

MEX50

SPECIFICATIONS

HAMECH

Pneumatic Tire Lift Trucks

DIESEL
22,000 – 35,500 LB CAPACITIES



FEATURES AND EQUIPMENT

SPECIAL FEATURES

- The Komatsu SAA6D102E-1 diesel industrial engine delivers exceptional power, emission control, and reliable operation for enhanced productivity and fuel efficiency.
- Full floating operator compartment (HSC) greatly reduces operator fatigue by isolating the compartment from engine and traveling vibrations.
- Wide slip resistant steps and assist hand grip makes entry and exit easier.
- Dash display provides easy to read information to the operator and maintenance personnel.

STANDARD EQUIPMENT

- Dash Display – Fuel, Water Temperature, Torque Converter oil temperature and Hour Meter Gauges
- Drawbar Pin
- Electronic Ignition; Anti-Restart Ignition Switch
- Engine Oil Pressure and Charge Warning Lamps
- Fully Hydrostatic Power Steering
- Headlights
- Horn
- Deluxe full suspension vinyl seat and Operator Restraint System with Lap Belts
- Overhead Guard

- Sedimeter warning light (Diesel Units)
- Tilting Steering Column
- Torque Converter Oil Cooler
- Turn Signal, Back-up, Stop and Tail Lights

OPTIONAL EQUIPMENT

- Warning Devices – Audible
- Warning Devices – Visual
- Rear View Mirrors
- Wet disc brakes
- Additional Length Forks
- Attachments
- Auxiliary Hydraulic Valve
- External Hydraulic Hosing

TECHNICAL DATA

ENGINE

SAA6D107E-1 diesel, 6.7 liter turbo-charged engine adopts the latest engine technologies, and dramatically reduces NOx and PM in exhaust. Also, each system usefully interacts for better fuel efficiency and lower noise levels. Reliable fuel filters keep system performance high and protect components. The engine offers full performance and power even in severe conditions.

- Electronic Control System
The center control unit quickly processes signals from various sensors on the vehicle in order to produce a maximum power in any condition, eliminating possible loss of engine performance.
- Heavy duty High Pressure Common Rail (HPCR) System High pressure compressed fuel stored in an accumulator chamber (common rail) is injected into each cylinder sufficiently at a proper timing by an electronic controlled unit (ECU). This HPCR system promises optimized fuel burning and reduced fuel consumption.
- Piston Head Combustion System
A unique shape of the combustion chamber on the top surface of each piston facilitates complete fuel burning by optimizing conditions, timings and amounts of fuel injection, which helps reduce NOx and PM in exhaust, as well as fuel consumption.
- Air to Air Charge Air Cooling System
This system cools high temperature air blown by the turbocharger and supplies into the cylinders. As a result, the system maximizes combustion efficiency and emission performance, facilitating high output while reducing NOx and fuel consumption.

FUEL SYSTEM

Diesel fuel system.

- Large capacity (68.7-74 gal) Integral diesel fuel tank reduces fueling frequency and enables extended non-stop operation.
- Easy to see inspection window mounted on the fuel tank permits reliable checking of fuel levels.

ELECTRICAL SYSTEM

Standard operator conveniences that are optional on most, such as a complete light package, horn and hour meter, are standard on Hamech.

- 12-volt electrical system.
- Warning lights for engine oil pressure, battery charging, brake fluid level, ECCS monitor and operation fault indicator.
- Electrically controlled forward-reverse lever operates at the touch of a finger.

HYDRAULIC SYSTEM

- Large capacity reservoir
- Easy to see inspection window mounted on the oil tank permits reliable checking of oil levels as well as the degree of oil contamination.

FRAME

All welded assembly of heavy gauge steel with integral fuel tank.

- Mainframe structure includes single thick steel plate providing rigidity against twisting caused by static steering, turning, or uneven road surfaces, thus achieving excellent vehicle durability and load handling performance.

TRANSMISSION

The transmission is three speed and is built to exacting specifications. It is specially designed for use in industrial lift trucks. The three speed "Powershift" transmission is also available as an optional automatic with forward / reverse lever.

BRAKES

Hydraulic assisted service brakes with master cylinder booster are self-adjusting and self-centering.

- High friction, large diameter brake linings are housed in the drive axle.
- Enlarged brake covers prevent dirt and water from entering the linings.
- Mechanical parking brake is actuated from adjustable toggle handle on dash allowing for more legroom in the operator's compartment.
- Optional wet disc braking system

MAST, CARRIAGE, LBR & FORKS

High-visibility mast assembly with 4-roller carriage available in 2-Stage Free-View type.

- Sealed bearings for reduced maintenance on carriage.
- Equipped with pin type IV carriage and forks
- Single and double function external hosing is available for operating attachments.

TECHNICAL DATA

OPERATOR COMPARTMENT

A unique full-floating operator compartment (HSC) designed to isolate the operator from fatigue producing vibration.

- Deluxe full suspension seat with retractable seat belt, lateral restraint system, and adjustable seat travel and reclining is standard.
- Hydraulic control levers within easy reach of the operator.
- Tilting steering console positions instrument panel in full view of operator at all times.
- Floor mounted automotive-type pedals with large ribbed pads for comfort and safe operation.
- Full width floor mat provides large non-slip surface, reduces noise, vibration, and heat.

- Large open steps and convenient assist handgrip provides easy entry and exit for the operator.
- Separate inching and braking pedals provide positive control while reducing wear on the drive train.
- Trucks come standard with an integral headlight/turn indicator control. Turn indicator has automatic return to neutral.
- The overhead guard is full width and offers excellent visibility for stacking high loads.
- Rear visibility is enhanced with the shape of the back portion of the rear counterweight.

COMPLIANCE & APPROVALS

Meets or exceeds American National Standards Institute, ASME B56.1 – Part III Safety Standards for Powered Industrial Trucks.

Compliant with UL 558 for the appropriate truck type. Contact your authorized dealer for application specifics. Meets or Exceeds EPA emissions standards

Expect solid support nationwide

Hamech, a brand of Crown Equipment Corporation, offers a comprehensive service support network for Hamech LPG, gas or diesel lift trucks.

You can expect ongoing value with the comprehensive services available from your Hamech dealer. See it for yourself in state-of-the-art facilities stocked with products and parts inventories, advanced processes, equipment and tools. It's also apparent in the professionally trained service technicians and well-stocked service vans.

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HAMECH

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