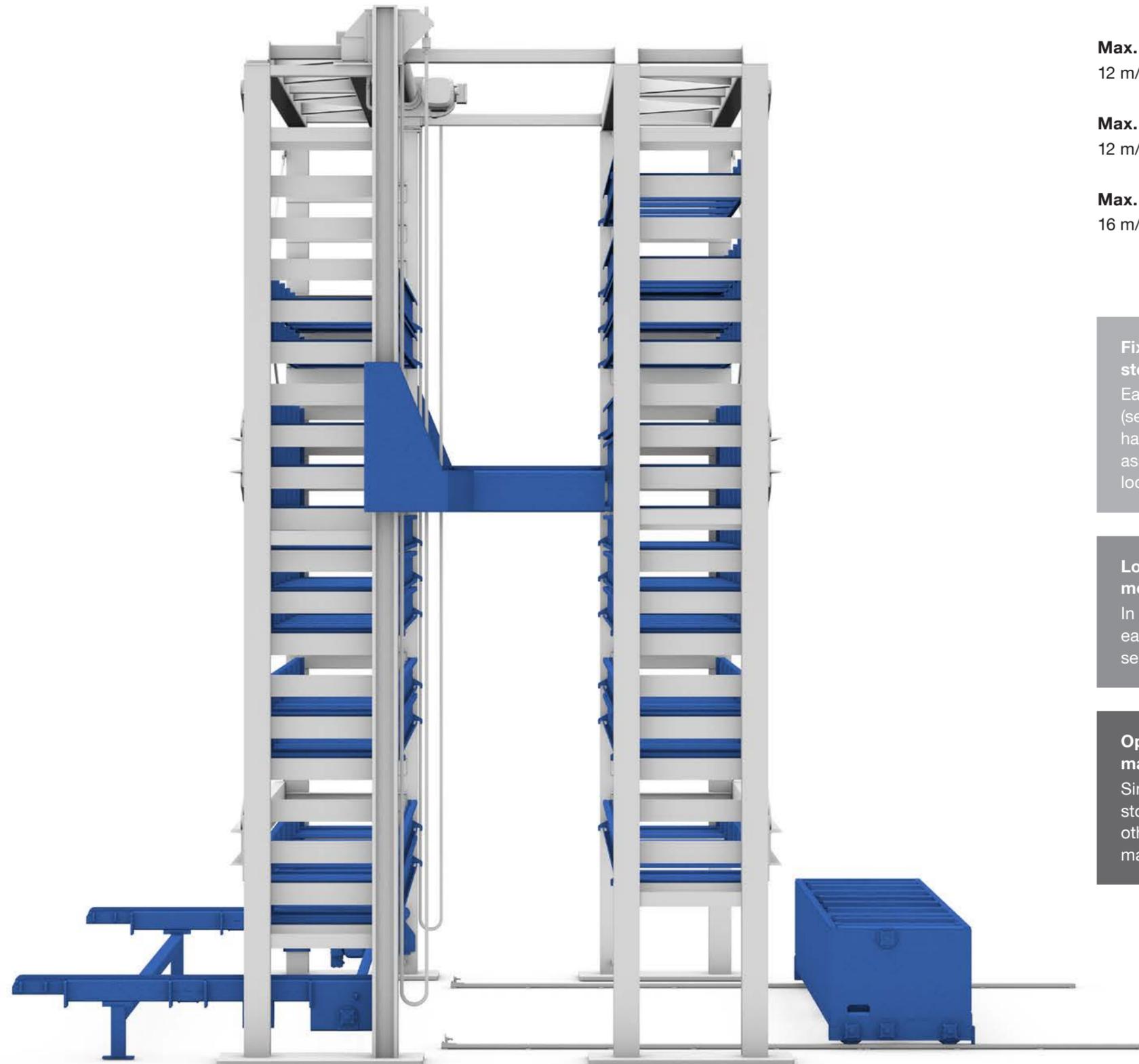
in connection with optional WMS

## Max. number of loading heights

3

## Max. lifting speed

16 m/min



## Max. pulling speed

12 m/min

## Max. speed of chain conveyer

12 m/min

## Max. speed of transport cart

16 m/min

### Fixed-position storage

Each cassette (see QR code) has a permanently assigned storage location.



### Load-independent height measurement of the lifting beam

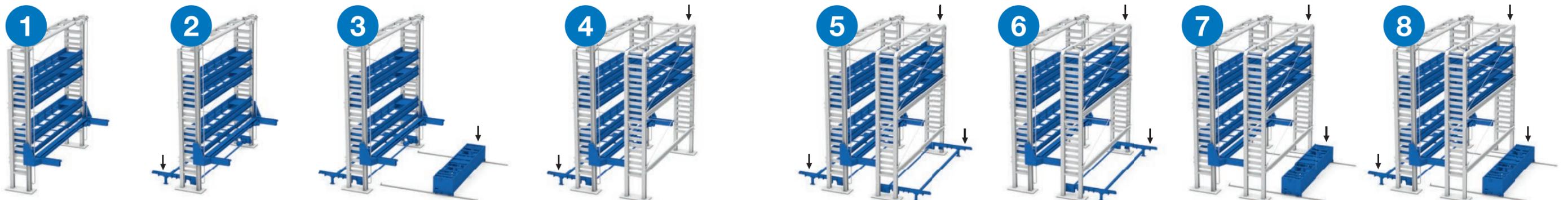
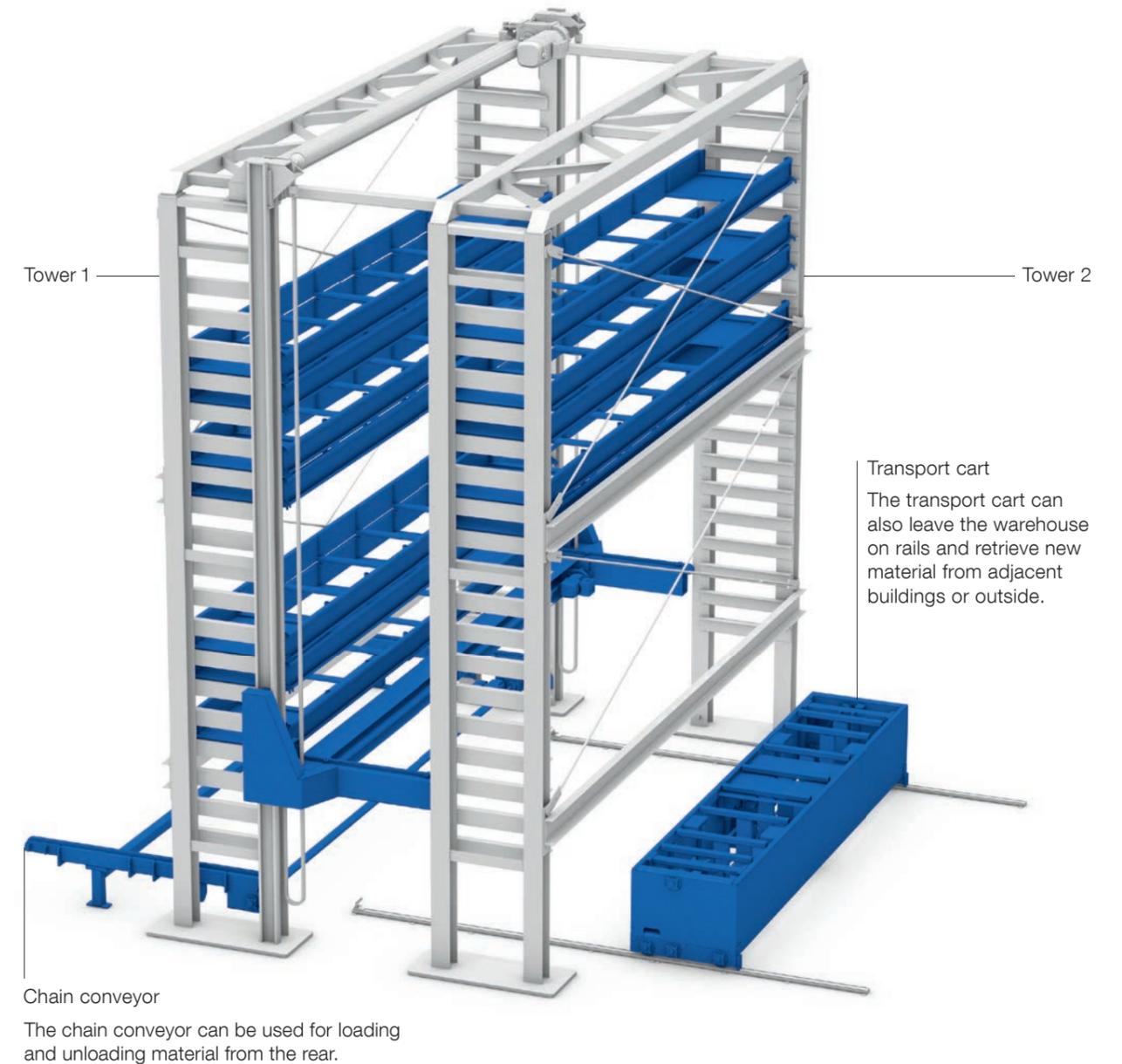
In a double-sided storage system, each side has a separate height sensor.

### Optional warehouse management software

Simple management of the material stock, automated transport jobs and other options (additional equipment may be necessary).

# EXPANSION OPTIONS

- 1 Standard version:** The smallest possible version consists of a single steel shelf tower, a lifting beam and a switchgear cabinet/console. The cassette can be raised by lifting gear to a convenient height for loading or unloading.
- 2 Addition of a chain conveyor in Tower 1:** A chain conveyor is added to the standard version.
- 3 Addition of a transport cart to Variant 2**
- 4 Addition of Tower 2 and of a chain conveyor in Tower 1:** This variant is based on the standard version, to which a second shelf tower is added. A chain conveyor is added to Tower 1.
- 5 Addition of Tower 2 and of chain conveyors on both sides:** Here each shelf tower has a chain conveyor.
- 6 Addition of Tower 2 and of a chain conveyor in Tower 2:** Like Variant 3 but with a chain conveyor in Tower 2.
- 7 Addition of Tower 2 and of a transport cart:** This variant is based on the standard version, to which a second shelf tower is added. There is a transport cart for the second tower.
- 8 Addition of Tower 2, a chain conveyor in Tower 1 and a transport cart for Tower 2:** A chain conveyor is added to Variant 6 (see above).



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## STOPA – AUTOMATED PREMIUM WAREHOUSE SYSTEMS

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STOPA is a leading manufacturer of automated parking systems and storage systems for sheet material and long-span goods in Europe. The product line ranges from stand-alone applications to integrated automated modules. With 50 years of experience in the field, with complex designs and over 2000 plants installed around the world, the independent company has developed unique expertise in terms of product quality, process reliability, process automation and software development.

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