STEINBOCK

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ORDER PICKING

narrow aisle turret

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STEINBOCK

Systems Approach to Warehouse Logistics

INNOVATIVE • ECONOMICAL • RELIABLE

Innovative engineering must incorporate creative design with functionality and maintenance. On the one hand, the vehicles must meet rigorous industrial standards, while on the other they must be flexible enough to meet the space and material transport requirements of the individual customer. Introducing the compact, powerful, maneuverable – and above all adaptable EK series of Man-Up Turret Trucks.

EK 2000, EK 1500, EK 1350, EK 1300, EK 1200, EK 1100.

The perfect solution for unit load storage and individual article order selection. Since the operator rides up with the load to the desired storage location, he is afforded an equally good view of the load and its rack destination. Thanks to a thorough design concept and modular engineering, the adaptation to customer specific transport needs are made simple. The EK series offers optimum space utilization. EK models start with a minimum frame width of only 39.4“ and can handle lift heights of over 55 ft. Capacities range from 2425 lbs thru 4400 lbs.

An ergonomically designed vehicle fitted with a spacious operator cabin is built for peak and enduring performance. Cutting edge technology keeps the EK operating at peak performance with minimum maintenance costs. Many different operator style consoles and cabins are available to suit the application.

Allow us to Compare!

AND PROVIDE A CUSTOM SOLUTION FOR YOUR APPLICATION !

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7 MODELS TO MEET YOUR NEEDS

EK 1100

Capacity to 2425 lbs.
Lift Heights to 355“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
48 Volt or 80 Volt

EK 1200

Capacity to 2645 lbs.
Lift Heights to 394“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
48 Volt or 80 Volt

EK 1300

Capacity to 2865 lbs.
Lift Heights to 394“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
48 Volt or 80 Volt

EK 1350

Capacity to 3000 lbs.
Lift Heights to 472“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
80 Volt

EK 1500

Capacity to 3300 lbs.
Lift Heights to 590“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
80 Volt

EK 1500 XL

Capacity to 3300 lbs.
Lift Heights to 670“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
80 Volt

EK 2000

Capacity to 4400 lbs.
Lift Heights to 590“
2 Stage or 3 Stage Masts
SEM or ~AC Technology
80 Volt

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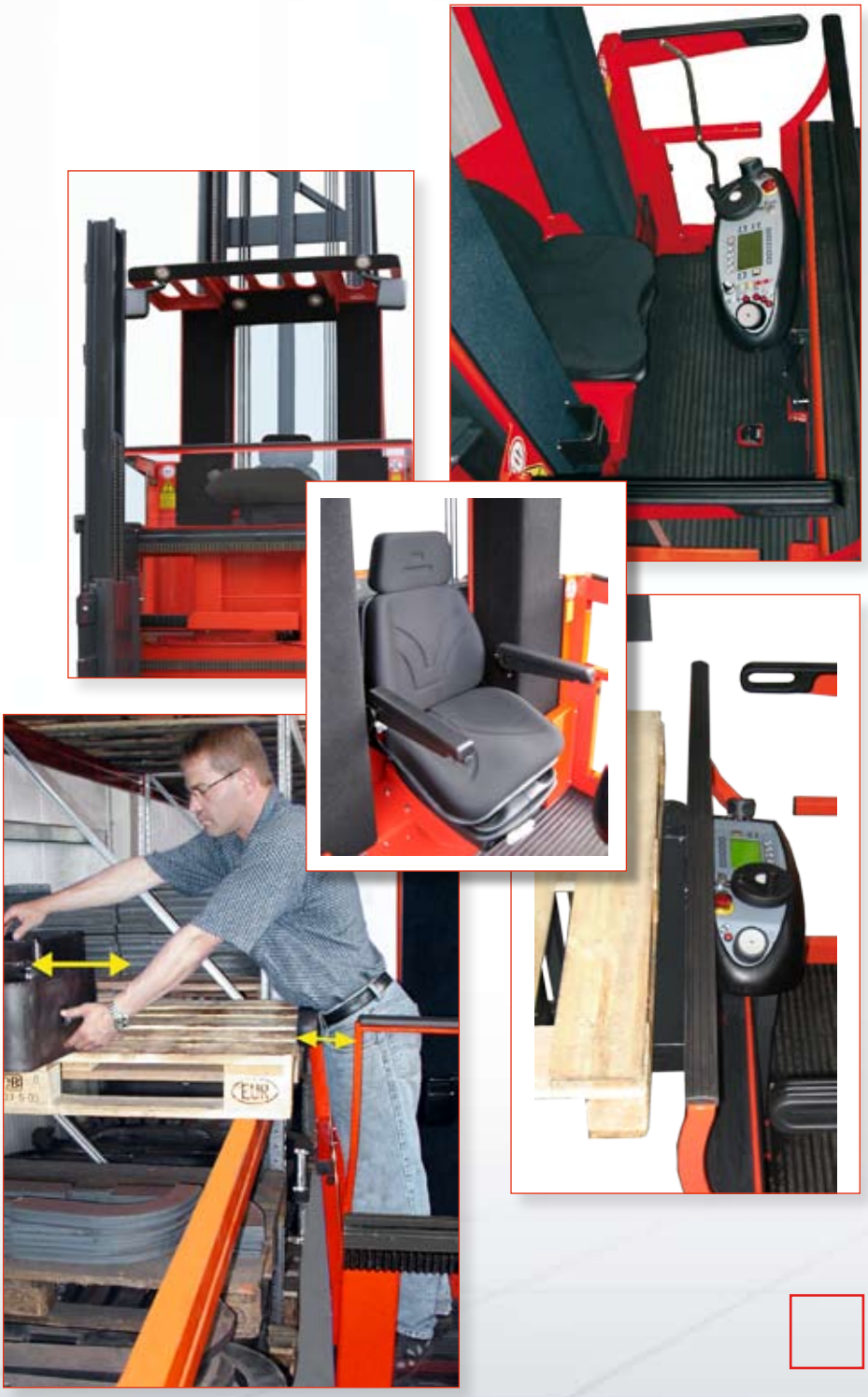
STEINBOCK

Ergonomical and Comfortable

COMFORTABLE • SAFE • EFFICIENT



A comfortable and safe work environment enhances operator efficiency. The spacious cabin, carpet covered walls, thick cushioned floor, and built-in document / tool holders provide the basics and also allow for a large range of movement for the order picking process. The multifunctional control console houses an easy to read graphics display and the easy reach operational controls. The layout of the control center is intuitive and simple to understand. The enclosed secure cabin protects the operator from harm. Naturally the control center can be reached from a standing or sitting position. The control center is positioned to suit the individual operator. An extensive list of available options include a choice of seats with features such as air cushioned, lumbar adjustable support with tilting arm rests, downward folding seat cushion with standing operator back support and more.

A large rear cabin window and angled motor compartment give an operator excellent visibility.

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FOR EVERY REQUIREMENT – THE RIGHT CONSOLE

Console with twist controls

Modern and ergonomic with rotation controls (standard version)

Console with thumb controls

Modern and ergonomic with support - stationary handles with thumb controls (standard version)

Operation with Joy Stick Controls

Standard Version Select the standard version to suit your operation

Multifunction Control Handle

Fast operation with single control handle

Options:

- PIN-Code-Access
- Service interval indication
- CAN-Bus connection for external input devices
- Lift height indication with positioning system
- Color display (standard -all consoles)

Split operational console next to the seat

Clear access for order picking & front walk-thru cabin

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STEINBOCK

Computer optimized for maximum productivity

STRONG • LIGHT WEIGHT • ECONOMICAL

Mast in SGO-Construction:

The patented design provides for maximum stability while maintaining lower production weights. This allows greater lift heights and higher performance, while minimizing energy consumption. The specially designed stronger yet lighter weight mast ensures that the trucks center of gravity remains low for better stablity. Two stage and three stage masts both provide excellent visibility through the unique bracing system. The three stage mast is also available with or without a full free lift option.

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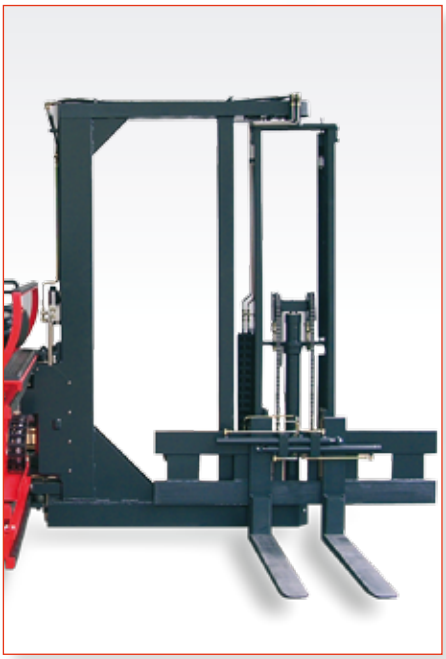
SPECIFIC SOLUTIONS FOR DIFFERENT LOAD HANDLING REQUIREMENTS



The 180 degree rotating fork (turret) attachment is the most popular and most flexible attachment. Styles include designs for very heavy duty applications – including very long, wide or heavy loads. We offer a turret attachment that is built to suit the application.

The Telescopic Fork Attachment can operate in smaller aisles, but must use single sided or skid type pallets and cannot pick up or deposit from the floor.

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STEINBOCK

The EK series trucks

are designed to suit the individual application

COMPACT • WIDE • NARROW • HIGH

The EK series trucks maximize your storage by providing chassis and attachments specifically built to fill your needs. Short, long, wide, or narrow frames to match your load and aisle requirements. Cabins and chassis are built to exact specifications – so that the best possible space utilization is achieved.

Dual Load Wheel option available to lessen floor pressure and provide a smoother ride.

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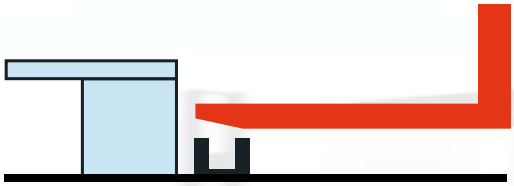
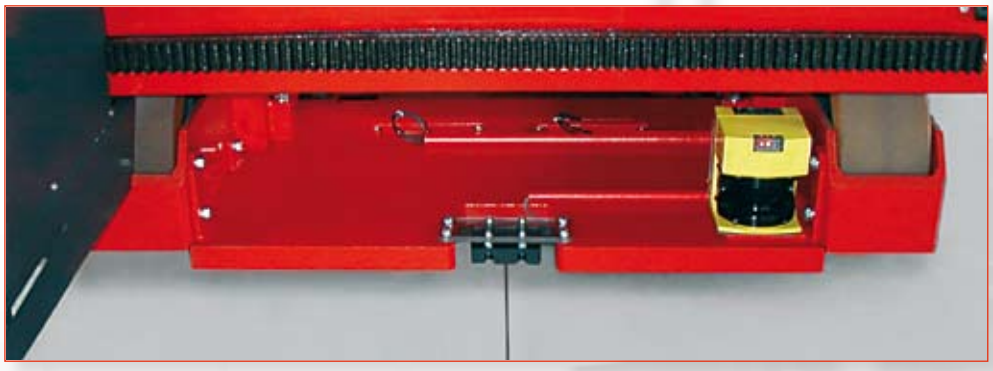
SAFE GUIDANCE OPTIONS FOR HIGH SPEED OPERATION

RAIL GUIDANCE • WIRE GUIDANCE

Both rail and wire guidance systems are proven tracking methods for narrow aisle vehicles. The application normally determines the guidance method. Special low profile guide rails offer handling of skid type pallets from the floor.



Rail guidance for top speeds in the smallest aisles



A wire guided truck does not require the use of guide rails and provides a clear ailse with floor placement of loads

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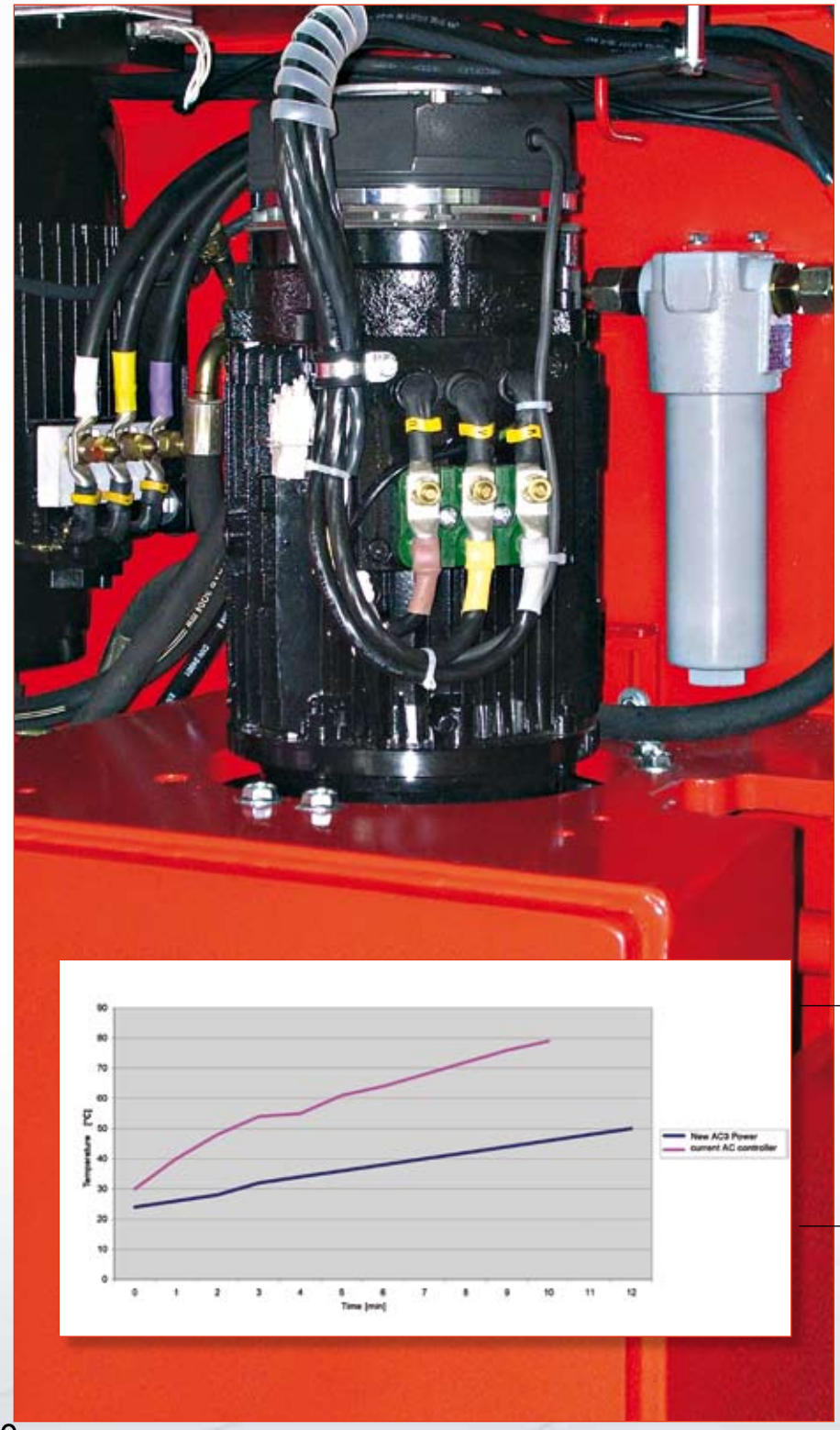
Well protected

sophisticated control system

ECONOMICAL • PRECISE • SERVICE FRIENDLY



All EK series trucks, from the small EK 1100 to the heavy duty EK 2000 are available with SEM or ~AC controls. The EK 1100 and EK 1200 are available with either 48V or 80V electrical systems, and the larger models are all 80V units. Minimum energy usage, high throughput and a long life cycles are very important. The operational controls are therefore critical. The EK series demonstrates the use of the latest technology available in forklift design, to allow the use of lighter chassis, while actually increasing vehicle stability. This provides the best possible use of energy consumption and maximizes operational cycles, allowing these trucks to operate with smaller batteries – or last longer per battery cycle.

Highlights

- 4th Generation AC-Technology, 40% less heat loss
- Microcontroller with “Solid State Technology“

Options:

- GSG2-Controller for linear speed profiles with weight acquisition and programming of different lift cut out
- RFID-Technology
- Diagnosis by GSM

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OPTIMUM PROTECTION AND ACCESSIBILITY

Controls can be accessed without truck specific tools or software. All models have the same electronic components and interface points achieving exceptional parts interchange ability for best possible parts and service support. The open design allows for customizing and upgrades – even years after the vehicles have been in operation.

Accessible Motor Compartment

Thick steel doors protect vital components and your investment.

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STEINBOCK

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NARROW AISLE TRUCK

for every application