GTS20-33

Est. 1968
Peterman
Fork Lift Trucks

CLARK THE FORKLIFT
CLARK
100 Years
EST. 1917

DIESEL AND LPG DRIVE
PNEUMATIC / SUPERELASTIC TYRES

Max. capacity
2000/2500/3000/3300 kg

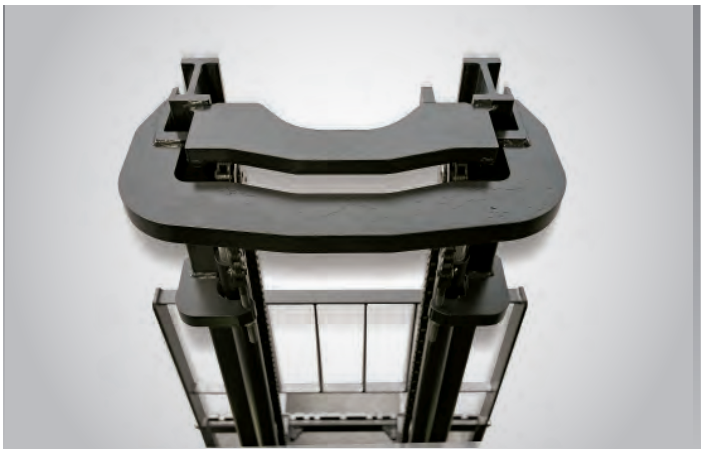
CLARK®

GTS20-33 RELIABILITY

Almost maintenance-free wet disc brakes

- Enclosed and oil-cooled for smooth operation = reduction in brake pedal effort - up to 50% compared to drum brakes.
- Lower maintenance costs compared to drum brakes and less downtime.

- Wide, open foot steps with traction plates make entry/exit quick, easy and safe...from either side.



Easily Serviceable, Extremely Dependable, Extremely Durable

The CLARK series GTS 20-33 impresses with a solid construction and high quality components. Offering wet disc brakes and a split transmission as standard, this series is extremely reliable and durable. At the same time, the total cost of ownership is significantly reduced, as almost no brake maintenance is required. The CLARK GTS20-33 is designed for distribution, manufacturing and warehousing of all types.

95%

The large operator compartment's controls and seating are designed to maximise operator space and comfortably accommodate the ninety-five percentile in height range of the world's adult population.

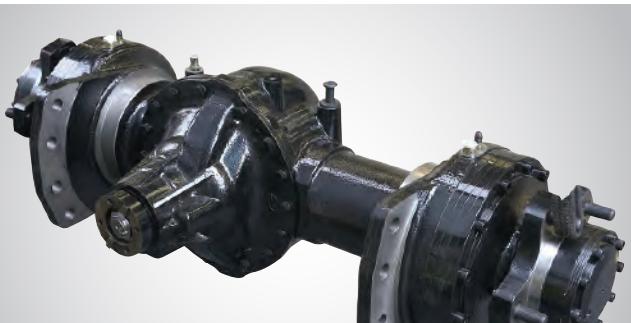
- Nested upright rails provide positive rail interlock and a narrow column to maximise the vision window. The overhead guard safety bars run parallel to the operator's line of sight resulting in a clear, unobstructed view. Hydraulic cushioning valves provide silent staging of the rails to reduce shock during both lifting and lowering.

Smooth Control + Easy Operation =
Operator Confidence & Optimum Comfort

GTS20-33 PRODUCTIVITY

Protected Front Lights
- Increased productivity.
- Potential damage prevention.
- Optional LED version for best illumination.

Split Transmission
- Significantly reduced vibrations for the driver.
- Provides a more pleasant and smoother ride.
- Driver fatigue is also greatly reduced, resulting in a significant increase in productivity.



Rugged Durability, High Performance, Extreme Environments, Demanding Applications

The GTS series is designed to tackle any task placed in its path. Almost maintenance-free wet disc brakes (enclosed and oil-cooled) ensure the best possible brake performance. Compared to drum brakes, 50% less pedal effort is needed - a real advantage for long shift applications. Many different cabin versions are available to make the GTS series suitable for any application.

Safety

- **Neutral start:** If the gear lever is not positioned in neutral, the engine will not start.
- **Tilt lock valve:** Prevents accidental forward tilting of the mast while the engine is switched off.
- **Gas springs with automatic lock:** Prevents accidental closure of the hood.
- **Safety valve:** Prevents accidental uncontrolled mast lowering in the event of oil pressure hose damage.
- Forward and reverse travel is not possible whilst the parking brake is in the on position.

Maximum Visibility + Minimum Fatigue =
Ultimate Safety & Product Integrity

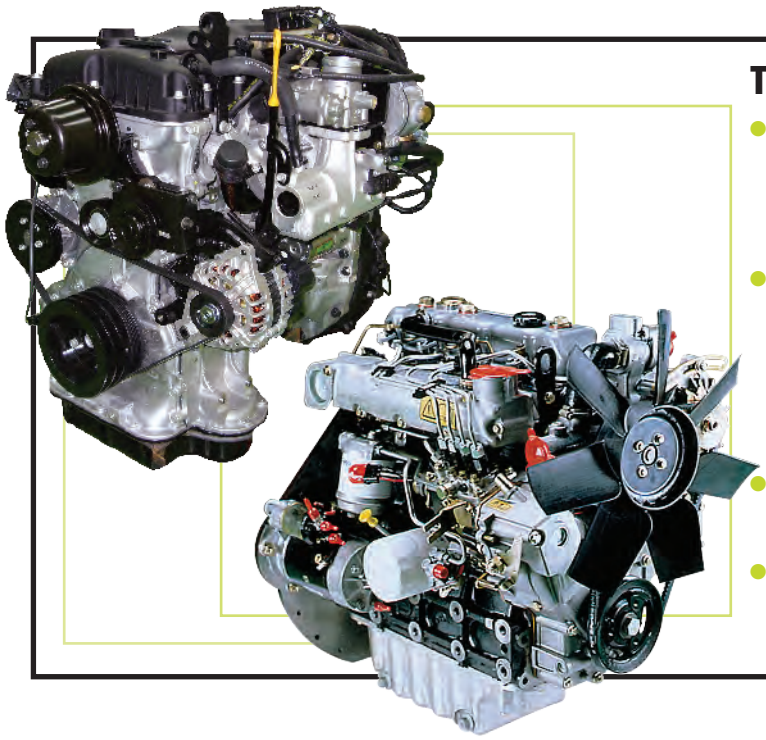
GTS20-33 STANDARD FEATURES & BENEFITS

PARKING BRAKE

- **Simple & Reliable**
  - Transmission disengages when parking brake is set, preventing driving against brakes.
  - Horn will sound if brake is not set after 3 seconds from when the engine is shut off.

HYDRAULIC SYSTEM

- **Maximum Horsepower**
  - Uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup.
- **Optimum Performance of Attachments**
  - The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions.
- **Sectional Design**
  - Allows for easy addition of extra functions and simplifies service.
- **Upright Mounted Load Lowering Valve**
  - Controlled lowering speed independent of load speed.

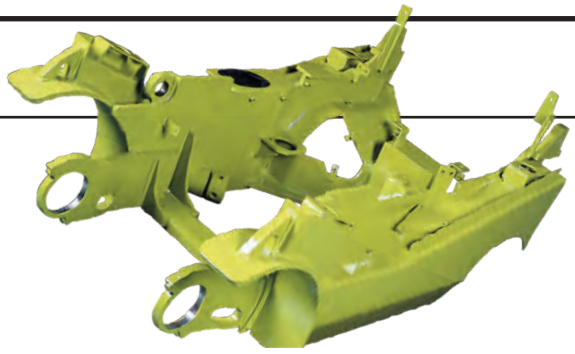


THE POWER BEHIND THE PUNCH

- **Mitsubishi LPG Engine (2.3L, 51.6kW)**
  - The highly fuel-efficient Mitsubishi 4G64 LPG engine is fitted with a PSI LPG system providing an extremely high degree of reliability and excellent performance.
- **Smooth-Running Yanmar Diesel Engine (3.0L, 34.2kW)**
  - Ensures high power and torque.
  - Low fuel consumption.
  - Low maintenance costs.
  - Powerful acceleration and exceptionally comfortable smooth driving experience.
  - Meets all EU exhaust gas emissions (Stage IIIA).
- **Isuzu Diesel Engine (2.1L, 46kW)**
  - Meets all EU exhaust gas emissions (Stage IIIB).
  - Diesel Oxidation catalyst (DOC).
- **Yanmar Diesel Engine (3.3L, 44kW)**
  - Only for countries without EU diesel emission regulations.

Available Equipment

- Mirrors
- Sideshifters
- Strobe lights
- Backup alarm
- Rear work light
- Auxiliary valves
- Wide drive tyres
- Turn signal lights
- Hose adaptations
- Combination lights
- Tyre options
- Hydraulic control options
- Suspension seat (vinyl or cloth)
- Swing-down LPG tank bracket
- LED lights
- Various cabin versions

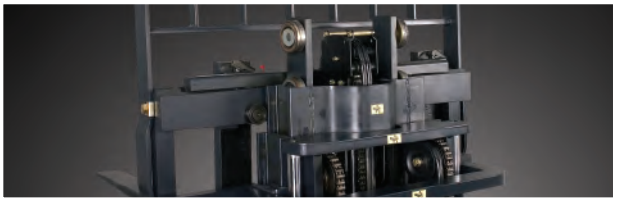


ONE-PIECE FRAME

- Heavy duty, welded and formed steel plate design protects from impact damage and extends the life of the truck.
- Integral hydraulic pump provides cooling for hydraulics.

STEERING AXLE

- **Rugged Design**
  - Linkage pivot pins have a “double shear” design to withstand impact without loosening or breaking.
  - Solid push rods guarantee trouble-free applications even under tough conditions.



RUGGED UPRIGHT AND CARRIAGE

- **I-Channel Construction**
  - Maximises visibility and stability, allows for internal hosing and wiring.
  - Six carriage rollers and two side-thrust rollers minimise deflection and sideplay, reduce roller contact stress and extend component life.
  - Hydraulic cushioning valves provide silent staging of the rails to reduce shock during both lifting and lowering.
- **Shimmable, Sealed & Canted Load Rollers**
  - Maximise load distribution & reduce free play.

DASH DISPLAY

- **Microprocessor**
  - Monitors condition and controls functions of the truck system.
  - Controls neutral starting and prevents cranking while the engine is running.
- **LCD Display**
  - Hourmeter and maintenance interval are displayed on the LCD screen.
- **LED Lights Indicate:**
  - Transmission temperature
  - Engine oil pressure
  - Alternator charge
  - Fuel system malfunction
  - Applied parking brake
  - Required maintenance
  - Seat belt warning
- **Push Switches**
  - Headlight and optional work lights are controlled with push switches.

OPERATOR COMPARTMENT

- **Fully Adjustable CLARK Seat**
  - Ergonomically designed seat cushion.
  - Adjustable to operator’s weight.
  - Safety belt also also available in orange (optional).
- **Further Seat Options**
  - Comfortable folding armrests.
  - Additonal hip rest (simplifies operator access).
- **Thick Molded Floor Mat**
  - Reduces vibration and noise level.
  - Improves operator comfort.
- **Tilt Steering Column**
  - Optimal adaptation to the user possible.
- **Hood Mounted Levers**
  - Ergonomic design for improved performance.

Note: “Photos and illustrations are based on information at time of printing and are subject to change without notice. Some products may be shown with optional equipment. Model assumption detail variations are possible.”

100 YEARS OF MATERIAL HANDLING INNOVATION

A Centennial is an important milestone which not only celebrates longevity, but testifies to the strength of the CLARK brand across generations. This is reflected in the more than one million forklifts manufactured by CLARK Material Handling Company over the past 100 years. Even more powerful than the number of trucks built is the company's legacy of innovation. It began in 1917 when employees of CLARK Equipment Company constructed a simple three-wheeled shop buggy to haul sand and castings between buildings at their Buchanan, Michigan plant. The "Tructractor", as the shop buggy was named, became the first internal combustion material handling truck and was a great success. The industrial truck was born and in the process CLARK developed the first forklift with hydraulic lifting. Through the years, many extraordinary inventions followed, among them the nested I-beam upright, overhead guard and operator restraint system. The founding principles of Eugene B. Clark are still true: "Always strive to build the best – "good enough" should not be the goal." The company always has its eye on the future and continues to build on technologies and trends to drive materials handling technology worldwide.

One Purpose, One Brand,
One Legacy, One Century.

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Peterman
Fork Lift Trucks

ONE PURPOSE
ONE BRAND
ONE LEGACY
ONE CENTURY

CLARK EUROPE GmbH
Dr.-Alfred-Herrhausen-Allee 33
47228 Duisburg / Germany
Tel: +49 (0)2065 499 13-0 · Fax: +49 (0)2065 499 13-290
Info-europe@clarkmheu.com · www.clarkmheu.com

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