

# CGC40-70



COMPACT LPG TRUCK  
WITH CUSHION TYRES



Max. capacity  
4.000 / 5.000 / 5.500 / 6.000 / 7.000 kg



- Whether you are transporting paper rolls, steel tubes, large drums or heavy steel coils - with the CLARK CGC-series you can use attachments, such as roll clamps, safely and economically.



- With its cushion tyres, the CGC-series is perfectly suited for use in confined spaces.



## The compact powerhouse from CLARK

The cushion forklifts with capacities from 4 to 7 t are specially designed for space-critical applications with heavy loads, where they excel with their very small turning radius and high performance. These workhorses are powered by the proven PSI six-cylinder, 82 kW LPG engine (4.3 l). This is equipped with a controlled 3-way catalytic converter.

# 7 Tonnes

With a capacity of up to 7,000 kg the CLARK models from the CGC-series 40/50/55/60/70 provide reliable power in any application.

- The nested upright sections allow space for cylinders, hoses and chains and offer the driver unhindered visibility of the forks and the load through the upright.

**Unhindered visibility + Minimum fatigue =  
Ultimate safety & Maximum productivity**



# STANDARD FEATURES & BENEFITS



## PARKING BRAKE

### Easy and reliable

- Foot-activated parking brake
- When the parking brake is applied, the transmission is switched off to prevent driving against the brakes

## HYDRAULIC SYSTEM

### Optimum power distribution

- Load-dependent distribution of the oil flow on the steering and lift hydraulics

### Hydraulics on attachments adjustable (volume flow and overpressure)

- The main hydraulic valve has relief valves that can be adjusted to attachments

### Additional functions

- Additional functions are easy to retrofit

### Full-flow return filtration

- A full flow return filtration filters the oil every time it returns to the tank. Coarse particles are filtered directly via a suction filter and do not even enter the oil circuit or attachments.



## POWERFUL DRIVE

### Proven PSI 4.3 I LPG engine

- Economical consumption
- Smooth 6-cylinder engine
- Standard controlled 3-way catalytic converter
- Engines comply with emission stage 5

### Automatic emergency shutdown

- To protect your investment, the temperature of the engines and transmission are monitored. The engine is switched off if necessary.

### Environmentally friendly

- The environmentally friendly engines ensure high performance and smooth operation.

## Available options

- Additional valves
- Hose guides
- Sideshifter
- Strobe light
- Reversing alarm
- Rear work lights
- LED headlights
- Armrests
- Orange seat belt with automatic neutral position
- Side restraints for easy entry
- Full suspension driver's seats (vinyl or fabric)
- Rear handle with horn
- Safety switch for attachments with clamp function
- Tilting gas bottle holder
- Storage panel and drinks holder
- Rearview mirror
- Quick release couplings
- Non-marking tyres
- Pre-filter on overhead guard
- 2 gear transmission for CGC40
- Painted in various RAL colours to customer's requirements



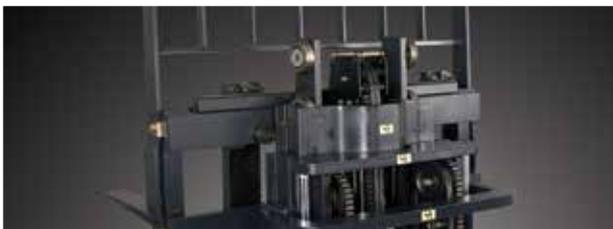
## STURDY TRUCK FRAME

- The chassis consists of welded shaped steel plates that protect against impact damage and give the truck a long service life
- The integrated hydraulic oil tank with decentralised ventilation ensures perfect cooling of the hydraulics even under heavy load.



### STEERING AXLE

- The spherically mounted tie rods withstand shocks from uneven ground without breaking or coming loose
- The tapered roller bearings of the stub axle bearings can be lubricated and ensure a long service life
- The tapered roller bearings used can be replaced quickly during service and reduce downtimes.



### STURDY UPRIGHT AND FORK CARRIAGE DESIGN

#### Unhindered visibility

- Nested upright sections allow space for cylinders, hoses and chains

#### Nested I channels

- The upright sections with I channel are 55 % more torsionally rigid than traditional flat sections
- Less deformation even with side impacts
- As a result, longevity and stability is improved even at high lift heights

#### Angled load rollers

- 6-roller fork carriage with 4 side support rollers
- Optimum load distribution and minimum free play.



### TRANSMISSION

- 1 gear transmission as standard for CGC40
- 2 gear transmission as standard for CGC50-70

#### Electronically controlled automatic switching

- Comfortable and precise travel
- No further adjustment is necessary even in the most difficult operations; sensitive working is ensured

#### Heavy-duty

- The choice of robust components ensures a long service life

#### Inching pedal

- The inching pedal with integrated brake function enables controlled travel with simultaneous fast lifting.



### OPERATOR POSITION

#### Full suspension CLARK vinyl seat as standard

- 15 cm adjustable seating position
- Ergonomically shaped seat cushion
- Seat belt

#### Structured, non-slip floor mat

- Damping of vibrations and noises
- Increases driver comfort

#### Protected lighting

- Work lights, brake and reversing lights and indicators are mounted high to prevent damage

#### Tilting steering column

- For optimum adjustment to the driver

#### Ergonomic hydraulic levers

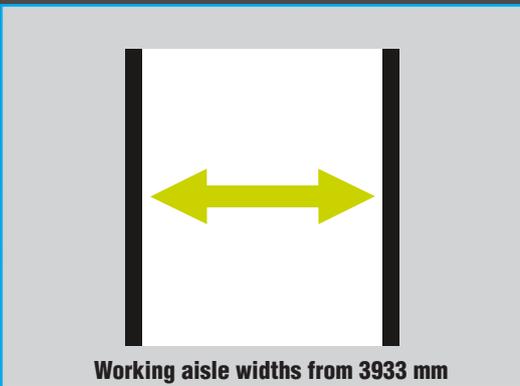
- Handy position for easy operation

## Generous interior with plenty of legroom



The interior of the generously designed operator's workplace offers the driver sufficient headroom and legroom. The driver can enter and exit comfortably via a large step. Handles on both sides of the truck increase safety. The steering column is tiltable and can be adjusted individually.

## A true space wonder



For comparison: the CLARK C40 LPG forklift truck with a 4 t capacity and superelastic or pneumatic tyres has a turning radius of 2,843 mm, while the CGC70 with a capacity of 7 t has a turning radius of 2,728 mm. The truck can also raise 3 t more load with almost the same turning radius. In terms of working aisle width, the CGC70 with a width of 4,425 mm also shines compared to the C40, which has a working aisle width of 4,816 mm.

# Features



## BUILT TO LAST

# & Benefits

## Overhead tilt cylinders

Thanks to the overhead tilt cylinders, the forces acting on the upright during operation are diverted to the rear via the frame of the overhead guard. As a result, the vibrations acting on the driver during operation are reduced and the load is spared.



**CGC60/70**

## Low running costs

- Long maintenance intervals
- High-performance coolers as standard
- Floor board can be removed without service tools
- Reduced fuel consumption through optimum engine efficiency / performance
- Quick and easy access to maintenance-relevant components
- Long service life due to stable CLARK uprights

## Low centre of gravity

Due to the cushion tyres, the CGC-series forklifts have an extremely low centre of gravity.

This allows for extremely high residual capacities even at height. The cushion tyres used have excellent traction on smooth surfaces and hence reduce fuel consumption.



## 100 YEARS INNOVATION IN INDUSTRIAL TRUCK TECHNOLOGY

A centenary is an important milestone that not only stands for consistency, but also testifies to the strength of the CLARK brand over generations. This strength is also reflected in the production figures of the CLARK Material Handling Company: more than one million forklifts in the past 100 years. Even more impressive than the number of forklifts produced is the company's innovative heritage. The success story began in 1917, when employees of the CLARK Equipment Company in Buchanan, USA, built a three-wheel platform truck with a loading container to transport sand and castings on the factory premises. The truck named the "Tructractor" became the first ICE truck and was a great success. The industrial truck was



born and CLARK developed the first forklift truck with a hydraulic lifting device. Over the years, numerous outstanding inventions followed, including the nested I-beam upright, the overhead guard and the driver restraint system. The basic principles of Eugene B. Clark still remain today: "Always strive to build the best – "good enough" should not be the goal". The company is always focused on the future and continues to focus on technology and trends to drive materials handling worldwide.

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



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