



C15/18/20s Pneumatic

• LPG • DIESEL • DUAL FUEL

1.5/1.8/2.0ton 1500-2000kg (3000/3500/4000lbs.)

C15/18/20sC Cushion

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So You Say You Want An Evolution

The GEN2 C15-Series proudly adds to CLARK's unique history of building the best forklifts with evolutionary steps in ergonomics, power, safety, durability and performance. These narrow-width models, designed for distribution, manufacturing and warehousing of all types, are suited for the toughest application.





Smooth Operator

Comfort equals productivity The largest operator compartment in the industry is supported in rubber isolators which reduce engine noise and vibration transmitted to the operator, assuring a more comfortable ride. These models with narrow width and short length also have ample space for the largest operators. Convenient controls, low step height and a thick molded rubber floor mat are all designed with the operator in mind.

The GEN2 operator's cell places the seat, tilt steering wheel. Pedals and control levers in a single rubber-isolated structure. Pedals and controls are located and sized so they easy to reach and operate.

Electronic directional controls enable true fingertip operation, minimizing arm fatigue.

Hydrostatic power steering with four turns lock-to-lock and low-effort centering springs provide the operator with excellent maneuverability and ease of control.





One-piece frame made from formed and welded steel plate protects against impact damage and extends useful life of the truck. An integral hydraulic sump, with remote breather, provides cooling for hydraulics in tough applications.



Transaxle The integral axle and transmission allow direct connection of transmission output to the axle gearing with no exposed seals or drive shafts to wear or collect debris. A common sump allow both axle and transmission lube to be cooled with the transmission cooling system. Modulated forward-reverse shift prevent shocks to gearing and wheel spin. An inching valve controlled with the left brake pedal provides smooth transmission engagement and allows fast lifting while controlling travel speed. Heavy-duty torque converter, clutches, and axle gearing extend life and minimize service requirements.



Steering axle Rugged, simple axle design uses a double-ended hydraulic cylinder to provide steer force. Steer linkage with sealed spherical bearings connects the cylinder to steer knuckles. No stops or adjustments are required. Linkage pivot pins are "double shear" design to withstand impact without loosening or breaking. Linkage and kingpin bearing are greasable to exclude dirt and extend life.



Upright & Carriage Sealed, canted rollers minimize deflection and side play in both upright and carriage. Six carriage rollers and two side thrust rollers reduce roller contact stress to extend upright life. Hydraulic cushioning valves provide silent staging of the rails to reduce shock during both lifting and lowering.

Durable Period & Way Too Easy





The Safest Seat In The Business!

Safety seat More than 160,000 safety seats have been installed on CLARK trucks. CLARK is the innovator of the safety seat and today we offer the best in safety features. Side wings and a standard seat belt, with retractors that won't tighten during use, are standard. The durable molded seat is adjustable horizontally up to six inches. Optional seats with semi-suspension, and/or durable fabric covering are also available.

Visibility is critical to an operator's performance and safety. CLARK's nested upright rails provide positive rail interlock and a narrow "column" to maximize the vision window. The overhead guard safety bars run parallel to the operator's line of sight. This results in less product damage when picking and pulling loads from rack locations. A clear, unobstructed view also protects your most valuable asset—your employees.

Hydraulic system The single-pump hydraulic system uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup. The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions allow optimum performance of attachments. The sectional design allows easy addition of extra functions and simplifies service. Upright mounted load lowering valve provides controlled lowering independent of engine speed. Separate lift cylinder mounted flow control valves limit oil flow to regulate upright lowering speed in the event of hose failure.

Parking brake The foot-applied parking brake can easily be released by hand or with the operator's foot. Applying the parking brake places the transmission in neutral to prevent driving against the brake. If the operator leaves the truck with the parking brake not set, the vehicle horn will sound after 3 seconds to remind and train operators to set the brake before leaving the truck.

◀ **Access to the engine and transaxle compartment is simple**
Pull a latch and the seat deck raises effortlessly on gas struts. Lift off the floorboard and in less than 30 seconds, you have full access to both the engine and transaxle, no tools required.

The Real Brains Of The Operation

Information & control panel

A microprocessor is used to both monitor the condition of truck systems as well as controlling their functions. Hourmeter and maintenance interval are displayed by LCD. Variable bar graph LED's show engine coolant temperature and fuel level. LED's indicate transmission temperature, engine oil pressure, alternator charge, fuel system malfunction, park brake applied, maintenance required, and remind the operator to fasten seat belt. Optional turn signals have turn direction displayed.



The microprocessor controls neutral starting and prevents cranking while the engine is running. Audible alarms and lights are turned on with electronic switches. Headlights and optional worklights are controlled with push switches, but turned off with the keyswitch. If the keyswitch is left on to keep lights on, the lights shut off after 5 minutes. Shorted electrical circuits are switched off and the faulty circuit number displayed to assist in diagnosis. Solid-state switches, no internal relays or moving parts, and no bulbs to burn out provide the ultimate in long-life design and are backed by a 2-year, 4000-hour major component warranty.

The Power Behind The Punch

Brake system The GEN2 features a self-adjusting drum and shoe brake system. Designed for severe duty applications, drum breaks provide extended lining life, dependability, durability, low noise, and ease of maintenance. A single-stage master cylinder provides smooth braking and low pedal effort.

LPG engine The field-proven Mitsubishi engine is fitted with counter-rotating dynamic balancers and hydraulic, zero-lash valve lifters for smooth, quiet operation. The computer-controlled fuel system meets EPA low-emission requirements and produces only 10 % of the allowable carbon monoxide. Proven components are organized in a simple system using automotive-style malfunction light and fault codes for diagnosis and maintenance.

Diesel engine The Yanmar Diesel engine is recognized worldwide as durable, easy to start, smoke-free, and easy to service. This engine also meets EPA low-emission and low particulate requirements. High-pressure direct-injection results in excellent fuel economy along with low noise and odor. Vertical exhaust is standard equipment.



Keeping Uptime To A Maximum



Powertrain maintenance The two-stage engine air filter removes 98% of incoming dust before it enters the filter media. Dust in the first stage is automatically removed with a dust ejection valve. A restriction indicator advises the mechanic when the filter should be changed. Optional safety element and high-mounted pre-cleaner are available for operation in high-dust environments. All fluid levels can be checked from the engine compartment. The radiator can be maintained and replaced without removing the counterweight. Spin on transmission and engine oil filters are used for easy replacement. An easily accessible fuse box is located on the cowl.



Cooling system The open-core, plate-fin, cross-flow radiator design with integral transmission oil cooler has wide fin for reduced plugging and easy cleaning. A coolant recovery system allows easy fluid level checks and adding coolant without opening the pressurized radiator cap. The 7-blade flexible fan uses a venturi shroud to optimize performance and reduce noise a grille to guard the fan.





Dependable Parts = Dependable Trucks



Unrivaled parts support Our Duisburg, Germany, Louisville, USA and Bucheon, Korea aftermarket distribution centers provide parts to Clark dealers all over the world. We are focusing on providing excellent off-the-shelf availability, quality parts, quick response time and competitive pricing. Our goal is 95% fill rate on parts for Clark Forklift.

The Clark PartsPro System is our industries leading electronic parts and service documentation system, that provides Clark dealers and customers with a efficient and accurate method of identifying parts for every Clark forklift built since 1961. PartsPRO ensures the availability of the most current technical information and has the unique capability to create parts manuals specific to your mixed Clark fleet, making it simple to positively identifying and order form your local Clark dealer. The right Clark parts – The first Time, Every time.



CLARK MATERIAL HANDLING INTERNATIONAL
202-7, Ojung-dong, Ojung-gu, Bucheon city, Gyuggi-Do, Korea 421-270
Tel : 82 32 680 6342 Fax : 82 32 680 6359
www.clarkmhc.co.kr

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Dealer