

CQ

20/25/30

IC-PNEUMATIC LPG/DIESEL

4000 / 5000 / 6000 lbs.
(2000 / 2500 / 3000 kg)



CLARK®

THE FORKLIFT



- With four turns lock-to-lock the **hydrostatic power steering** provides the operator with excellent maneuverability and ease of control.

- The spacious **operator compartment** is supported on rubber isolators which reduce engine noise and vibration transmitted to the operator, assuring a more comfortable ride.



Highly Maneuverable, Easily Serviceable, Broadly Flexible, Extremely Dependable

The CQ20-30 Series proudly adds to CLARK's unique history of building dependable forklifts. No frills designs with proven, long lasting components will **provide long life and simplified maintenance** in distribution, manufacturing and warehousing of all types, indoors or out.

CQ20-30 STANDARD FEATURES & BENEFITS



PARKING BRAKE

■ Simple & Error Proof

- Hand operated parking brake can be easily released and adjusted at the handle.
- Transmission disengages when parking brake is set preventing driving against brakes.

HYDRAULIC SYSTEM

■ Maximum Horsepower

- Uses a load-sensing flow control valve for steering to reduce horsepower loss and heat buildup.

■ Optimum Performance Of Attachments

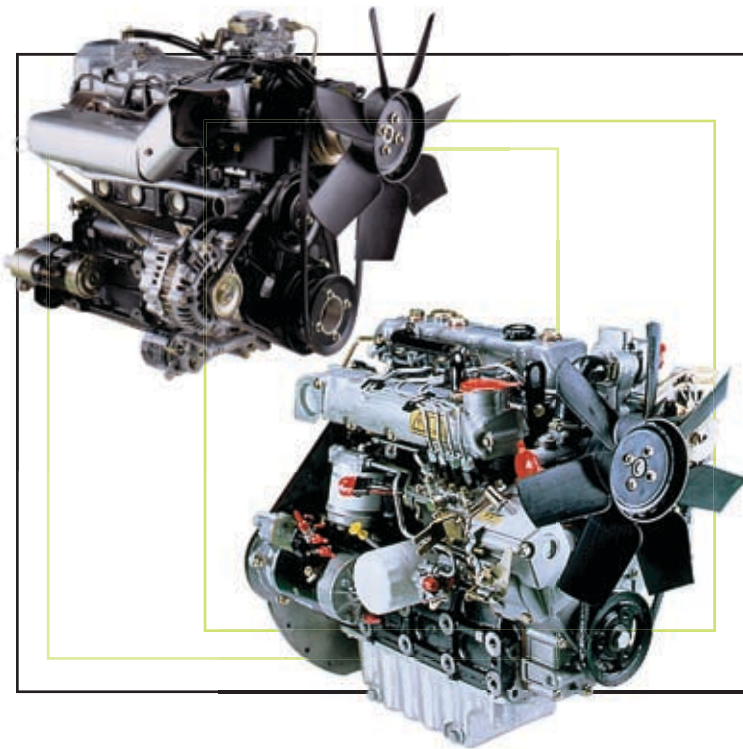
- The main hydraulic valve incorporates adjustable flow controls for tilt and auxiliary functions.

■ Sectional Design

- Allows for easy addition of extra functions and simplifies service.

■ Upright Mounted Load Lowering Valve

- Controlled lowering independent of engine speed.



THE POWER BEHIND THE PUNCH

■ Field-Proven Mitsubishi 4G64 LPG Engine

- The 4-cylinder, 48 HP, overhead cam engine with internal dynamic balancers provide a smooth and quiet operation.
- Hydraulic valve lifters and electronic ignition reduce maintenance requirements.

■ Recognized Worldwide Yanmar Diesel Engine

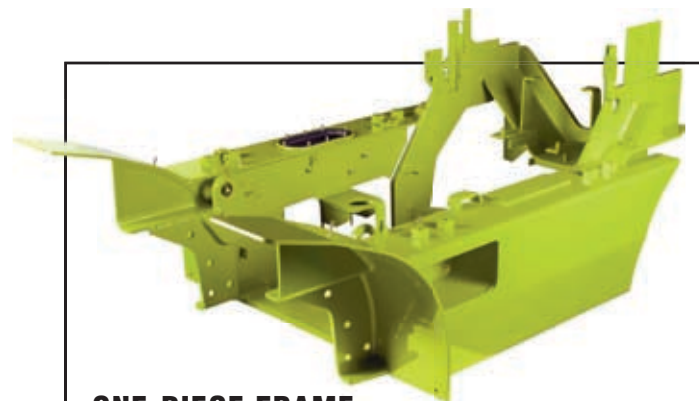
- Durable, easy to start, low-smoke, easy to service.
- Low-emission indirect injection = reduced noise level.

■ EPA Compliant

- Mitsubishi engine produces only 10% of the allowable carbon monoxide.
- Yanmar engine meets low-emission & low particulate requirements.

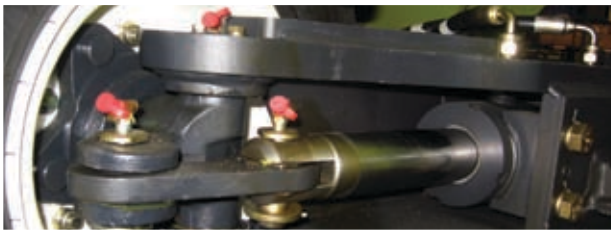
Available Equipment

- Double auxiliary valve
- Hose adaptations
- Hydraulic control options
- Side shifters
- Strobe lights
- Rear work light
- Reverse Alarm
- Mirrors
- Suspension seat, vinyl & cloth
- Operator Cab with heater
- U.L. Type LPS construction
- Diesel
- Travel speed limit
- Various tire options



ONE-PIECE FRAME

- Heavy duty, welded, and formed steel plate design protects from impact damage and extends the life of the truck.



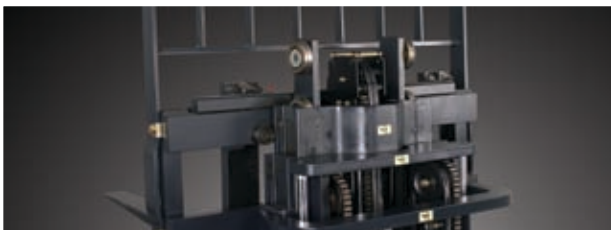
STEERING AXLE

■ Rugged Design

- Linkage pivot pins have a “double shear” design to withstand impact without loosening or breaking.

■ Simple Axle Design

- Double-ended cylinder provides steering force.



RUGGED UPRIGHT AND CARRIAGE

■ Maximum Visibility

- Nested I-Channel allows space for cylinders, hoses and chains.

■ Hydraulic Cushioning Valves

- Silent staging reduces shock & vibration.

■ Shimmable, Sealed & Canted Load Rollers

- Carriage has 6 load rollers.
- Maximize load distribution & reduces free play.



TRANSAXLE

■ Integral Axle And Transmission

- No exposed seals or driveshafts to wear or collect debris.

■ Modulated Shift Protection

- Smooth engagement, cushioned shifting.

■ Common Sump

- Allows both axle and transmission lube to be cooled with the transmission cooling system.

■ Heavy Duty

- Torque converter, clutches and axle gearing extend life and minimize service requirements.

■ Inching Valve

- Left brake pedal operation allows for precisely controlled travel speeds during high speed lifting.

■ Service Access is Simple

- Seat deck raises for easy access to both sides of engine and floorboard lifts out (without tools) revealing hydraulic & transmission components.



OPERATOR COMPARTMENT

■ Ergonomic Seat

- 6” fore / aft adjustment
- Molded for support
- Non-cinching, retractable seat belt
- Weight adjustment and full-suspension available.

■ Thick Molded Floor Mat

- Reduces vibration and noise level.
- Improves operator comfort.

■ Cowl Mounted Hydraulic Controls

- Located and sized for ease of use.

■ Tilt Steering Column

- Adjusts to suit operator & provides easier entry/exit.

55%

I-Beam style upright rails are designed to be fifty-five percent stiffer than conventional flat-faced rails. This means better resistance of side-to-side deflection which results in longer component life and improved truck stability with elevated loads.

- 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 resulting in a **clear, unobstructed view**.

Maximum Visibility + Minimum Fatigue =
Ultimate Safety & Product Integrity

