

Hanford Mission Integration Solutions, LLC.

Specification for purchase one (1) Hyster H550HD Class V Forklift

The unit will be a new standard production model or a used standard production model less than Two (2) years old with less than 200 hours, and shall be completely prepared for customer and sold through an authorized factory franchised dealer or reseller. The vendor shall provide full standard warranty (as delivered with options) on new unit, or a minimum one year/unlimited hour full machine warranty on a used unit. The unit shall be in compliance with ANSI/ITSDF B56.1 *Safety Standard for Low Lift and High Lift Trucks*, latest edition.

NOTE: Warranty and factory specifications must be supplied at time of bid or bid will be considered incomplete.

All accessories as listed herein shall be identical to those regularly supplied to a dealer by the original equipment manufacturer, and shall be of identical quality and design as those normally installed on unit for sale through normal commercial channels.

Items to include with bid are:

Proof that vendor is an authorized distributor

Quality Assurance “B” clauses to be included:

B33 Identification of Items with Product Data Sheet

B76 Procurement of Potentially Suspect or Counterfeit Items

Other Quality Requirements:

The Supplier/Manufacturer shall provide a Certificate of Conformance (COC) that is legible/reproducible and includes the following:

- The COC is on the Supplier’s/Manufacturer’s letterhead, and signed or otherwise authenticated by a supplier’s representative
- The Purchase Order/Contract Number under which the equipment is being supplied
- Equipment Model and Unique Serial Number
- The Quantity
- A statement that the equipment furnished under this PO/CO is genuine (i.e., not counterfeit) and matches the quality and/or fitness for use required by the Purchase Order.

One copy of the documentation, unless otherwise specified, shall accompany the item shipped. Other

Quality Requirements:

Fastener Marking Requirements ; All standard hex and heavy hex head cap screws and bolts (i.e., ½-13 x 2 UNC-2A Hex Cap Screw , SAE J429 Grade 5) exhibiting grades marks, shall also show the manufacturer’s unique identifying mark as required by the applicable nationally recognized standard (i.e., ASTM, SAE).

A standard fastener: can be described from a nationally recognized consensus standards documents and maybe produced by any interested manufacturing facility. All other fasteners would be

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classified as SPECIAL or NONSTANDARD and would properly fall into three groups, modified standard, proprietary-patented, and engineered special parts.

Metric hexagon head bolts and screws (including fasteners with flange) shall be marked with the manufacturer's identification mark and with the marking symbol of the property class specified in accordance with International Standard ISO 898-1. This marking is required for fasteners of all property classes and where the fastener nominal diameter is equal to or greater than 5 mm.

The following Suspect/Counterfeit Fastener Headmark lists can be used as a reference, but should only be utilized as a reference in addition to the above referenced ISO standard:

Suspect Bolt Head Marking Card

http://www.hanford.gov/pmm/files.cfm/Suspect_Bolt_Head_Marking_Card.pdf *Stainless*

Steel Fastener Headmark List

http://www.hanford.gov/pmm/files.cfm/Suspect_Stainless_Steel_Fastener_Headmark_List.pdf

Specifications

Manufacturer's Designation – H550HD

- Load Capacity – 55,000 Lbs.
- Lift Height – 223”
- Overall lowered height – 151”
- Mast Type – High Visibility 2-stage, no free lift mast
- Forks – 96” Long x 4” Thick x 12” Wide
- Fork Type – Pin Type
- Carriage – 122" Wide Pin Type Apron-Style Sideshift Fork Positioner with individual fork control 9" in-in / 94" out-out Min-Max Fork Spread
- Hydraulic Control Valve – 5 function
- Hose group 3 Auxiliary Function - 3 Hoses and 1 Wire Cable Externally Mounted - Includes Selector Valve
- Cummins QSB 6.7L 6 Cylinder Diesel Engine featuring:
 - Tier 4/Stage IV Compliance
 - Rated Power 260 hp (194 kW) @ 2200 rpm -- Peak Power 270 hp (201 kW) @ 2000 rpm
 - Cooled EGR, Diesel Oxidation Catalyst (DOC) and Selective Catalytic Reduction (SCR) requiring the use of urea
 - Engine Torque 730 lb-ft (990 N-m) @ 1500 rpm
- 24V Electrical system with 120 amp alternator
- ZF WG211 5-Speed Transmission with 5 Speeds Forward and 3 Speeds Reverse
 - Powertrain Protection System featuring Directional Lockout
 - 16 mph (25 km/h) Maximum Travel Speed
- Work Lights – 2 Halogen Front Fender Mounted / 2 Halogen Mast Mounted / 2 Halogen Cab Mounted Rear / LED Stop, Tail and Back-Up Lights
- Audible Alarm – Reverse direction activated
- Visible Alarm – Amber strobe light, ignition activated

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- Drive Tires - Pneumatic Bias Ply Steer Tires / 14.00-24 28PR
- Steer Tires - Pneumatic Bias Ply Steer Tires / 14.00-24 28PR
- Enclosed Cab with Air conditioning includes - Seat side lever hydraulic control - Multifunction display panel - Telescoping Steering Wheel - Floor Mat - Interior Wide Angle Mirrors - Electric Horn (105 dBA) - Operator Restraint and Operator Presence Systems - Isolated Mounting for Low Noise and Vibration - CANbus Electrical Control System for the Engine and Transmission - Heater - Wipers: Top and Rear - Recirculation fan
- Deluxe Air Ride Full Suspension Cloth Seat with High Backrest features:
 - Air suspension with automatic weight adjustment 110-330 lbs. (50-150 kg)
 - Adjustable shock absorber
 - Fore/Aft dampened rocking motion
 - Seat cushion length and angle adjustment
 - Full-height backrest with removable headrest
 - Electric air pressure lumbar adjustment
- Seatbelt - 2-Point High-Visibility
- LNW-6 Lift Scale System
- Dataplate with rated truck capacity with included forks/attachments
- One (1) complete hard-copy set of manufacturer's operator, parts, and repair manuals