



Measuring and Process Systems

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The  Group



LAS

Loading Automation System

Keep in Motion



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BV-P 2044 GB

LAS Loading Automation System

Tailored Automation of Logistics Saves Time and Costs



Smooth production processes imply a well organized material flow. For the required materials to be available at the right location at the right time, an efficient material transport and storage concept cannot be dispensed with. Closely related to production, an overall logistical concept manages the material transport to the company and down to the final customer (procurement and sales markets).

Realizing huge saving potentials

When it comes to the transport of goods via truck, railway or ship, more and more renowned companies bet on LAS. This logistical system combines freely configurable modules of most modern cut to form a logistical process chain that pays off in many respects.

Assuring quality - avoiding errors

Optimally tuned to one another, all process steps are clear, reliable and retraceable in every second. Errors are avoided and the logistical processes can be fully documented. Easy-to-follow and available for reuse at any time.

Tailored solutions that pay off

LAS uses components tailored to any existing infrastructure. Operated by the driver single-handedly, touchless ID cards and terminals open all gates as by magic. Control systems activate and define loading and unloading processes with almost no need for operator intervention. LAS saves valuable resources every hour wherever it really pays off.

Efficiently increasing quality

A system is efficient only if it blends easily into the special logistical context. To ensure this down to the last T, LAS offers a variety of modules that can be configured according to choice and enable the system to be optimally adjusted and integrated into existing structures and plants.



Flexible, compatible and anticipating the future

In addition to many standard options precisely tuned to one another, extensions are offered for every variant - optimally configured and adjusted to individual structures and processes. For today's and tomorrow's requirements.

Your Benefits

Saving time

- ☑ Loading round the clock (24 x 7) – also outside regular working hours
- ☑ Loading accelerated through exactly defined processes
- ☑ Instructions automatically and promptly available
- ☑ Electronic data input and printout (bills of lading) automatically without delay
- ☑ Automatic data exchange with various host systems (e.g. SAP)

Assuring quality, avoiding errors

- ☑ Loading without operator intervention
- ☑ Avoidance of false loads and material mix
- ☑ Maintenance-free components
- ☑ Operator guidance in national language

Increasing efficiency

- ☑ Defined working processes perfectly tuned to one another
- ☑ Fault-free documentation
- ☑ Flexible design tailored to the specific application

Cutting costs, maximizing profits

- ☑ Competitive head start through advanced technology
- ☑ Profit optimization through ideally adjusted processes
- ☑ Reduced operating costs in the fields of load-out and dispatch
- ☑ International service and support network

LAS Loading Automation System

Hardware Functions

Disposition and Control

Data Management

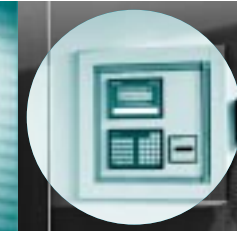
Disposition on commercial PC systems integrated into existing network. Extensible at will through client-server architecture.

- ☑ PC system

Self-service Disposition

Complete order disposition through the driver. Simple menu-guided touch screen operation.

- ☑ Self-service disposition terminal



Self-service Weighing
Single-handed input/output weighing through the driver.
☑ Self-service weighing terminal

Registration

Park Management

Infoboards suggest the way to the loading point.

- ☑ Infoboards

Traffic Control Elements

Signals, gates, light barriers and inductive loops control the traffic.

- ☑ Traffic control



Identification

Weight Acquisition

Legal-for-trade weighing upon entrance/exit or at the loading point.

- ☑ Weighing electronics

Access Control

The touchless ID card opens all gates. Every step is recorded complete with date and time.

- ☑ Access terminal



Loading/Unloading

Loading/Unloading

Same ergonomics and operation for continuous and discontinuous weighing systems.

Single-handed load-out through the driver.

- ☑ Loading terminal



Handling

Parceled Goods

Acquisition of bag quantity, recording of incoming and outgoing pallets. Easy menu-guided touch screen operation.

- ☑ Parceled goods terminal

Delivery Notes

Automatic preparation of loading tickets (single sheet or form set).

- ☑ Ticket printer



LAS Loading Automation System

Software Equipment



Software Equipment

DispoExplorer

Lets you prepare transport and delivery orders and store them for further processing.

WeighManager

Automatically controls input and output areas with legal-for-trade weighing.

SelfDispoExplorer

Lets the truck driver insert his ID card for complete single-handed disposition of transport order.

LoadingManager

On-line and off-line terminals let you load loose material into road tankers, hoppers and other types of container.

Off-line loading terminals

Transfer loading data using touchless ID card

On-line loading terminals

Enable direct data exchange via PC network gateway

ParceledGoodsManager

Lets the forklift driver control parceled goods load-out - perfectly integrated into functional processes.

ContainerManager

Lets you determine all container movements and acquire the residual amount of material in container just in time; enables input/output weighing using container number.

ParkManager

Lets you control plant entrance in order to avoid load-out congestion. When a parking is free, new truck is called in.

IDocker

Enables data exchange with various host systems (e.g. SAP).

Reports/evaluations

Lets you print all master data sorted by defined criteria, output data on monitor and/or printer in form of a file and transfer data to MS Excel, etc.