1.0 - 3.5 ton
DIESEL and GASOLINE FORKLIFT TRUCKS
AX50 / BX50 Series
Walk Around

Destined Evolution

**Workability**
- Smooth starting even while performing stationary steering
- Easy lifting without revving up engine
- Free stationary steering to change steering direction with light effort
- Thoughtful consideration of comfortable operation

**Ecology**
- EPA Tier3/EU Stage IIIA Compliant Diesel Engine
- Powerful lift truck with lower fuel consumption

**Safety**
- Operator Presence Sensing System
- Superior Visibility

**Comfort**
- Dual ‘Floating’ Structure
- Wide Floor and Open, Non-slip Step
- Increased Operator Head Clearance (BX50 Diesel)

Komatsu AX50/BX50 Series that reviewed the performance required from a lift truck has unrivaled performance and functions clearly different from those of competitors. Increased safety, reduced total lifetime costs, high operability with less fatigue, and environmental performance carefully considered.

You will certainly be satisfied with Komatsu’s unique benefits. These features will be the true standard for the future, providing increased satisfaction on the job.
Satisfying high workability and environmental performance required by the jobsite

Excellent lifting performance to speed up work

Super Lift Hydraulic System

The tandem pump operates the power steering and the lifting equipment independently. Komatsu’s hydraulic technology lifts the cargo at about double the lift speed of the previous model when idling. The truck also features fine adjustments for the work position and superior operability of attachments when idling.

Excellent starting performance even at a jobsite where stationary steering is often required

Super Lift Hydraulic System allows operators to perform stationary steering and start the truck smoothly without straining. The power steering is highly appreciated at jobsites where stationary steering is often required.

Kanatsu Reliability

Komatsu’s unique designs have further extended the life span of the truck. With the new frame structure and changes to the motor position and superior operability of attachments when idling.

Exceptional Heat Balance

The bell-shaped counterweight opening and fan improves cooling performance by increasing the airflow of cooling air. The unique shape of the counterweight opening also enhances reliability during heavy operations. The mainframe between frames (MFR) has been restructured for 40% plus. Maintenance and repair costs are minimized by extensive testing and quality inspections under different operating environments.

Travel control as intended

Small diameter steering wheel and fully hydraulic power steering mechanism.

The small diameter steering wheel provides 100% stationary steering and switch backs. The superior responsiveness of the steering wheel optimizes maneuverability even in narrow spaces. Its smooth steering and fingertip control.

EPA Tier3 and EU Stage 5A compliant diesel engines

Diesel engines that incorporate Komatsu’s advanced engine technologies feature excellent environmental performance and conform to the world’s newest EPA Tier3 and EU Stage 5A emission regulations.

Powerful engine with low fuel consumption

Thanks to the EPA Tier3 and EU Stage 5A compliant engine and the Super Lift Hydraulic System*, fuel consumption is reduced and powerful performance is realized. Fuel consumption is further improved by ECO* and CO2 emissions are also reduced.

* The Super Lift Hydraulic System is available on the BX50 Series.

*2 Measurements of test conducted on Komatsu test course,

*1 The Super Lift Hydraulic Systems available on the BX50 Series.
Comfort and safe design pursued thoroughly from the viewpoint of operators

Less fatigue even after long work periods

**Suspender Cab**
The suspension cab design reduces travel vibrations by 30%, compared with the former truck.

**Power Train Floating**
The power train floating structure cuts operator fatigue substantially, by limiting vibrations from the operation systems.

**New Operator’s Suspension Seat**
The operator’s seat is equipped with an all new suspension system and remodeled cushion and dampers. This improved seat design makes the operator’s body firmly in place for greater comfort and less fatigue during extended operations.

- Seat cushion adjustment dial
- 170mm slide distance backward and forward
- Seat cushion adjustment
- The seat belt

**Wide Floor and Open, Non-Slip Step**
The wide, flat floor accommodates the tilt cylinder under the floor. Suspended (type) pedals are used to provide extra foot space, which significantly reduce operator fatigue. The wide, open-center, non-slip step-to-seat-curved fender makes getting in and out easy and safe.

Safety design to prevent careless mistakes

**Operational Presence Sensing System** (Lifting/Traveling Interlocking Mechanism)
The Operator Presence Sensing System is a safety option that only allows lifting operations when traveling when the operator is seated. The alarm is activated once the operator leaves the seat. The interlock is a double safety feature that becomes activated even when the operator returns to the seat. The interlock can only be released by returning the respective levers to a safe position.

**A Neutral Safety Function for Preventing a Sudden Start**
Neutral indicator for at-a-glance information.

**Dual 'Floating' Structure**
Komatsu’s original suspension cab design has evolved. The wide-set front mounts and high position rear mounts allow the entire cab to float on the chassis. The power train floats the engine and transmission on the frame, and一举はさせるとa safe engine and robust suspension is created. The combined technology of both of these Komatsu designed systems further reduce the vibrations transmitted to the seat, foot, steering wheel and control lever, as well as the operator’s seat. Therefore, ultimately improving operator comfort and cargo safety.

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**Easy rear confirmation**
The wide-angle center mirror provides a clear sight area for safety travelling.

**Superior Visibility**
The mast rail section has been flattened and the inside width expanded for superior from visibility. With the lowered position of 2-stage mast center cylinder and the tilt stop, plus the inclined backrest, front visibility is improved, and blind spots are reduced.

The size and layout of the dashboard and meter panel are significant.

**Safe Travel in Reverse**
The upper corners of the counterweight are inclined to improve visibility. The edge of the counterweight, which is visible from the operator’s seat, is designed to provide better visibility when controlling direction while reversing.

The wide rail section of the counterweight is designed to prevent hot air from blowing onto the operator while reversing. The tail pipe has also been repositioned and is now located at the bottom point of the counterweight. This improves driver comfort and prevents stains that are caused by exhaust gas.
### Specifications

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<tr>
<th>Class</th>
<th>Engine Type</th>
<th>Capacity</th>
<th>Power (HP)</th>
<th>Torque (lb-ft)</th>
<th>Fuel Consumption (gph)</th>
<th>Exhaust Gas</th>
<th>Transmission</th>
<th>Final Drive</th>
<th>Hydraulics</th>
<th>Steering</th>
<th>Control Function</th>
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<tbody>
<tr>
<td>Class 2, A</td>
<td>Komatsu 4D94LE</td>
<td>12/64</td>
<td>705</td>
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<td>Foot/Hydraulic</td>
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<tr>
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</tr>
</tbody>
</table>
### Optional Specification Truck

**LPG Specification Truck**

Komatsu offers both single-fuel (LPG) and dual-fuel (LPG and Gasoline) systems for the LPG Specification truck. The truck has superior fuel consumption, the service life of the engine oil, filters, and parts are extended, and the engine delivers steady combustion exhaust green. Cold starts are possible even in temperatures as low as -9°C.

**Dual fuel (LPG and Gasoline) systems**

Komatsu offers both single-fuel (LPG) and dual-fuel (LPG and Gasoline) systems for the LPG Specification truck.

**High performance model (H type)**

In addition to the normal dual fuel (LPG and Gasoline) systems, this is also applicable for both the LPG and Gasoline Specifications.

### Dust Proof Specification

This truck is suitable for the handling of powdered products such as cement, secondary products, ceramics, and flour millings, or for operations in similar dusty conditions. Waterproofing, sealing, and anticorrosion coatings significantly improve the durability of the exterior, parts, and the brake system under salt-water conditions.

### Fishery Specification

The LPG cylinder is easily installed for loading operations on inclined surfaces.

### Options

**Steel Cabin**

The steel cab provides superior comfort and protection from various environments, moisture, and air conditioners are also available.

**Tilt cylinder**

The pointer on the meter indicates the mast tilt angle. Once the mast reaches a preset angle, the lamp will light. When there is no load on the lift, the Auto Stop Function stops the lift operation once the mast reaches the preset position. This is especially convenient for loading operations on inclined surfaces.

### Attachments

- Side shifter
- Side cross bar
- Side clamp
- Rotating fork

*Some specifications are provided for attachments, some attachments cannot be installed on specific models depending on their types. For details, please contact Komatsu Public Relations.*