Standard Equipment

- Modular designed trucks for professional customization
- Operators compartment
  - operators cabin "comfort" for easy standing or sitting driving
  - Height and length adjustable and weatherproof seat
  - Suspension mounted cab to absorb shocks and vibrations
  - Very soft and comfortable platform surface
- Steering handle
  - Truck access via key
  - Low step on height for easy on and off
- Control panels
  - Split control for order picking or full pallet handling
- Braking systems:
  - Electric regenerative braking automatically actuated as the accelerator is released or opposite direction of travel is selected
- Various comfort and adjustable seat options
- LSC with load recognition, load sensor or weight and load

Option Equipment

- Throughput
  - LSC standard
  - Synchromesh lowering
  - Energy recovery when braking and lowering the cabin
- Mask tools
  - 1 head or bionic tools
- Motors
  - 7 kW drive motor
- Gear rack cover of L-Head
- Electronic verification for battery lock
- Battery carrier
- Battery roller for lateral change
- Batteries
  - Forklift battery (component) trolley
  - Battery roller for lateral change
- Battery charger
  - Automatic start-up for battery tools

Safety

Safety

- The new K range is a very versatile, dual purpose combi truck VNA system truck designed for high density storage and retrieval of small, as well as order picking in very narrow aisles. With its modular, superfunctional cabin in the K range, provides an environment in which the operator can work in complete comfort and safety.

Performance

- The intuitive panel control layout makes easiest
  - throughout with minimal hand movements. The operator can check the truck's status via the multifunctional display in the control panel. Designed for low energy consumption, the K truck also returns energy to the battery during braking and main motor (full lowering).

Comfort

- With the new K trucks superb cabin layout the operator feels immediately at ease and acclimatized. With generous space for freedom of movement, the cab offers a comfortable operational environment for fatigue-free working and promotes optimum efficiency and productivity.

Reliability

- Those ruggedly constructed, high quality trucks combine with advanced technology and Linde's vast experience in very narrow aisle applications to ensure optimum reliability and durability. Integrated diagnostic CAN bus technology monitors maintenance intervals.

Productivity

- The unique modular design ensures that an individual K truck's specification can be tailored to match the application perfectly in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck's technical potential in order to deliver optimum performance. Lift and travel speeds relate to lift height and load weight.

Linde System Control (LSC)

- XLC-Standard: Dynamic diagram of control potential, depending on the actual lifting height
- XLC-Load recognition: Optimization of DHD, sequencing, rapid lift
- XLC-Load recognition: Optimization of DHD, sequencing, rapid lift, binning
- XLC-Load recognition: Optimization at weight. Levels 1-8, shift operations according to the load weight

Modular Design

- Unique modular design concept that allows for the perfect specification for each application
- Confirmation of different lift and drive options (light, normal, heavy-duty)
- Faster operation times (from 60 to 120 sec)
- Faster option for picking or storage as required use
- Various comfort and adjustable seat options

Features

- 4 different cabins available
  - Cubic, combined picking/palleting
  - Track control for sequential operation
  - Combined cab lift / deflection
  - Cold water cylinder (50 degrees)
  - Reduced shock and vibrations due to the isolation of the cab
  - Easy and clear line of sight
  - Various comfort and adjustable seat options

Modular concept

- Cubic cabin
  - Z-circle: standard
  - Z-circle: optional
  - Z-circle: combined
  - A-series: lift or driving

Combination of different lift and drive options

- Alternative standard and triplex masts
- Combination of different lift and drive options

Capacity up to 1.500 kg

Linde Material Handling GmbH
Postfach 100136, 63701 Aschaffenburg, Germany
Phone: +49.6021.99-0, Fax: +49.6021.99-1570, www.linde-mh.com, info@linde-mh.com

Modular very narrow aisle (VNA) dual purpose combi truck

Series: 2011

Safety
- LSC standard
- Synchromesh lowering
- Energy recovery when braking and lowering the cabin

Features
- LSC-Standard: Dynamic diagram of control potential, depending on the actual lifting height
- XLC-Load recognition: Optimization of DHD, sequencing, rapid lift
- XLC-Load recognition: Optimization of DHD, sequencing, rapid lift, binning
- XLC-Load recognition: Optimization at weight. Levels 1-8, shift operations according to the load weight

Modular Design
- Unique modular design concept that allows for the perfect specification for each application
- Confirmation of different lift and drive options (light, normal, heavy-duty)
- Faster operation times (from 60 to 120 sec)
- Faster option for picking or storage as required use
- Various comfort and adjustable seat options

Reliability
- Those ruggedly constructed, high quality trucks combine with advanced technology and Linde’s vast experience in very narrow aisle applications to ensure optimum reliability and durability. Integrated diagnostic CAN bus technology monitors maintenance intervals.

Productivity
- The unique modular design ensures that an individual K truck’s specification can be tailored to match the application perfectly in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck’s technical potential in order to deliver optimum performance. Lift and travel speeds relate to lift height and load weight.

Linde System Control (LSC)
- XLC-standard: Dynamic diagram of control potential, depending on the actual lifting height
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift, binning
- XLC-load recognition: Optimization at weight. Levels 1-8, shift operations according to the load weight

Modular Design
- Unique modular design concept that allows for the perfect specification for each application
- Confirmation of different lift and drive options (light, normal, heavy-duty)
- Faster operation times (from 60 to 120 sec)
- Faster option for picking or storage as required use
- Various comfort and adjustable seat options

Reliability
- Those ruggedly constructed, high quality trucks combine with advanced technology and Linde’s vast experience in very narrow aisle applications to ensure optimum reliability and durability. Integrated diagnostic CAN bus technology monitors maintenance intervals.

Productivity
- The unique modular design ensures that an individual K truck’s specification can be tailored to match the application perfectly in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck’s technical potential in order to deliver optimum performance. Lift and travel speeds relate to lift height and load weight.

Linde System Control (LSC)
- XLC-standard: Dynamic diagram of control potential, depending on the actual lifting height
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift, binning
- XLC-load recognition: Optimization at weight. Levels 1-8, shift operations according to the load weight

Modular Design
- Unique modular design concept that allows for the perfect specification for each application
- Confirmation of different lift and drive options (light, normal, heavy-duty)
- Faster operation times (from 60 to 120 sec)
- Faster option for picking or storage as required use
- Various comfort and adjustable seat options

Reliability
- Those ruggedly constructed, high quality trucks combine with advanced technology and Linde’s vast experience in very narrow aisle applications to ensure optimum reliability and durability. Integrated diagnostic CAN bus technology monitors maintenance intervals.

Productivity
- The unique modular design ensures that an individual K truck’s specification can be tailored to match the application perfectly in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck’s technical potential in order to deliver optimum performance. Lift and travel speeds relate to lift height and load weight.

Linde System Control (LSC)
- XLC-standard: Dynamic diagram of control potential, depending on the actual lifting height
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift
- XLC-load recognition: Optimization of DHD, sequencing, rapid lift, binning
- XLC-load recognition: Optimization at weight. Levels 1-8, shift operations according to the load weight

Modular Design
- Unique modular design concept that allows for the perfect specification for each application
- Confirmation of different lift and drive options (light, normal, heavy-duty)
- Faster operation times (from 60 to 120 sec)
- Faster option for picking or storage as required use
- Various comfort and adjustable seat options

Reliability
- Those ruggedly constructed, high quality trucks combine with advanced technology and Linde’s vast experience in very narrow aisle applications to ensure optimum reliability and durability. Integrated diagnostic CAN bus technology monitors maintenance intervals.

Productivity
- The unique modular design ensures that an individual K truck’s specification can be tailored to match the application perfectly in order to maximize productivity at all times. The smart electronics of Linde System Control (LSC) continuously monitors the truck’s technical potential in order to deliver optimum performance. Lift and travel speeds relate to lift height and load weight.
### Technical Data according to VDI 2198

<table>
<thead>
<tr>
<th>Specification</th>
<th>Example A</th>
<th>Example A.3</th>
<th>Example A.2</th>
<th>Example A.2.2</th>
<th>Example A.3.2.2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Load capacity</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service weight</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1996</td>
<td>5900</td>
<td>3584</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lifting speed, with/without load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>68</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Turning radius</td>
<td>250</td>
<td>600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fork height, lowered</td>
<td>24</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Height of mast, lowered</td>
<td>1585</td>
<td>2555</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise level at operator's ear</td>
<td>8156</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall length</td>
<td>1240</td>
<td>2368</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axle load without load, front/rear</td>
<td>2230</td>
<td>470/640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axle load with load, front/rear</td>
<td>480</td>
<td>25ybriden/6690</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reach speed, with/without load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1160/1450</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyre size, front</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>370x160</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyre size, rear</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>360x140</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fork height</td>
<td>999</td>
<td>1300</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Head width</td>
<td>1160/1450</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Width of fork carriage</td>
<td>1240</td>
<td>2368</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Head width, stand-on platform</td>
<td>14355</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power unit</td>
<td>3300</td>
<td>6600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microprocessor</td>
<td>7200</td>
<td>13000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery</td>
<td>2924/7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage/rated capacity (5h)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regenerative</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service brake</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Head width, warehouse (m)</td>
<td>12245</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall length</td>
<td>1240</td>
<td>2368</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axle load without load, front/rear</td>
<td>2230</td>
<td>470/640</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Axle load with load, front/rear</td>
<td>480</td>
<td>25ybriden/6690</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reach speed, with/without load</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1160/1450</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyre size, front</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>370x160</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tyre size, rear</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>360x140</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
- 1) Delta Q = 100 kg; from 500-1500 kg with L-Head model and from 500 - 1300 kg with K-Example 0,7
- 2) Figures with battery, see line 6.4/6.5.
- 3) Step for b2; 50 mm from 1160 - 1800 mm
- 4) Step for b7; 25 mm from 1160 - 1800 mm
- 5.10

### Diagrams:
- Technical drawings with loading, view front & rear
- Technical drawings with loading, view front & side
- Technical drawings with loading, view front & top
- Technical drawings with loading, view left & rear
- Technical drawings with loading, view left & front
- Technical drawings with loading, view left & side
- Technical drawings with loading, view left & top
- Technical drawings with loading, view top & rear
- Technical drawings with loading, view top & front
- Technical drawings with loading, view top & side
- Technical drawings with loading, view top & view left
- Technical drawings with loading, view top & view front
- Technical drawings with loading, view top & view side
- Technical drawings with loading, view top & view top