

S SERIES



S20-35

DIESEL AND LPG DRIVE
PNEUMATIC/ SUPERELASTIC TYRES



S20C - 32C

LPG DRIVE
CUSHION TYRES

Max. capacity
2.000 / 2.500 / 3.000 / (3.200) 3.500 kg
EU-Stage 5 -Diesel
EU-Stage 5 -LPG

CLARK®



S SERIES

Virtually maintenance-free wet disc brakes

- Enclosed and oil-cooled
- Up to 50 % less effort compared to drum brakes
- Reduced maintenance downtime



S SERIES

SMART • STRONG • SAFE

Protected LED front lights for optimum illuminated field of vision

Also available with cushion tyres to enable operation in confined spaces

Stylish design – solid construction and greater security and operating comfort for the driver. With the S-Series, we have created a truck that focuses on the needs of the operator more than ever before. The next generation of internal combustion forklifts has arrived – the new S-Series.

Split transmission

- Reduces vibrations in the driver compartment
- Ensures smooth operation



S SERIES

SMART · STRONG · SAFE

REDESIGN COMPLETED

Modern interior design with optimised steering column and stylish controls, smooth transition areas and perfectly integrated surfaces



S SERIES

SMART • STRONG • SAFE

■ SMART

Our development standards are traditionally regarded as a reference within the industry and have led to numerous innovations and improvements. The CLARK S-Series is the next generation of forklifts – *smarter* than ever before.

- Low cost of ownership
- Fuel-efficient engines
- Optimum centre of gravity
- Interactive control panel
- Engine and transmission protection
- Integrated service and maintenance tools

■ STRONG

CLARK trucks are BUILT TO LAST®!

Due to the robust design, CLARK trucks offer high performance and dependability over a long service life.

- Wet disc brake
- High residual capacity
- Modern engine variants
- Nested upright rail
- 6-roller fork carriage
- Robust steering axle

■ SAFE

“Safety first” has always been a cornerstone of the CLARK philosophy. More than 100 years of experience ensure that the S-Series is improving these standards even more.

- Automatic parking brake
- Speed reduction
- Improved all-round visibility
- Rear view camera
- Seat belt control
- Load weight measurement and much more



SMART • STRONG • SAFE

AVAILABLE OPTIONS

Unleash the full potential of the S series.

With our extensive range of options, you can adapt your forklift to suit your individual application.



Individual hydraulic functions

Hydraulic levers or mini-levers within easy reach and up to 5 hydraulic functions enable the use of different attachments



Driver cabin (fully equipped)

Heating with proportional heating control valve – double-section side door –
 – sliding windows – Bluetooth radio with USB port –
 – front and rear wiper – heated rear screen
 – cup holder, storage box and document holder



Rear view camera

Increased operational safety with a wide field of vision, installed on the overhead guard



Air conditioning

Excellent cooling performance (4.3 kW) with dehumidifier and integrated cooling and heating functionality



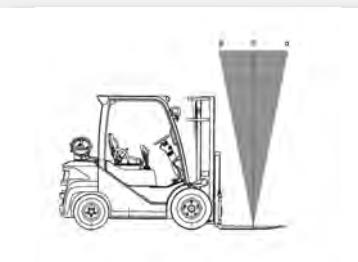
Integrated storage box

Including 12 V power connection, USB charging port on request



Safety light

For visual back-up alarm



Vertical mast system

Automatic tilt lock when upright is in vertical position



Load weight measurement

Direct weight measurement using the forks – saving time and effort



8 km/h - max

Speed reduction

Easy and individual configuration via the display



Smart travel direction switch

Positioning on the hydraulic lever means no reaching over to the steering column

Driver compartment and productivity



- Minimal vibration and noise generation thanks to split transmission
- Comfortable full suspension seat
- Responsive hydraulic levers hood mounted within easy reach
- Non-slip floor plate
- Spacious interior with ample leg room
- Narrow steering column
- Steering wheel with optimal diameter ($\phi=300$ mm)
- Brake servo
- Optimised step height for easy entry and exit

Smart Display



- 5-inch TFT colour display
- Real-time diagnostics
- CAN bus system
- Password-protected service access
- Transmission protection management
- Selection of different warning signs (optical / acoustic)
- Fuel efficiency truck management options
 - Automatic engine shut down timer for excessive engine idling
 - Automatic light switch-off



SMART • ST

ERIES



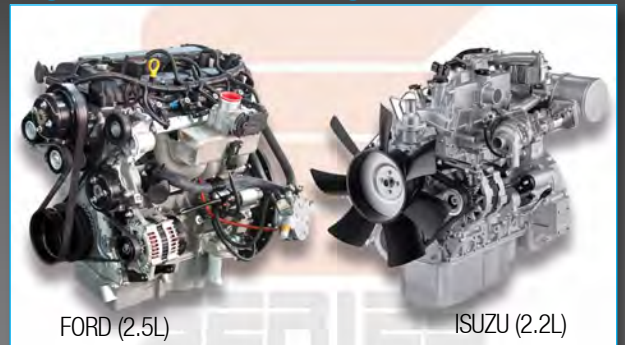
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Low cost of ownership



- Low cost of ownership
- Long service intervals
- Simplified service
- Powerful radiator
- Tool free floor plate removal
- Reduced fuel consumption thanks to optimum engine efficiency/performance
- Wet disc brake with oil cooling
- Serviceability: all components are easily accessible for maintenance
- Long service life thanks to robust CLARK uprights

High Performance Engines



FORD (2.5L)

ISUZU (2.2L)

FORD (2.5L) LPG engine

- Fuel-efficient industrial engine
- 4-cylinder design
- Meets all Stage 5 emission standards
- Electronic speed measurement
- ECU-controlled map ignition for more torque and low fuel consumption

ISUZU (2.2L) diesel engine

- Turbocharger with intercooler
- Meets all Stage 5 emission standards
- Direct fuel injection with high peak torque
- DPF (diesel particulate filter)
- DOC (diesel oxidation catalyst)

YANMAR (3.3L) diesel engine

- For non-EU diesel engine emission regulation countries (Stage IIIa).

STRONG ■ **SAFE**



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 "Trutractor", 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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S-SERIES BROCHURE

PRINTED IN GERMANY
© 2020 CLARK EUROPE GmbH
S20/25/30/32C & S20/25/30/35
S4581099