

6-SERIES

ELECTRIC WALKIE
COUNTERBALANCED
STACKER

6BWC



Capacity:

2,000 to 4,000 lbs.

907 to 1,814 kg



Electric Walkie Counterbalanced Stacker

2000 to 4000 lbs. / 907 to 1814 kg

Toyota's walkie counterbalanced stacker is a high performing, versatile, maneuverable and easy to use lift truck. It's the perfect solution for everyday material handling duties.

Reliability / Durability

- **24 volt electrical system** provides greater performance and longer work cycles compared to some competitive 12 volt systems.
- **UL-approved model type E** to meet specific environmental conditions.
- **Electrical, hydraulic and mechanical components** are protected by one fully-hinged steel service door for less internal damage.
- **Power-on self test and run-time diagnostics** provide exceptional reliability.
- **Entire power-train** is enclosed and operates in an oil bath insuring long life.
- **Transmission is a heavy duty helical spur gear type** that ensures a long trouble-free life and lower noise.
- **Drum brake** is mounted on the drive motor armature shaft to multiply braking power through the double-reduction transmission.

Operability / Performance

- **Transistor control system (MOSFET)** requires no contactors to control the separately excited drive motor (SEM).
- **The SEM drive motor** offers smooth, step-less acceleration and improved battery efficiency.
- **Fully programmable drive system** offers precise control of the truck and reduces product damage.
- **Spring-loaded torsion bar suspension**, with automatic load-sensing adjustment and stabilizing casters, provides optimum loading on the drive tire to reduce steering effort and provide proper braking traction.
- **The electric lift/lower controls** in the handle are equipped with a pressure-compensated valve for constant lowering in all conditions.
- **Contoured manual lift/lower control levers** allow precise pallet placement.
- **Top-mounted drive unit** includes dual-tapered roller bearings for strength and reduced steering effort.



Drive Unit

- 24 volt electrical system
- MOSFET transistor control system
- Separately excited drive motor (SEM)
- Heavy duty hydraulic pump motor
- Programmable performance
- Class 'H' motor insulation
- Oil-immersed power-train
- Automatic resetting circuit breaker
- Reverse polarity protection



Instrument Panel

- On/off key switch
- Emergency power disconnect switch
- Power-on self test with self-diagnostics
- Hour meter (optional)
- Battery discharge indicator (optional)
- Combination battery discharge/hour meter indicator (optional)
- Combination battery discharge/hour meter indicator with lift interrupt (optional)

Ease of Service

- **No-tools steel service access door** provides easy access to all major components for inspection and maintenance.
- **No drive contactors** reduce routine maintenance.
- **All electrical and hydraulic** components are logically separated for reduced maintenance problems and easy service.
- **The drive tire** can be changed by removing one nut.
- **Transistor controller** allows complete diagnostics with the use of a hand-held analyzer.
- **Automatic resetting circuit breaker** on the power unit shuts off and resets automatically to protect vital components.

Ergonomics

- **Hand grips** are designed at an 8.5° angle to fit the operator's natural hand position comfortably, reducing fatigue.
- **The multi-function control handle** comes equipped with large dual thumb wheels, lift, lower and horn buttons for enhanced comfort. It provides easy thumb-activation of all controls with either hand.
- **High visibility mast** allows the operator to clearly see the fork tips and a wider work area.



Durable Frame

- Heavy duty bumpers
- Fully-hinged steel service access door
- Heavy gauge steel construction
- Heavy duty mast with interlocking I-beam operating on canted ball bearing rollers
- Grease points for ease of service
- Wide view 2-stage mast (V)
- Wide view full free lift 2-stage mast (FV)
- Wide view full free lift 3-stage mast (FSV)

Options

- Twist grip in place of thumb control
- UL-approved model type EE
- Corrosion conditioning
- Cold storage conditioning
- Audible travel alarm
- Battery compartment rollers
- Toggle switch in place of key switch
- Sideshifter
- 30" (762 mm), 36" (914 mm) or 48" (1,219 mm) fork lengths
- 36" (914 mm) or 44" (1,118 mm) load backrest extension
- Various drive tire compounds
- Various battery connectors
- Various strobe lights
- Various flashing beacons



Ergonomic Handle

- Control handle with ergonomic 8.5° angle
- Dual thumb wheels for direction control & travel speed
- Wrap-around steel control knuckle guard and column
- Fingertip control of all functions
- Full width push buttons for lift, lower & horn functions
- Extra large buttons are work glove friendly
- Direction reverse switch at the end of the control handle
- Choice of thumb control or twist grip
- Pressure overload valve & lowering control fuses



Heavy-Duty Wheels

- Rubber drive tire, 10.5" x 5" (267 mm x 127 mm)
- Polyurethane load wheels, 10" x 4" (254 mm x 102 mm)
- Polyurethane caster wheels, 4" x 2.5" (102 mm x 64 mm)
- 30" (762 mm) wide ITA class II fork carriage
- 42" (1,067 mm) fork length
- 48" (1,219 mm) load backrest extension
- Mast tilt, 3° fwd / 8° bwd

