





Highly Maneuverable, Easily Serviceable, Broadly Flexible, Extremely Dependable

In the past, one truck would be used for outdoor applications and another truck would be used for indoor warehousing. Now one GEX can handle both environments, leaving you with the realization... two "hands" aren't always better than one.





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

Speed of the independent dual-drive motors is factored by steer angle; this reduces
tire wear and enables gentle start-up, even when steering is fully locked. Solidpneumatic tires, plus enclosed motors and sealed controls, allow the truck to operate
outdoors as well, making the GEX an excellent indoor/outdoor truck. Also ask your
local CLARK dealer about the optional armrest fingertip controls that are available.

Maximum Visibility + Minimum Fatigue = Increased Safety & Product Integrity



GEX STANDARD FEATURES & BENEFITS



HEAVY DUTY AC DRIVE MOTORS & AXLES

- Fewer Parts & Minimum Wear = Less Downtime and Cost = Higher ROI
- Enclosed Brushless Thermal protection
- Stall protection Suitable for wet applications
- Dual-powered, independent control for tight turns
- Same motors for E & EE

REGEN & WET DISC BRAKES

■ Three Forms of Regen Brake

- 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.
- "Wet" brakes provide long life.
- · Less downtime.



80 VOLT 100% AC SYSTEM

■ High Performance

· Rivals I.C. truck performance in speed, acceleration and gradeability.

More Efficient System

 Higher Voltage = Lower Line Loss & Heating = Greater Efficiency

Better Suited to Fast/Rapid Charge

• Only requires one receptacle via single battery connector.

More Battery Capacity

• GEX 40/45/50 can accommodate a 71.8 Kwh battery.

Standard Equipment

- 80 Volt
- Wet Disc Brakes
- Single Aux Valve
- Tilt Steer Column
- Regenerative Braking
- Solid Pneumatic Tires
- Hood Mounted Levers
- Vinyl Full Suspension Seat
- Hydrostatic Power Steering
- Independent Drive Motors
- OHG Mounted 12 Volt Headlights
- Programmable, Color Dash Display
- 100% AC (drive and pump control)

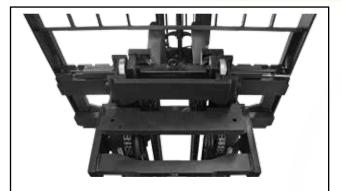
Optional Equipment

- Sideshifters
- **EE Construction**
- **Armrest Controls**
- **Double Aux Valves**
- 2, 3, & 4-Stage Uprights
- Cold Storage with Heaters
- Lights and Backup Alarms
- Cloth Full Suspension Seat



EASILY SERVICED

The cover for the rear controls quickly unscrews allowing convenient service access from a standing position. Onboard diagnostics allow servicing mechanic to check fault codes without service tool.



RUGGED UPRIGHT AND CARRIAGE

- Hydraulic Cushioning Valves
 - Silent Staging Reduces Shock & Vibration.



STABLE PLATFORM

■ Lower Center of Gravity

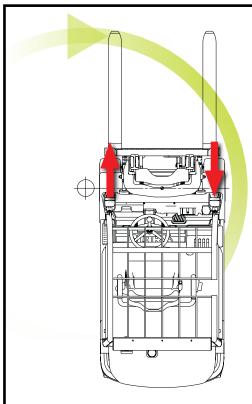
 Improved driveability by moving the steer axle back while lowering the battery compartment and all major components.

■ Wide Stance

• Increases lateral stability while lifting/lowering loads.

■ Curve Cutback

Reduces truck travel speed in turns.



POWERED INDEPENDENT DRIVE MOTORS

■ 2-Wheel Drive

 Provides added traction, especially on wet or uneven surfaces.

■ Will Not Scuff Tires

 Inside wheel power decreases in tight turns preventing scuffing of steer tires, unlike conventional four-wheel trucks.

■ Hall Effect Steer Sensor

• Relays steer tire position to controller.



INTERACTIVE LCD DASH DISPLAY

■ Fully Adjustable/Programmable

- The operator can select from four 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.

GENERAL DATA & STANDARD DIMENSIONS

Upria	ht Table					
Maximum Fork Height in mm			Overall Height Lowered in mm		Free Lift w/LBR in mm	
98 106 118 130 138 146 157 177 197	d Two Stage 2500 2700 3000 3300 3500 3700 4000 4500 5000	— GEX4 78 82 88 94 97 101 107 117 127	10/45/50 1975 2075 2225 2375 2475 2575 2725 2975 3225	5555555555	130 130 130 130 130 130 130 130 130	8/8 8/8 8/8 8/8 8/8 5/6 5/6
Triple \$ 146 157 169 177 189 197 216 236 256 275	Stage — GEX 3700 4000 4300 4500 4800 5000 5500 6000 6500 7000	440/45/5 79 83 87 89 93 96 102 109 116 122	2002 2102 2202 2202 2269 2369 2436 2603 2770 2937 3104	31 35 39 41 45 48 54 61 68 74	782 882 982 1049 1149 1216 1383 1550 1717 1884	5/6 5/6 5/6 5/6 5/6 5/3 5/3 3/3 3/3 3/3
Hi-Lo — 106 118 130	- GEX40/45/5 0 2700 3000 3300	83 89 94	2099 2249 2399	35 41 46	879 1029 1179	8/8 8/8 8/8

• For Triple stage and Hi-lo uprights, free lift increases by 610 mm (24") without LBR.

Battery Compartment Dimensions

Width (W) in mm	Length (L) in mm	Height (H) in mm	Weight Ibs kg
GEX 40/45/50 — Stan 40.5 (1029)	dard 39.3 (998)	30.8 (782)	4562 (2069)
GEX 40/45/50 — Opti 40.5 (1029)	onal 33.6 (853)	30.8 (782)	3903 (1770)

See Tilt

· Note: Optional battery will reduce truck capacity. Consult factory for details.

15

Grade Clearance*

GEX 40	34%
GEX 45	31%
GEX 50	31%

* The GEX is designed for operation on and over grades but must be limited to 20%.

Tilt Specifications*

Upright MFH in. (mm)	Tilt Angle B°/ F°
Standard uprights thru 146 in. (3780 mm) and Hi-Lo thru 130 in. (3300 mm)	8/8
TSU thru 189 in. (4800 mm), Standard 157 in. (4000 mm) thru 177 in. (4500 mm)	5/6
TSU 197 in. (5000 mm) thru 216 in. (5500 mm) and 197 in. (5000 mm) Standard	5/3
TSU 236 in. (6000 mm) thru 275 in. (7000 mm)	3/3

^{*} Standard tilt with MFH's noted. Contact Clark representative for information on optional tilt.

Notes

Performance may vary +5% and -10% due to motor and systems efficiency tolerance. The performance shown represents nominal values which may be obtained under typical operating conditions of a standard machine.

ANSI/ITSDF and Insurance Classification

Standard truck meets all applicable mandatory requirements of Part III-ANSI/ITSDF B56.1 Safety Standard for Powered Industrial Trucks (latest edition at time of manufacture) and Underwriters Laboratories requirements as to fire and electrical shock hazard only for "E" classification. For further information contact a Clark representative.

Users should be aware of, and adhere to, applicable codes and regulations regarding operator training, use, operation and maintenance of powered industrial trucks, including:

- ANSI/ITSDF B56.1 NFPA 505, fire safety standard for powered industrial trucks type designations, occupational Safety and Health Administration (OSHA) regulations that may apply.

Contact your authorized CLARK forklift truck dealer for further information including operator training programs and auxiliary visual and audible warning systems, fire extinguishers, etc., as available for specific user applications and requirements.

Specifications, equipment, technical data, photos and illustrations are based on information at time of printing and are subject to change without notice. Some products may be shown with optional equipment.

And Don't Forget... Safety Starts With You! Before operating a lift truck,

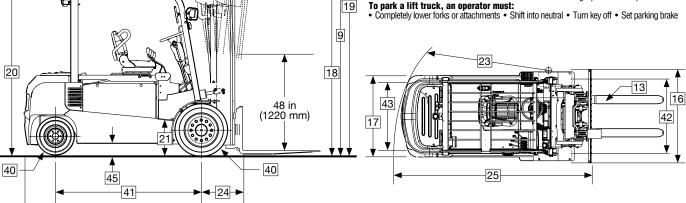
- an operator must:Be trained and authorized
- Read and understand
- operator's manual Not operate a faulty lift truck Not repair a lift truck unless
- trained and authorized
- Have the overhead quard and load
- backrest extension in place Perform daily inspections

During operation.

- a lift truck operator must:

 Wear a seat belt
- Keep entire body inside truck cab
- Never carry passengers or lift people Keep truck away from people
- and obstructions
- Travel with lift mechanism as low as possible and tilted back
- Allow safe stopping distance and come to a complete stop before leaving operator compartment

To park a lift truck, an operator must:



STANDARD SPECIFICATIONS

GEX40/45/50

1								
Bard Catachy But B		1	Manufacturer			Clark	Clark	Clark
Back	ieral Information	2		Manufacturer's Designation				
Packet System		3	Load Capacity	3	lbs(kg)			10000/4990
Packet System		4		Fork Face to Load CG	in(mm)	24 (500)	24 (500)	24 (500)
Packet System		5		Electric				
Packet System		6	Operator Type			Rider Counterbalanced	Rider Counterbalanced	
Packet System	Ger	7						Solid Pneumatic
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Description Company					in(mm)			
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57 Hydraulic Pressure Adjustable Adjustable Adjustable Adjustable				•				
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See upright table for other available uprights. Lost load dimension is for standard or Hi-Lo uprights and standard forks. Add 34 mm for triple stage uprights. Add 74 mm for Clark integral side-shifter. Add 78 mm for Clark hang-on side-shifter.

 ³ Specifications are given with preferred triple stage upright and minimum battery weight.
 4 Ground clearance at center of wheelbase is 6.0" and 5.3" at drive tires.
 5 All service weights are for units equipped with 130" STD upright.

- We don't just build material handling equipment. As a company, we are also focused on providing our customers with the best possible technical service support and aftermarket parts available.
- Even though our business starts with a quality, cost-effective product, our organization understands that it is the support and services we provide after the sale that help keep your business running at peak efficiency.
- THE CLARK PartsPRO®Plus 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 lift truck built 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 CLARK fleet, making it simple to positively identify and order the correct part(s) from your local CLARK dealer. The right CLARK parts—The First Time, Every Time.
- UNRIVALED PARTS SUPPORT

 Our Aftermarket Distribution Center
 provides parts to over 250 North
 American CLARK dealers and many
 international dealers. This CLARK
 operated 184,000 square foot facility
 is dedicated to supporting the CLARK
 models built over the last 90 years.
 This facility is focused on providing
 excellent off-the-shelf availability,
 quality parts, quick response time
 and competitive pricing.

DEPENDABLE PARTS = DEPENDABLE TRUCKS

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