

# 6-Series

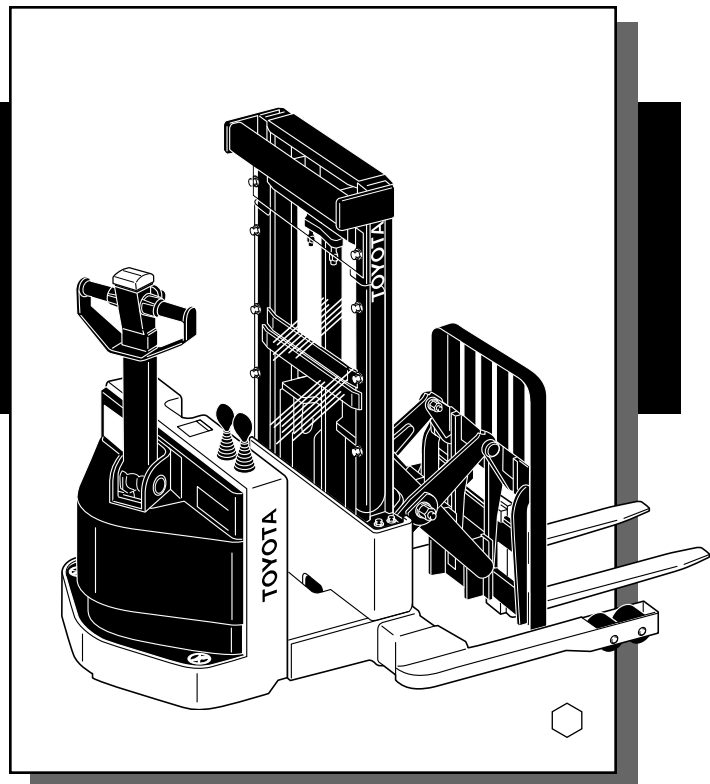
## ELECTRIC WALKIE REACH TRUCK

### SPECIFICATIONS

# 6 B W R 1 5

## 3000 lbs

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



### Standard Features

#### PERFORMANCE

- 3000 lbs capacity
- 24 Volt electrical system
- MOSFET transistor control system
- Separately excited drive motor (SEM)
- UL-approved model type E
- On/off key switch
- Programmable performance
- Electronic raise and lower controls in operator handle
- Manual raise and lower controls
- Manual reach/retract and tilt controls
- Class 'H' motor insulation
- Oil-immersed power-train

#### BODY/EXTERIOR DESIGN

- 32" to 50" baseleg openings (inside dimensions) in 1" increments
- Electronic horn
- 32.3"x13.3" battery compartment
- Rugged reach pantograph
- 30" wide ITA Class II fork carriage
- 42" fork length
- 48" tilting load backrest extension (3° forward / 4° backward)

- Internal hose reeving
- Crowned poly drive tire, 10.5"x5"
- Tandem Polyurethane load wheels, 4"x2.875"
- Polyurethane caster wheels, 4"x2.5"
- Fully-hinged steel service access door
- Spring-loaded torsion bar suspension with automatic load-sensing adjustment and stabilizing casters
- Wide view 2-stage mast (V)
- Drive axle mounted string guards
- Pressure overload valve & lowering control fuses

#### OPERABILITY & ERGONOMICS

- Emergency power disconnect switch
- Automatic resetting circuit breaker
- Reverse polarity protection
- Mechanical drum brake
- Directional thumb control
- Safety glass mast guard
- Direction reverse switch on control handle
- Control handle with 8.5° ergonomic angle
- Power on self test with self-diagnostics

### Optional Equipment

- Twist grip control handle in place of thumb control
- Hour meter
- Battery discharge indicator
- Combination battery discharge/hour meter indicator
- Combination battery discharge/hour meter indicator with lift interrupt
- Pallet centering guide
- UL-approved model type EE
- Corrosion conditioning
- Cold storage conditioning
- Audible travel alarm
- Battery compartment rollers
- Toggle switch in place of key switch
- Screen guard in place of safety glass mast guard
- Sideshifter
- 30", 36" or 48" fork lengths
- 36" or 44" load backrest extension
- Various drive tire compounds
- Various battery connectors
- Various strobe lights
- Various flashing beacons
- Wide view full free lift 3-stage mast (FSV)

# 6BWR15 Specifications

<b>Models</b>		6BWR15
Load Capacity (with 24-in. load center)	lb	3000
Brakes		Mechanical Drum Brake

## EXTERIOR DIMENSIONS

Carriage Width	in	30
Basic Right Angle Stacking Aisle Width	in	See Chart
A Maximum Fork Height (MFH)	in	124
B Mast Lowered Height	in	83
C Mast Extended Height	in	172
D Free Lift	in	6
E Wheelbase	in	55.4
F Head Length (Length to Fork Face) V/FSV mast	in	47.4/50.6
G Truck Length (Length to End of Base Legs)	in	69.7
H Power Unit Width	in	34.1
I Power Unit Height	in	32.5
J Battery Roller Height	in	9.8
K Tilt Range (Carriage Tilt) Fwd/Bwd	deg	3/4
L Base Leg Inside Dimension (ID) -1" Increments	in	32 to 50
M Base Leg Outside Dimension (OD) -1" Increments	in	40 to 58
N Base Leg Width	in	4
O Fork Size	TxWxL	1.75x4x42
P Fork Adjustment	Min./Max.	12/30
Q Underclearance	in	2
R Reach Stroke	V/FSV mast	24/24
S Outside Turning Radius	in	65.1

## DIMENSIONS OF BATTERY COMPARTMENT

T Battery Compartment	LxW (open height)	in	32.3x13.3
Total Weight	Without Battery	lb	3400
Power Type			Battery
Battery	Voltage/Capacity (6-hour ratings) Max.	V/AH	24/650
	Weight Min.	lbs	950
Electric Motors	Drive (60 min)	hp	1.2
	Load Handling (5 min 20%)	hp	4.8
Control Type	Drive		Transistor
	Load Handling		Electromagnetic Contactor

## PERFORMANCE DATA

Maximum Travel Speed	full load	mph	2.8
	no load	mph	3.2
Lift Speed	full load	fpm	29
	no load	fpm	46
Lowering Speed	full load	fpm	60
	no load	fpm	47
Gradeability <sup>1)</sup>	full load/no load	% (tan $\theta$ )	6/10

1) Trucks are designed for level floor operation. Represents ability to transverse short ramps when required.

## TIRES

Type (Drive/Caster/Load)			Polyurethane
Size (dia. x width)	Drive	in	10.5x5
	Caster	in	4x2.5
	Load	in	4x2.875

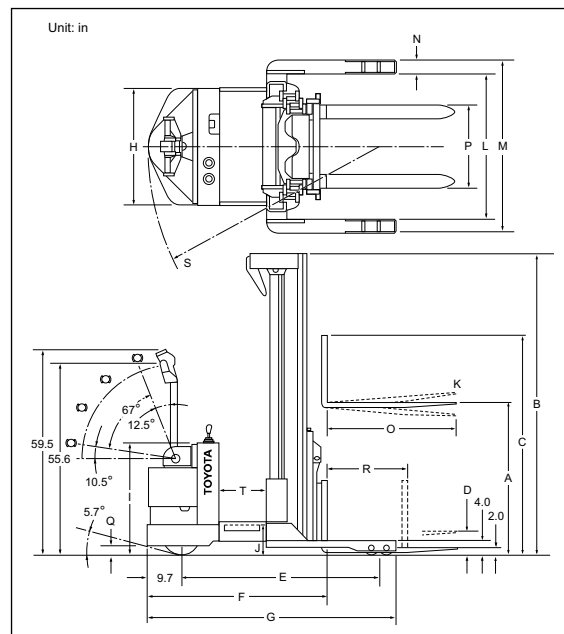
## AISLE REQUIREMENTS - RIGHT ANGLE STACKING

6BWR15		
Pallet Width	Load Length	
in	42	48
32	84	92
40	83	91
48	82	90

Aisle width requirements are based on 6" clearance between each side of the load. Add a minimum of 6" to 10" for maneuverability. Add a minimum of 4.5" for 3-stage mast.

## DIMENSIONAL DRAWING

### 6BWR15



## MAST SPECIFICATIONS & RATED CAPACITIES

### 6BWR15

Mast Type	Maximum Fork Height	Overall Lowered Height	Free Lift <sup>1)</sup>	Minimum Base Leg (ID)	Capacity @ 24 in LC
	in	in	in	in	lb
V	100	71	6	32	3000
	124	83	6	32	3000
	150	95	6	32	3000
FSV	150	71	23	32	2950
	180	83	35	32	2450
	189	87	39	32	1900

1) With standard 48" load backrest.

Basic capacity is 3000 lbs at 24" load center. Actual capacity is dependent upon specific truck configuration.

Minimum battery weight is 950 lbs.

Reference Toyota's FL Manual for complete specifications.