

# **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 lift trucks 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 the 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 a great success. The industrial truck was

born and in the process CLARK developed the first hydraulic lift. 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: "Aim always to build the best; never be content with just as good". Today the company remains focused on a bright future and the technologies and trends driving the material handling industry around the world. One Purpose, One Brand, One Legacy, One Century.



40/70



# CLARK MATERIAL HANDLING COMPANY

North American Headquarters 700 Enterprise Drive • Lexington, KY 40510 866-252-5275 • www.clarkmhc.com

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50-804-0007

CTX40/70

Printed in USA • OTP042215 © 2022 CLARK Material Handling Company Max Tow Capacity 8800 / 15,400 lbs.. (4000 / 7000 kg)









The **100% AC** 48-Volt high performance drive system, and regenerative braking, give the compact rear-wheel drive CTX exceptional acceleration, speed, and gradeability.







- Clamshell hood
- One-step floorboard removal
- Centralized fuse box & relay panel
- Externally mounted drive motor speed sensor

Allows a qualified service technician quick and full access to major components.



The CLARK handset can be used for diagnostics and settings of up to 20 different performance parameters to match vour requirements.

## Highly Maneuverable, Easily Serviceable, Broadly Flexible, Extremely Dependable

The reinforced all steel frame, solid pneumatic tires, large drum brakes, and optional weather enclosure ensures that the CLARK CTX 3-wheel Tow Tractor operates with the same ease of use, flexibility, and rugged durability that has been at the center of CLARK's manufacturing of material handling trucks for nearly 100 years.

# DATA / SPECIFICATIONS / DIMENSIONS

### **Battery Compartment Dimensions** — A-20 SB350 Grey Connector

Length (L) Height (H) Min. Weight mm lbs kg CTX 40 32.8 (833) 16.5 (419) 23.2 (589) 882 (400) CTX 70 32.8 (833) 16.5 (419) 23.2 (589) 1191 (540)

\*\*\* All sizes are nominal. Actual batteries must be undersized to allow for clearance for easy install/removal Recommended battery should be 1/2" - 3/8" less than listed dimensions.

#### **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-ANS/ITSDF B56.9 Safety Standard for Operator Controlled Industrial Tow Tractors (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 B56.9 NFPA 505, fire safety standard for powered industrial trucks type designations, areas of use, maintenance and operation.

  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!

# an operator must:Be trained and authorized.

- Read and understand
- operator's manual
- Not operate a faulty tow tractor. Not repair a tow tractor unless trained and authorized.
- To park a tow tractor.
- an operator must:

   Shift into neutral.
- Turn key off

### Before operating a tow tractor, During operation, a tow tractor Keep entire body inside

- tractor chassis.
- Never carry passengers. Keep tractor away from
- people and obstructions. Allow safe stopping distance and come to a complete stop before leaving operator
- compartment.
  Perform daily inspections

## OPTIONAL EQUIPMENT AVAILABLE:

 AIR TIRES • CLOTH, FULL-SUSPENSION SEAT • WEATHER ENCLOSURE BACKUP ALARMS • MIRRORS • INCHING SWITCH w/ CRAWL SPEED BUTTONS

MULTIPLE HITCH CONFIGURATIONS

1 Manufacturer CLARK Manufacturer's Designation CTX40 CTX70 3 Rolling Load Capacity 8800 (4000) 15400 (7000) 48 Volt 48 Volt Flectric 5 Power Unit 6 Operator Type Rider Rider **3** 7 Tire Type Solid Pneumatic Solid Pneumatic Front/Rear 8 Wheels (x=driven) 1/2x 1/2x 15 Overall Dimensions 17 Width Over Frame 39.2 (995) 39.2 (995) Length w/ Hitch I w/o Hitch in(mm) 18 72 (1830) / 68 (1730) 72 (1830) / 68 (1730) 19 Coupling Height 11.6 (295) 11.6 (295) in(mm 20 Height, Weather Enclosure in(mm 80.1 (2035) 80.1 (2035) 21 Step Height Ground to Top of Step Plate in(mm 18.5 (470) 18.5 (470) 22 Loading Height in(mm Ground to Cargo Area (unloaded) 23.8 (605) 23.8 (605) Length of Loading Surface 16.5 (420) 16.5 (420) in(mn Width of Loading Surface in(mm 30.2 (767) 30.2 (767) 67 (1700) 23 Turning Radius 67 (1700) Turning Radius in(mm 21.7 (550) 21.7 (550) 24 in(mm) Inside Turning Radius 25 Overhang 12.2 (310) 12.2 (310) Center of Rear Axle to Face of rear bumper in(mm 26 Seat Height Ground to top of Seat Cushion in(mm 36.2 (920) 36.2 (920) 27 28 Speeds Travel Speed, Max w/ Load mph(kph 5.6 (9) 4.3 (7) 10.6 (17) 29 Travel Speed, Max w/o Load mph(kph 8.1 (13) 30 31 34 Service Weight lbs(kg) 2006 (910) 2315 (1050) 35 Axle loading Unload, Front / Rear lbs(kg) 860 (390) / 1147 (520) 948 (430) / 1367 (620) Unloaded, Rear lbs(kg 1146 (520) 1367 (620) 39 Tires Number, Front/Rear 1/2 4.0 (8) Size, Front in(mm 4.0 (8) Size, Rear 4.0 (8) 4.0 (8) in(mm 41 Wheelbase in(mm 45.6 (1160) 45.6 (1160) 42 Track in(mm 34.25 (870) 34.25 (870) **44** Ground Clearance At Center of Wheelbase in(mm 3.54 (90) 3.54 (90) HP(kW) **45** Drive Motor Rating S2-60m 8 (6.0) 8 (6.0) 46 Service Brake Regen / Drum & Shoe Regen / Drum & Shoe 48 Battery Lead-Acid Lead-Acid Weight, Min 882 (400) 1191 (540) lbs(ka) **Drive Motor Control** AC Inverter AC Inverter Max Capacity (6 hr rated) kW 14.0 57 Towing Coupling, Type Pin Type Pin Type **58** Sound Level Avg. at Operator's Ear Per ANSI B56.11.5 dB(A) 69.5



