

## ELECTRIC WALKIE ADJUSTABLE STRADDLE STACKER

# 7BWS10.13

### 2,000 & 2,500 lbs

Toyota's state-of-the-art walkie straddle stacker with adjustable baselegs is a versatile, highly maneuverable, cost-effective material handling solution.



### RELIABILITY/DURABILITY

- **24 volt electrical system** delivers efficient power for maximum performance and longer work cycles.
- **One-piece, high-strength service cover** protects the electrical, hydraulic and mechanical components against damage.
- **Controller Area Network (CAN-bus)** communication technology provides quicker, more reliable control from the operator to the drive motor with fewer components.
- **Regenerative braking** improves overall efficiency and prolongs brake component life.
- **Interlocking mast channel construction** with ball bearing roller design for long, trouble-free life.
- **Spring-loaded control handle** automatically applies the parking brake when the handle is released.

## TOYOTA INGENUITY

### OPERABILITY/PERFORMANCE

- **Separately Excited (SepEx®) drive motor** offers excellent acceleration and top travel speed loaded or unloaded, while improving battery efficiency through regenerative braking.
- **SepEx® Transistor Control System** with MOSFET delivers smooth speed control for precise positioning of the truck, which improves operator efficiency.
- **Fully programmable drive system** offers better control of the truck and reduces product damage.
  - **Password-protected performance parameters** for up to 10 individuals may be customized through the digital display to meet a wide range of job applications and operator skill levels.
  - **Electric lift/lower controls** on the handle are equipped with a pressure-compensated valve for constant lowering in all conditions.
  - **Auto-Off system** is programmable to conserve battery power.

### EASE OF SERVICE

- **One-piece lift-off service access cover** provides easy access to all major components for inspection and maintenance to reduce service time and increase uptime.
- **No drive contactors** reduce routine maintenance and inspection time.
- **Electrical and hydraulic components** are logically separated for ease of service.
- **Programmable service indicator** notifies operators of planned maintenance and service needs through the display.
- **Self-diagnostics** provided through the digital display allow easy trouble-shooting without the use of an external hand-held analyzer.

### ERGONOMICS

- **Multifunction control handle** comes equipped with large dual thumb wheels, lift, lower and horn buttons for simplified operation of all controls with either hand.
- **Hand grips** are designed at an angle to fit the operator's natural hand position comfortably, helping to reduce fatigue and increase operator efficiency.
- **Directional thumb wheels** are ergonomically designed to enhance comfort by minimizing hand and wrist fatigue associated with twist grip.
- **Safety glass mast guard and high visibility mast** allow the operator to clearly see the fork tips and a wider view of the work area.

## ERGONOMIC CONTROL HANDLE

- Control handle with ergonomically angled hand grips
- Dual thumb wheels for direction control & travel speed
- Fingertip control of all functions
- Large push buttons for lift, lower & horn functions
- Large buttons are work-glove friendly
- Direction reverse switch at the end of the control handle
- 182° steering arc

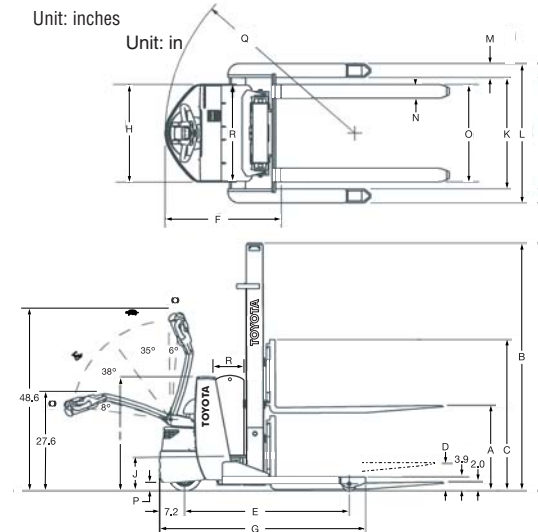


## DIGITAL DISPLAY

- Numerical field
- Hour meter indicator
- Parameter control indicator
- Battery discharge indicator with lift interrupt
- Error indicator with self-diagnostics

## 7BWS10.13 - SPECIFICATIONS

Unit: inches



Model	7BWS10	7BWS13
Capacity (with 24" Load Center)	2000 lbs	2500 lbs
Maximum Fork Height (MFH)		128"
Mast Lowered Height		84"
Mast Extended Height		168"
Free Lift		6"
Wheelbase		47.1"
Head Length (Length to Fork Face)		33.2"
Truck Length (Length to End of Baselegs)		58.9"
Power Unit Width		28"
Power Unit Height		32.8"
Battery Floor Height		10"
Base Leg Inside Dimension (I.D.) - Adjustable		32" to 51"
Base Leg Outside Dimension (O.D.) - Adjustable		40" to 59"
Baseleg Width		4"
Fork Size (TxWxL)		1.5"x4"x42"
Fork Adjustment (Min./Max.)		10"/31.5"
Underclearance		2.2"
Outside Turning Radius		54.2"
Battery Compartment (LxW) - Open Height		27.3"x7.8"
Voltage		24V
Maximum Battery Amperage		255 AH
Battery Connector Cable Location/Length		B/15"
Battery Connector/Color		SB-175/Red
Battery Weight (Min./Max.)		290 lbs/550 lbs
Travel Speed	Full Load/No Load	3.4 mph/3.6 mph
Lifting Speed	Full Load/No Load	25/41 fpm 22/41 fpm
Lowering Speed	Full Load/No Load	47/44 fpm 48/44 fpm

CONTACT YOUR LOCAL DEALER FOR COMPLETE LIST OF OPTIONS & SPECIFICATIONS.

## OPTIONS

- Battery/charger pack (24V) maintenance-free (195 AH)
- Battery/charger pack (24V) swing-out tray (152 AH)
- Battery compartments - 6.8" or 9"
- UL-approved model type 'E' or 'EE'
- Various drive tires & fork lengths

## ELECTRONIC KEY PAD

- Touch-pad, keyless entry system with password protection
- Password-protected programmable performance parameters for up to 10 operators
- Programmable neutral speed reduction (coast control)
- Auto-off system (programmable)
- Fault code memory with hour meter reading
- Programmable service indicator
- Emergency power disconnect switch



## POWER SYSTEM

- 24 volt electrical system
- Separately Excited (SepEx®) drive motor
- SepEx® transistor control system
- Anti-roll protection system
- Contactor-less drive controls
- Class 'F' motor insulation
- Regenerative braking
- Overload protection valve



## HEAVY-DUTY WHEELS

- 32" to 51" adjustable straddle baseleg openings (inside dimensions)
- Bolt-on baselegs with tapered toe box
- Polyurethane drive tire, 10" x 5"
- Single polyurethane load wheels, 4" x 5"
- 33.9" wide ITA class II fork carriage
- 42" fork length
- 40" load backrest extension



## DURABLE FRAME

- Wrap-around heavy duty, steel bumper
- One-piece, high-strength service cover with pen and pencil storage tray
- Rugged, all-steel frame construction
- Bolt-on mast mounting
- Safety glass mast guard
- Wide view 2-stage mast (V)
- Wide view full-free lift 2-stage mast (FV)
- Full-free lift simplex mast (S)

