

6-SERIES ORDER PICKER



3000 LBS.

SPECIFICATIONS



6BPU15

CLASS
2

ELECTRIC MOTOR NARROW AISLE

ToyotaForklift.com

6-SERIES ORDER PICKER

CAPACITY 3000 LBS.		MAXIMUM FORK HEIGHT 204 IN.		LOAD CENTER 24 IN.	
INDUSTRIES					
 Cold Storage		 Food Storage		 General Warehousing	
				 Retail	

STANDARD FEATURES

PERFORMANCE

- | | | |
|---|---|--|
| <ul style="list-style-type: none">• 24-Volt electrical system• Toyota Advanced Control System (TACS) with MOSFET design• Multifunction control handle• Separately Excited (SepEx®) shunt wound drive motor | <ul style="list-style-type: none">• Series-wound hydraulic lift motor• Interactive digital display panel<ul style="list-style-type: none">- Multifunction hour meter- Time & date display- Programmable travel, acceleration & lift speeds | <ul style="list-style-type: none">• UL-approved model type “E” rating• Pulse Width Modulation (PWM) with variable speed lift• Proportional valve controlled, variable lowering speed• Full travel speed up to 60" fork height¹ |
|---|---|--|

OPERABILITY

- | | | |
|---|---|--|
| <ul style="list-style-type: none">• Electronic power steering• 2- and 3-stage wide-view masts• 40" base leg overall width (outside dimension)• 39"-wide operator platform• 42" x 1.5" x 4" forks• Polyurethane drive tire• Polyurethane load wheels | <ul style="list-style-type: none">• Automatic return to center drive wheel upon start-up (auto-steer centering)• Hydraulic drum brake• Drive wheel direction indicator• Pallet centering guide with automatic clamp• Pallet clamp release foot pedal• Overhead guard | <ul style="list-style-type: none">• Anti-static ground strap• Amber strobe light• Electric horn• Full body harness & energy-absorbing tether<ul style="list-style-type: none">- For operator weights up to 310 lbs. |
|---|---|--|

ERGONOMICS

- | | | |
|---|--|---|
| <ul style="list-style-type: none">• Cushioned floor & brake pedal• Flip-up side gates• Cushioned mast staging | <ul style="list-style-type: none">• Clipboard & work material storage compartments | <ul style="list-style-type: none">• Amenities tray• Wire mesh mast guard |
|---|--|---|

SERVICEABILITY

- | | | |
|---|---|---|
| <ul style="list-style-type: none">• Self-diagnostics• Built-in analyzer• Battery discharge indicator with lift interrupt• Brush wear indicator with protection — on drive & lift motor | <ul style="list-style-type: none">• Over temperature indicator with protection — on drive & lift motor• No tools required service access covers• Battery compartment rollers• Battery retaining gates (adjustable)• Emergency power disconnect switch | <ul style="list-style-type: none">• Emergency lowering control valve• Enclosed battery compartment<ul style="list-style-type: none">- 14.5" x 36.75" x 32.25"• SB 350 battery connector (red) |
|---|---|---|

¹ Contact your local dealer for more information on travel speed limits.


OPTIONAL EQUIPMENT

- Wide-view mast (V)
- Full free-lift 3-stage mast (FSV)
- 49" – 96"-long heat-treated forks
- Various fork lengths
- Load weight display
- Power hookup for onboard terminal (24-Volt, 6 amp)
- Forward & reverse electronic travel alarm
- Reverse travel alarm
- Fire extinguisher
- Guard & mast safety glass windscreen
- Fluorescent twin light & fan package with independent controls
- Incandescent twin light & fan package with independent controls
- Various color strobe lights
- Overhead guard-mounted work area lights
- Body belt & retractable tether (for operator weights less than 220 lbs.)
- Full body harness & retractable tether (for operator weights up to 310 lbs.)
- Various base leg widths
- Crating for 107" overall lift height & below
- 6" taller overhead guard (from standard)
- Double rail guidance guide rollers (45.75" – 69.75" overall width)
- Floor-mounted single rail guidance
- Standard 5.2 & 6.25 kHz wire guidance or learned frequency using Toyota Tracker
- Mast lowering deceleration
- Mast lift limit switch with bypass
- Mast mechanical lift stop
- Side gate power disconnection switch with flip-up side gates
- Various operator platform widths
- Battery side gate interlock switches
- Reduced battery compartment size – 31.5" x 13.25" x 32.25"
- Various color battery connectors
- Battery covers (pair)
- Cold storage conditioning
- Cold storage wire guided conditioning
- Increased travel speeds at 120" and 180" fork lengths



Please contact your local, authorized Toyota Dealer for a complete list of available options.

TRUCK SPECIFICATIONS

GENERAL DATA				68PU15	
Load Capacity		lb (kg)	3000 (1360)		
Load Center		in (mm)	24 (600)		
Power Type			Battery		
	Voltage	V	24		
Operator Compartment	Length	in (mm)	26 (660)		
	Width	in (mm)	39 (990)		
	Height	in (mm)	78.5 (1995)		
Battery Compartment	Length	in (mm)	14.5 (365)		
	Width ^{1,2}	in (mm)	36.75 (930)		
	Height	in (mm)	32.25 (815)		
Battery Roller	Height	in (mm)	7 (175)		
Operator Position		Stand-Up Rider			
Tire Type	Drive / Load	Polyurethane / Polyurethane			
Wheels (x = driven)	Drive / Load ³	1x / 4			
EXTERIOR DIMENSIONS			68PU15		
A	Maximum Fork Height (MFH)	in (mm)	204 (5180)		
B	Free-Lift	in (mm)	10 (255)		
C	Fork Size (T x W x L)	in (mm)	1.5 x 4 x 42 (38 x 100 x 1070)		
D	Length to Fork Face (truck length)	in (mm)	73 (1855)		
E	Base Legs Overall Width (DAW)	in (mm)	40 – 56 (1015 – 1420)		
F	Mast Lowered Height	in (mm)	95 (2410)		
G	Mast Extended Height	in (mm)	289 (7340)		
H	Power Unit Width	in (mm)	40 (1015)		
I	Power Unit Height	in (mm)	48.5 (1230)		
J	Overhead Guard Height	in (mm)	88.25 (2240)		
K	Turning Radius	in (mm)	72 (1830)		
PERFORMANCE DATA			68PU15		
Speeds	Maximum Travel	Full Load	mph (km/h)	5.5 (8.9)	
		No Load	mph (km/h)	5.7 (9.2)	
	Lifting	Full Load	fpm (mm/sec)	36 (180)	
		No Load	fpm (mm/sec)	56 (285)	
	Lowering	Full Load	fpm (mm/sec)	80 (405)	
		No Load	fpm (mm/sec)	70 (355)	
Travel Speed Limits			Reference chart on page 06 for Travel Speed Limits		
TRUCK WEIGHTS			68PU15		
Total Weight (without battery)		lb (kg)	5300 (2400)		
Weight Distribution (with standard battery)		Full Load ⁴	A (drive tire)	%	24
		No Load ⁴	B / C	%	38 / 38
			A (drive tire)	%	56
			B / C	%	22 / 22
TIRES			68PU15		
Tires	Size (dia. x width)	Drive	in (mm)	12 x 5 (305 x 100)	
		Load	in (mm)	6 x 3.625 (150 x 90)	
Wheelbase		in (mm)	60 (1520)		
Underclearance	Center of Wheelbase	in (mm)	2 (50)		
Grade Clearance ⁵		13			
Brake Pedal		Hydraulic Drum Brake			
POWER SYSTEM			68PU15		
Battery (6-hour rating)	Voltage / Capacity	V / Ah	24 / 1085		
	Weight (minimum / maximum) ²	lb (kg)	1600 (725) / 2000 (900)		
Electric Motors	Drive	hp (kW)	5.09 (3.8)		
	Load Handling	hp (kW)	6.62 (4.9)		
	Power Steering	hp (kW)	0.67 (0.5)		
Control Type	Drive	Transistor			
	Load Handling	Transistor			
	Power Steering	Transistor			

1 Optional Battery Compartment Spacers available.

2 Reference chart on page 06 for Battery Compartment Specifications.

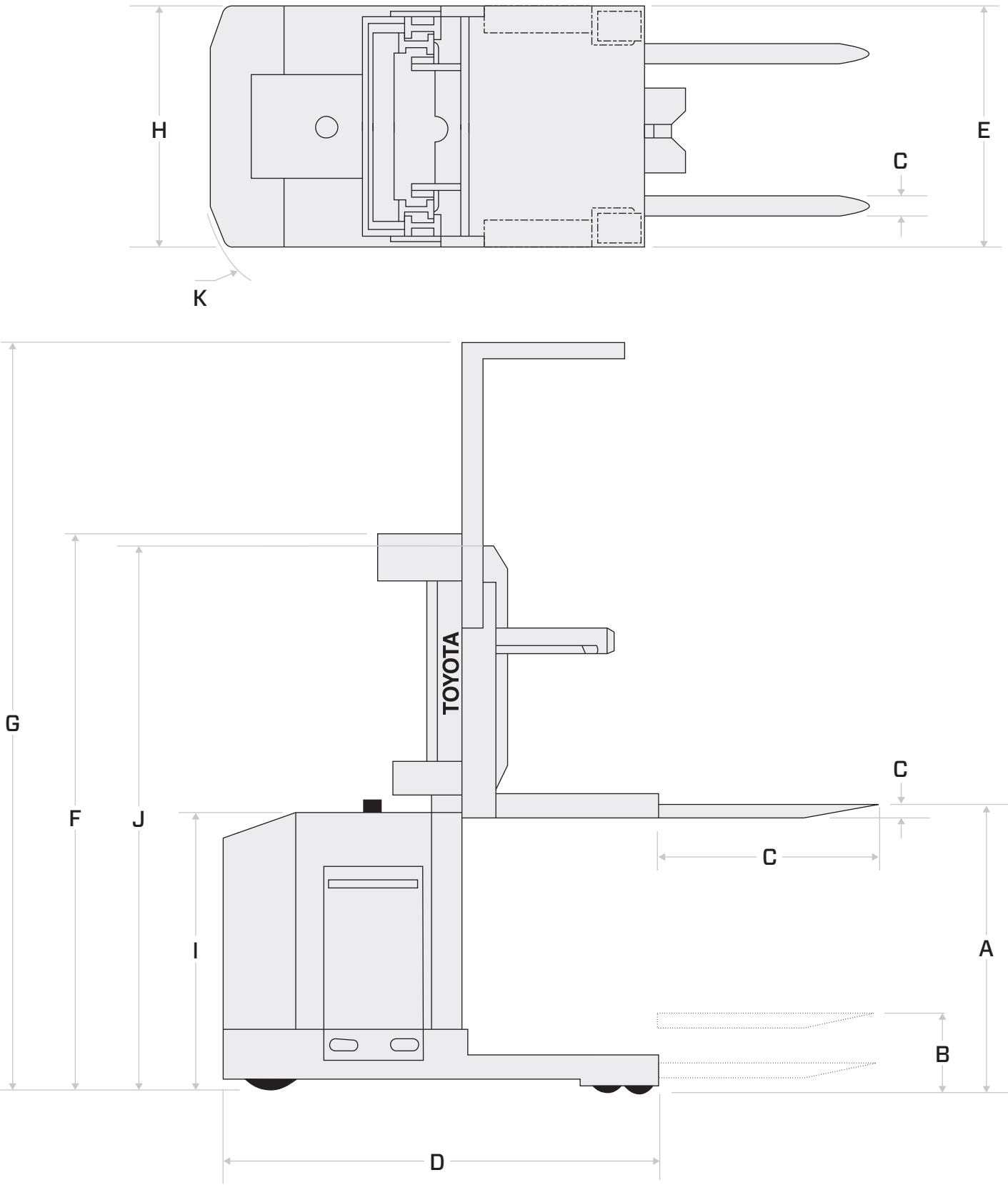
3 Dual Load Wheels with FSV mast (1x / 4) & Single Load Wheels with V mast (1x / 2).

4 Parameter of No Load: Truck weight with battery & operator.

Parameter of Full Load: Add load weight to parameter of No Load.

5 The Order Picker is designed for level floor operation only. It's capable of being driven in a fully lowered, unloaded condition on a maximum 100'-long ramp with a maximum incline of 6%.

EXTERIOR DIMENSIONS



BATTERY & BATTERY COMPARTMENT SPECIFICATIONS

○ Option available.
● Standard for this model.

MODEL	VOLTS	TYPE	BATTERY COMPARTMENT			BATTERY CONNECTOR			MINIMUM BATTERY WEIGHT ¹	MAXIMUM BATTERY WEIGHT	MINIMUM AMP HOUR CAPACITY (6-HOUR RATING)
		UL "E" RATING	LENGTH	WIDTH	HEIGHT	TYPE	COLOR	MINIMUM LENGTH			
			in (mm)	in (mm)	in (mm)			in (mm)	lb (kg)	lb (kg)	
6BPU15	24	○ ²	13.25 (335)	31.5 (800)	32.25 (815)	SB350	Red	20 (505)	920 (410) ²	2000 (900)	1085
		●	14.5 (365)	36.75 (930)	32.25 (815)	SB350	Red	12 (305)	1600 (725)	2000 (900)	1085

TRAVEL SPEED LIMITS

MFH	STEERING ANGLE ≤ 10°	STEERING ANGLE > 10°
	MAX. TRAVEL SPEED LOADED / UNLOADED	MAX. TRAVEL SPEED LOADED / UNLOADED
in (mm)	mph (km/h)	mph (km/h)
STANDARD		
0 – 24 (0 – 600)	5.5 (8.9) / 5.7 (9.2)	5.5 (8.9) / 5.7 (9.2)
24 – 60 (600 – 1520)	5.5 (8.9) / 5.7 (9.2)	2.4 (3.9) / 2.6 (4.2)
60 – 150 (1520 – 3810)	2.4 (3.9) / 2.6 (4.2)	0.9 (1.5) / 1.1 (1.8)
150 – 315 (3810 – 8000)	0.9 (1.5) / 1.1 (1.8)	0.0 / 0.0

MFH	STEERING ANGLE ≤ 10°	STEERING ANGLE > 10°
	MAX. TRAVEL SPEED LOADED / UNLOADED	MAX. TRAVEL SPEED LOADED / UNLOADED
in (mm)	mph (km/h)	mph (km/h)
INCREASED (OPTION CODE #4544)		
0 – 24 (0 – 600)	5.5 (8.9) / 5.7 (9.2)	5.5 (8.9) / 5.7 (9.2)
24 – 60 (600 – 1520)	5.5 (8.9) / 5.7 (9.2)	2.4 (3.9) / 2.6 (4.2)
60 – 120 (1520 – 3045)	4.1 (6.6) / 4.3 (6.9)	0.9 (1.5) / 1.1 (1.8)
120 – 180 (3045 – 4570)	2.5 (4) / 2.7 (4.3)	0.0 / 0.0
180 – 315 (4570 – 8000)	0.9 (1.5) / 1.1 (1.8)	0.0 / 0.0

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT		FREE-LIFT	BASE LEGS (DAW)			
		LOWERED	EXTENDED		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER			
					40 IN. (1016 MM)	44 IN. (1118 MM)	48 IN. (1219 MM)	56 IN. (1422 MM)
6BPU15 (24-VOLT, 14.5" BATTERY COMPARTMENT)								
Wide Visible (V)	123 (3124)	88.5 (2248)	208 (5283)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	137 (3480)	95 (2413)	222 (5639)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	161 (4089)	107 (2718)	246 (6248)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	201 (5105)	127 (3226)	286 (7264)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	241 (6121)	147 (3734)	326 (8280)	—	2000 (900)	2200 (990)	2500 (1130)	3000 (1360)
Full Free-Lift 3-Stage (FSV)	183 (4648)	88.5 (2248)	268 (6807)	3 (76)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	204 (5182)	95 (2413)	289 (7341)	10 (254)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	240 (6096)	107 (2718)	325 (8255)	22 (559)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	273 (6934)	118 (2997)	358 (9093)	33 (838)	1000 (450) ⁵	2200 (990)	2200 (990)	2200 (990)
	300 (7620) ³	127 (3226)	385 (9779)	42 (1067)	—	1000 (450) ⁵	1600 (720)	2100 (950)
	315 (8001) ⁴	132 (3353)	400 (10160)	47 (1194)	—	—	1000 (450) ⁵	1900 (860)

NOTE: The minimum battery weight requirement is 1600 lbs. (720 kg).

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT		FREE-LIFT	BASE LEGS (DAW)			
		LOWERED	EXTENDED		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER			
					40 IN. (1016 MM)	44 IN. (1118 MM)	48 IN. (1219 MM)	56 IN. (1422 MM)
					in (mm)	in (mm)	in (mm)	in (mm)
6BPU15 (24-VOLT, 13.25" BATTERY COMPARTMENT)								
Wide Visible (V)	123 (3124)	88.5 (2248)	208 (5283)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	137 (3480)	95 (2413)	222 (5639)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	161 (4089)	107 (2718)	246 (6248)	—	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	201 (5105)	127 (3226)	286 (7264)	—	2500 (1130)	3000 (1360)	3000 (1360)	3000 (1360)
	241 (6121)	147 (3734)	326 (8280)	—	2000 (900)	2200 (990)	2500 (1130)	2500 (1130)
Full Free-Lift 3-Stage (FSV)	183 (4648)	88.5 (2248)	268 (6807)	3 (76)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	204 (5182)	95 (2413)	289 (7341)	10 (254)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)
	240 (6096)	107 (2718)	325 (8255)	22 (559)	3000 (1360)	3000 (1360)	3000 (1360)	3000 (1360)

NOTE: The minimum battery weight requirement is 920 lbs. (420 kg).

1 The Minimum Battery Weight indicated is the lightest battery required to satisfy stability requirements of the forklift.

2 With restricted mast offerings up to 241" (6121 mm) MFH.

3 44" (1118 mm) standard base legs overall width (DAW).

4 48" (1219 mm) standard base legs overall width (DAW).

5 All capacities of 1500 lbs. (680 kg) or less are subject to a secondary review & could be denied by Toyota.





"THE NAME ON MY SHIRT SAYS TOYOTA, BUT I WORK FOR YOU."

Alan - 360 Technician, Atlas Toyota Material Handling, Chicago, IL



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