

GEX20-30



KNIGHTSBRIDGE
mechanical handling Ltd

ELECTRIC 80 VOLT
SUPERELASTIC TYRES



Max. capacity
2000 / 2500 / 3000 kg

CLARK



- The low step height means frequent entry and exit is easy and less tiring for the operator.

- Superelastic tyres provide a soft ride and allow for indoor/outdoor operation.



Highly Maneuverable, Easily Serviceable, Broadly Flexible, Extremely Dependable

Wet and uneven floors, and tight working environments are not a problem for the GEX20-30L, just enjoy the exceptional performance and maneuverability. Various options ensures that you will always have the right truck for your working conditions.

80 Volt

The 80 volt high performance drive and lift systems allow the GEX to rival internal combustion truck performance in speed, acceleration and gradeability.

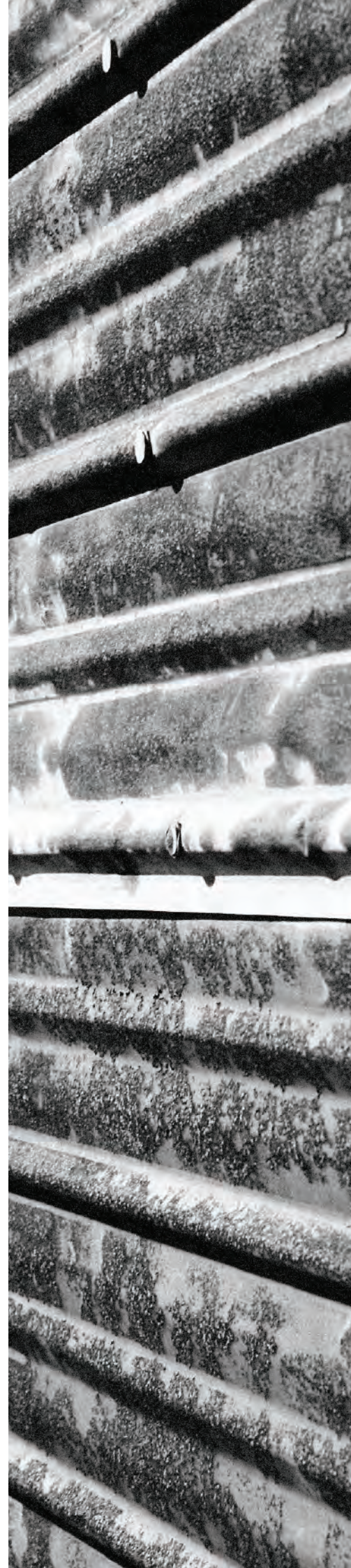
- Driving with remarkable acceleration, gradeability, and stability is always available with GEX dual drive motors. Each motors' speed and direction is proportionally regulated by steer tyre position. A sharp-turn steer axle enables 101% perfect turning radius.

**Smooth Control + Easy Operation =
Operator Confidence & Optimum Comfort**

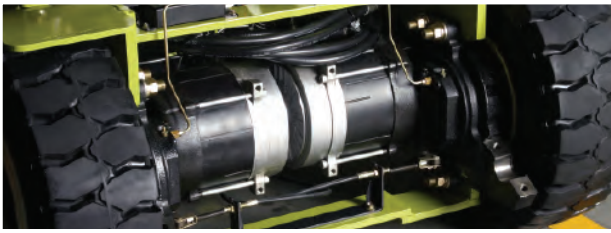


- Hydraulic levers are conveniently mounted on the hood beside the operator for comfortable, effortless access.

Products may be shown with optional equipment.



GEX STANDARD FEATURES & BENEFITS



HEAVY DUTY AC DRIVE MOTORS

■ Fewer Parts & Minimum Wear = Less Downtime and Cost = Higher Return on Investment

- Enclosed • Brushless • Thermal protection
- Stall protection • Suitable for wet applications
- Dual/powering reversing for tight turns

REGENERATIVE & WET DISC BRAKES

■ Three Forms of Regenerative Braking

- Accelerator release. (Proportional to accelerator position)
- Change of direction. (Proportional to accelerator position)
- Service brake. (Foot Brake)

■ Wet Disc Brakes

- Enclosed and oil cooled for smooth, quiet operation.
- Built with long life lining material.
- Less downtime.



80 VOLT 100% AC SYSTEM

■ High Performance

- Rivals IC truck performance in speed, acceleration and gradeability.

■ More Efficient System

- Higher Voltage = Lower cable Loss & Heating = Greater Efficiency

■ Auto Shut-Down

- Protects your investment. The motor temperature is always monitored, in case of overheating the motors performance will automatically be reduced.

■ Better Suited to Fast/Rapid Charge

- GEX 20/25 can accommodate 54 kwh battery.
- GEX 30 can accommodate 60 kwh battery.

Standard Equipment

- 80 Volt
- Wet Disc Brakes
- Single Aux Valve
- Tilt Steer Column
- Zero Turn Steer Axle
- Regenerative Braking
- Superelastic Tyres
- Hood Mounted Levers
- Vinyl Full Suspension Seat
- Hydrostatic Power Steering
- Power Reversing Drive Motors
- OHG Mounted 12 Volt Head Lights
- Programmable, Colour Dash Display
- 100% AC (drive and pump control)
- Turn signal lamp (front)
- Combination lamp (back)

Optional Equipment

- Sideshifters
- Pneumatic Tyres
- Double Aux Valves
- Hi-Lo and Triplex uprights
- Non-Marking Drive Tyres
- Cold Storage with Heaters
- Lights and Backup Alarm
- Cloth Full Suspension Seat
- Mini-Lever
- Mini-Joystick
- Various Cab-Versions
- Side battery removal
- Fork positioner



EASILY SERVICED

- The rear control cover is hinged and supported by gas struts for easy service access from a standing position. On board diagnostics allow servicing mechanic to check fault codes via display without service tool.



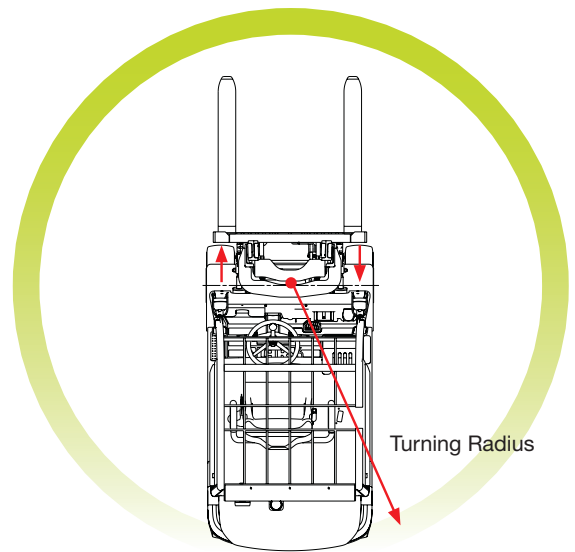
RUGGED UPRIGHT AND CARRIAGE

- **Hydraulic Cushioning Valves**
 - Silent Staging Reduces Shock & Vibration.
- **Anti-Rattle Upright**
 - Shims added to reduce rattle when forks are lowered.
 - Robust and warp resistant design
 - Smooth transitions between the upright stages
 - Wide vision window
 - Nested & interlocked cold rolled rails for strength & stability
 - Canted/angled totally sealed roller bearings - friction free
 - 6- Canted carriage rollers are standard



STABLE PLATFORM

- **Low center of gravity**
 - low positioning of battery between the axles gives a low center of gravity for optimum stability.
- **Speed control when cornering**
 - Reduces truck travel speed in turns.



POWERED REVERSING DRIVE MOTORS & ZERO TURN STEER AXLE

- **Pivot Point Between Drive Tyres**
 - Zero turn steer axle provides the tightest possible turning radius.
- **Twin motor drive**
 - Provides added traction, especially on wet or uneven surfaces.
- **Anti scuff protection**
 - Inside wheel power reverses in tight turn preventing scuffing of steer tyres like conventional 4-wheel trucks.
- **Steer Sensor**
 - Relays steer tyre position to control.



INTERACTIVE LCD DASH DISPLAY

- **Fully Adjustable/Programmable**
 - The operator can select from 4 pre-set performance modes.
 - Additional adjustments can be made to maximize performance in certain operations.
- **Alarm codes**
 - Indicates the current alarm code and stores previous alarm codes for quick access.
- **Password Protected**
 - Certain adjustments are password protected to allow only authorized operators to make adjustments.



Dependable Parts
=
Dependable Trucks



- 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. Parts Pro® ensures the availability of the most current technical information and has the unique capability to create parts manuals specific to your mixed CLARK fleet, making it simple



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®
BUILT TO LAST



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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