

C40-55s



IC-PNEUMATIC LPG / DIESEL
4.000 / 4.500 / 4.990 / 5.500 KG



CLARK®

- Low effort hydrostatic power steering provides the operator with excellent maneuverability and ease of control.

- Low, open foot step with **traction** plate makes entry/exit quick, easy and safe.



Rugged Durability and High Performance in Demanding Applications

The GEN2 C40-55s is designed to tackle any task placed in its path. The heavy duty radiator provides **maximum cooling of the engine, transmission and axle in the harshest environments** and the most demanding applications. Various options, like cabins or mini-levers, ensures that you will always have the right truck for your working conditions.

98%

Engineered for extreme environments, the C40-55s is equipped with a two-stage air filter system that removes 98 % of incoming dust and debris before it enters the filter media.

- Nested upright rails provide positive rail interlock and a narrow profile 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 & Maximum productivity



C40-55s STANDARD FEATURES & BENEFITS



PARKING BRAKE

- **Simple & Error Proof actuated**
 - Hand operated.
 - Transmission disengages when parking brake is applied, preventing drive against the park brake.

WET DISC BRAKES ON ALL C40-55S MODELS

- **Enclosed & Oil Cooled**
 - For smooth, quiet operation.
 - Minimal wear promotes long life.
 - Reduced maintenance means less downtime.
- **Power Assist Design**
 - Low pedal effort reduces operator fatigue.



LPG Engine

Deutz Diesel Engine

THE POWER BEHIND THE PUNCH

- **Field-Proven PSI 4.3 I LPG Engine**
 - Provides smooth, quiet operation.
 - Optional LPG tier 4 version complete with 3 way muffler.
- **3.6 I Deutz Diesel Engine (55,4 kW) - meets all EU exhaust gas emission (Stage IIIB) .**
 - Low maintenance. A Complete new developed engine with high peak torque. With the installed DVERT®Oxidation Catalyst (DOC) there is no machine downtime. The exhaust after treatment is done during the operation. Alternative DPF Systems with DPF (Diesel-Particle-Filter) require a regeneration process, which means truck downtime during the operation.
- **Auto Shut-Down**
 - Protects your investment in the event of low engine oil pressure, excessive engine coolant or high transmission oil temperatures.
- **CE Compliant**
 - Engines meet reduced emission and smoke levels.
- **3.8 I Kubota diesel engine turbo charged For Non EU diesel engine emission regulation countries**
 - provides exceptional output and high torque.

Optional Equipment

- | | |
|---|---|
| • Double auxiliary valve | • Rear work light |
| • Hose adaptations | • Audio system |
| • Side shifters | • Various seat option |
| • Strobe lights | • Various tire options |
| • Full Cabin with Heater or air-conditioning (only for diesel engine) | • Different Fork Positioner |
| | • Mini-Lever on Armrest with direction control (Optional) |



EASE OF MAINTENANCE

- **Service Access is Simple**
 - Seat Deck raises for easy access to both sides of engine and floorboard is removable revealing hydraulic & transmission components.



RUGGED CONSTRUCTION

UPRIGHT AND CARRIAGE

- **I-Beam style upright**
 - Rails are designed to be 55 % stronger than conventional flat-faced rails.
 - Better resistance to side-to-side deflection.
 - Promotes longer life and improved stability with elevated loads.
- **Hydraulic Cushioning Valves**
 - Silent staging reduces shock & vibration.
- **Shimmable, Sealed & Canted Load Rollers**
 - Carriage has 6 load rollers & 4 side thrust rollers.
 - Maximize load distribution and reduce free play.
- **STEERING AXLE**
 - Roller king-pin bearings are tapered and greasable to exclude dirt and extend service-life.
 - Linkage pivot pins are double shear design to withstand impact without loosening or breaking.
- **ONE-PIECE FRAME**
 - Heavy duty, welded, and formed steel plate design protects from impact damage and extends the life of the truck.

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.

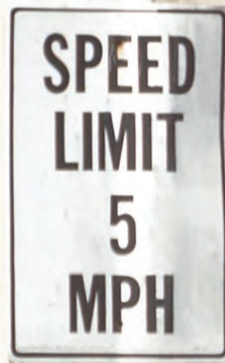


OPERATOR COMPARTMENT

- **CLARK Safety Seat**
 - 15 cm / 6 " fore / aft adjustment.
 - Molded for support.
 - Retractable seat belt.
 - Weight adjustment and full-suspension available.
- **Operator Presence Sensing System**
 - Hydraulic and transmission functions disengage when operator leaves seat.
- **Thick Molded Floor Mat**
 - Reduces vibration and noise level.
 - Improves operator comfort.
- **Hood Mounted Hydraulic Controls**
 - Located and sized for ease of use.
- **Low cowl design**
 - Greatly increases visibility of forks and load.
- **Tilt Steering Column**
 - Adjusts to suit operator & provides easier entry / exit.
- **Mini-lever on Armrest with direction control (Optional)**



CLARK Original Parts You bought the original Keep it that way!



- We don't just build forklifts. As a company, we are also focused on providing our customers with the best possible technical service support and aftermarket parts available.

- **The CLARK PartsPRO® System**
Is our industry-leading electronic parts and service documentation tool that provides dealers with a quick and accurate method of identifying parts for every CLARK forklift build 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



to positively identify and order the correct part(s) from your local CLARK dealer. The right CLARK part - The First Time, Every Time.

- Even though our business starts with a quality, cost effective product, our organization understands that it is the support and service that help keep your business running at peak efficiency.

CLARK[®]
THE FORKLIFT



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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