

LOGIMAT®

Vertical Lift Module

The dynamic solution for the storage and picking of small parts.

The Vertical Lift Module, with its numerous basic functions and unique additional options, not only significantly improves the performance of warehouse processes, but also ensures the ergonomic and safe operation of the warehouse. As an autonomous system or as a module integrated into an automated application – the LOGIMAT is characterized by its universal usability.



- **Highly convenient** goods-to-person principle
- **Compact design** has economic and environmental advantages
- **Travel times reduced** by more than **70 %**
- Compared with static solutions, the Vertical Lift Module requires up to **90 % less warehouse space**
- Automated processes and ergonomic design **improve performance** by over **20 %**



The LOGIMAT offers numerous basic functions as standard and impresses as a high-performance storage and picking system.

Thanks to its scalable concept, the scope of functions of the LOGIMAT can be tailored precisely to the individual customer requirements. To complement the standard design, SSI SCHAEFER offers numerous options that expand the functions in terms of ergonomics, performance, and flexibility.

Boxes /
containersModular
shelvingLongspan
rackingPallet
rackingCantilever
rackingMezzanines /
platformsOn-line shelving /
KDR shelvingSemi-automated
solutionsLogistics
systems

Appendix



Exclusively from SSI SCHAEFER

- ▶ **LogiTilt** tilting mechanism of the tray for ergonomic retrieval of goods and reduced reaching depth
- ▶ **Touch user interface** with intuitive navigation
- ▶ For maximum utilization of the storage space, the **LMB** bin series of sorting accessories is optimized for a tray depth of 800 mm
- ▶ Innovative **tray design** with a focus on space and weight optimization

Compact

- ▶ Maximum use of the available height
- ▶ Visual, automated filling rate display
- ▶ Defragmentation and relocalization of the stored trays
- ▶ Stock addition sequence with fixed height for highly concentrated storage
- ▶ Stock addition sequence with intelligent height optimization (IHO)
- ▶ Storage of trays in 25 mm increments

Safe

- ▶ Automated monitoring of the storage bins ensures that the goods to be stored are within the permitted dimensions both horizontally and vertically
- ▶ Vertical shaft monitoring for checking possible tray protrusions before the elevator approaches to prevent unintentional access during storage or retrieval
- ▶ Predefined access rights to trays and functions
- ▶ Programmable logic controller (PLC)

Robust

- ▶ Modular design with standard components
- ▶ Low-maintenance system thanks to high-quality components and robust design
- ▶ Range of drive options for different requirements
- ▶ Elevator with a low-maintenance gear drive

Ergonomic

- ▶ Visual indication of the storage position by a laser pointer
- ▶ Continuous confirmation light barrier under the operating opening to optimize picking performance
- ▶ Up to four operating openings per Vertical Lift Module in any position
- ▶ The height of the tray output can be adapted to the height of the employee

Standard meets individuality

The LOGIMAT comes in a wide selection of standard model widths and depths.

Technical Data		
Usable tray dimensions (mm)	A width (mm) incl. paneling	B depth (mm) incl. paneling
1,825 x 625	2,370	2,712
1,825 x 815	2,370	3,092
2,025 x 625	2,570	2,712
2,025 x 815	2,570	3,092
2,425 x 625	2,970	2,712
2,425 x 815	2,970	3,092
2,825 x 625	3,370	2,712
2,825 x 815	3,370	3,092
3,025 x 625	3,570	2,712
3,025 x 815	3,570	3,092
3,225 x 625	3,770	2,712
3,225 x 815	3,770	3,092
3,625 x 625	4,170	2,712
3,625 x 815	4,170	3,092
4,025 x 625	4,570	2,712
4,025 x 815	4,570	3,092

- Minimum height:** 2,450 mm
- Maximum height:** up to 23,850 mm
in 100 mm increments
- Tray load capacity:** up to 700 kg
- Machine load capacity:** up to 60 tons
in standard design
(higher load capacity available upon request)



RAL 5014 (Pigeon blue)	RAL 9010 (Pure white)	RAL 7024 (Graphite grey)	RAL 7035 (Light grey)

Other colors available on request. Color deviations may occur due to monitor or printer settings.

Control & Software

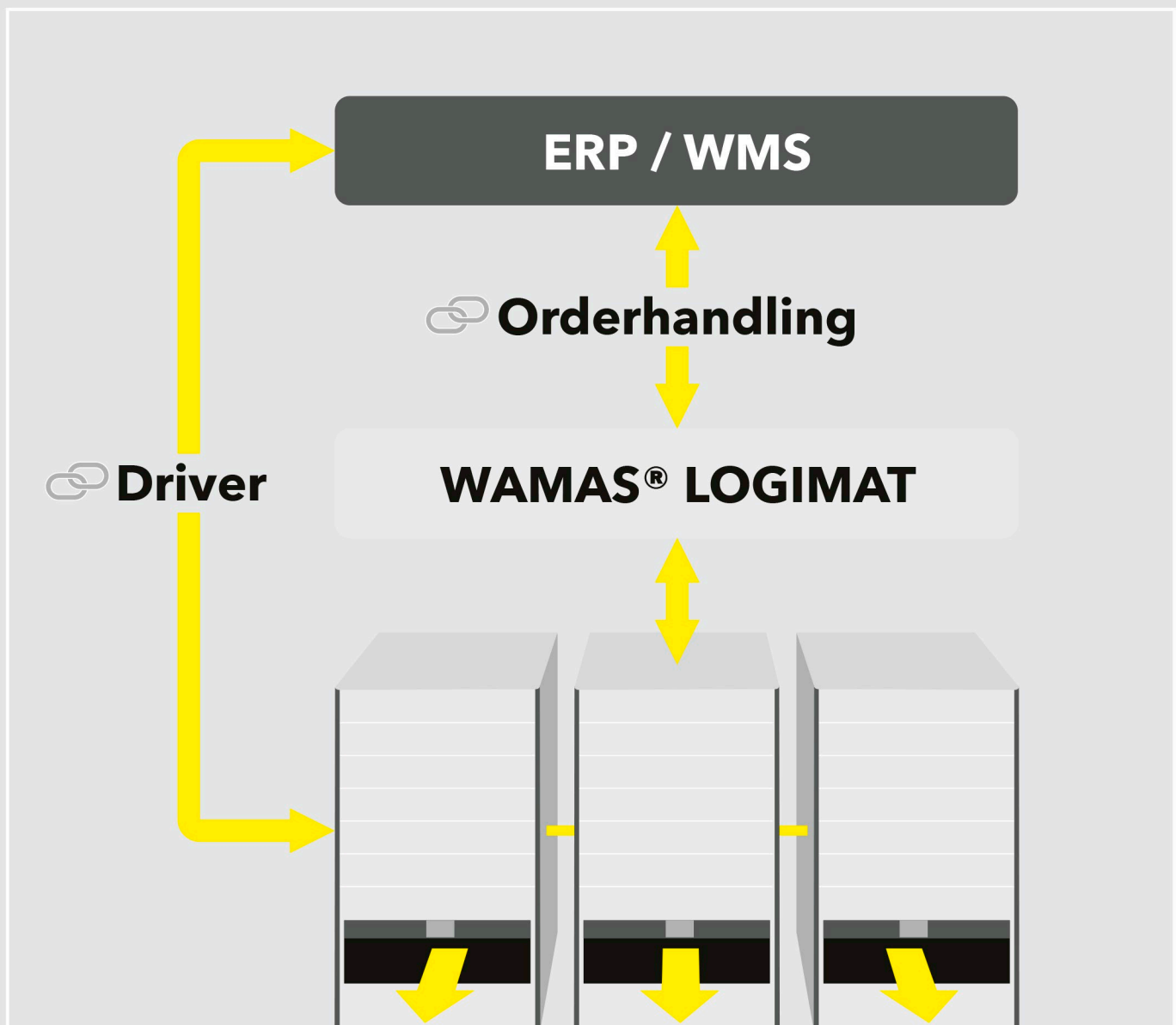
From simple applications to complex warehouse management

The LOGIMAT Vertical Lift Module is equipped with a standard controller (PLC). To connect the Vertical Lift Module to the customer's WMS or ERP system, there is a choice of the required interfaces and proprietary WAMAS® LOGIMAT software.

This means every project is based on a straightforward and reliable solution that can be individually tailored to the requirements of your logistical business processes with simple upgrades. Operation is easy with a self-explanatory touch panel user interface.

Your Benefits

- ▶ **Streamlined warehouse processes** for picking and replenishment
- ▶ **No unnecessary actions**
- ▶ **Simple Integration** into existing processes
- ▶ **Minimization of errors**
- ▶ **Scalability**
- ▶ **Intuitive user interface** with touch panel




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