

80V ELECTRIC PNEUMATIC



4000 - 11000 LBS.

SPECIFICATIONS



8FBMK25-30T | 8FBM20-50T

CLASS

1

ELECTRIC MOTOR RIDERS

[ToyotaForklift.com](https://www.toyota-forklift.com)

80V ELECTRIC PNEUMATIC

CAPACITY
4000 – 11000 LBS.

WHEELBASE
62 – 80 IN.

LOAD CENTER
24 IN.

INDUSTRIES



Agriculture



Brick, Block
& Pipe



Concrete



Distribution



Oil & Gas

STANDARD FEATURES

SUPPORT

- System of Active Stability™ (SAS)
 - Active control rear stabilizer
 - Active Mast Control
- Operator Presence Sensing System (OPSS)
- Key lowering interlock
- Electric horn
- Manual return to neutral

PERFORMANCE

- AC drive system
- AC hydraulic lift system
- Wet disc brakes
- Three forms of energy regeneration
 - Coast control
 - Plug braking
 - Foot braking
- Digital (LCD) multifunction display
 - Time & date
 - Speedometer
 - Multifunction hour meter
 - Battery capacity indicator
 - Over-discharge warning (lift interrupt)
 - Parking brake indicator
- Low-speed-setting switch
- Direction indicator
- Maximum speed limiter
- Built-in analyzer
- Self-diagnostics
- Power select functions (S.P.H.)

BODY/EXTERIOR DESIGN

- Wide-view 2-stage mast (V)
- Punched plate entry/exit step
- 48" load backrest extension
- Solid pneumatic tires
- Wide-view carriage bars
- Drawbar pin
- Adjustable front headlights
- ORS vinyl full-suspension seat
- Retractable non-cinching seat belt
- Wide-opening battery hood
- Bolt-on overhead guard
- Long forkbar option (see dealer for details)

OPERABILITY & ERGONOMICS

- Strategically configured instrument display
- On-demand hydrostatic power steering
- Dual operator assist grips
- SAS automatic fork-leveling control
- Electric directional shift control
- 11.8"-dia. two-spoke steering wheel
- Seat-mounted mini-lever hydraulic controls
- Heavy-duty slip-resistant floor mat
- Dash-integrated pen/pencil holder
- Hood-integrated clipboard
- Dash-mounted cup holder
- Automatic parking brake

SERVICEABILITY

- AC drive motor (no brushes or commutator)
- AC hydraulic motor (no brushes or commutator)
- Easy-access no-tools floorboard
- Battery compartment hood assist damper
- Planned maintenance indicator
- Easy-access controllers
- CAN-bus controller wiring

OPTIONAL EQUIPMENT

LOAD HANDLING

- Wide visible mast (V)
- Full free-lift 2-stage mast (FV)
- Full free-lift 2-cylinder 2-stage mast (FW)
- Full free-lift 3-stage mast (FSV)
- Full free-lift 4-cylinder 3-stage mast (FSW)
- Mast shipped separately (for masts with lowered height greater than 104")
- Fully oil-charged lift cylinders
- Cushioned lower near floor
- Tilt cylinder boots
- Mast tilt (bottler's tilt 10° forward/5° backward)
- Tapered forks
- Fully tapered & polished forks
- Fork bar (wide carriage)
- High-load backrest
- Less forks
- Less backrest

Optional Equipment, continued

LOAD HANDLING (HOSE & VALVE ASSEMBLY)

- 3-way valve (no 3rd function hosing)
- 3-way valve (with 3rd function hosing)
- 4-way valve (no 3rd & 4th function hosing)
- 4-way valve (with 3rd function hosing)
- 4-way valve (with 3rd & 4th function hosing)
- Clamp release interlock
- Cascade hang-on sideshifter
- Integral sideshifter
- Hydraulic cushioned forks
- Hydraulic accumulator
- Hydraulic quick disconnects on 3rd lever
- Hydraulic quick disconnects on 4th lever

LIGHTS & INDICATORS

- Front combination lights (includes headlights)
- LED front combination headlights
- Rear combination lights
- LED rear combination light
- Rear working light
- LED rear working light
- Double rear working light
- LED double rear working light
- LED headlights
- Operator compartment light
- Strobe light, yellow (on top of OHG)
- Strobe light, yellow (on bottom of OHG)
- Rotary light, yellow (on top of OHG)
- Rotary light, yellow (on bottom of OHG)
- Deluxe display (includes tilt & load indicator)
- Back up buzzer
- Armrest horn

BODY

- Left-hand shift lever
- Joystick hydraulic controls with ErgoShift
- Speed and acceleration control (with load)
- Double accelerator pedal (one on each side of brake pedal)
- D2 pedal layout
- Rearview mirrors (left & right sides)
- Flat internal rearview mirror
- Panoramic rearview mirror
- Drive unit protector
- Battery slide-out with side covers
- Battery low lift-out with side covers
- Battery side extraction with fork pockets & side covers
- Touchpad keyless entry system
- Rear assist grip with horn button
- Impact sensor
- Auto height select
- 24-Volt power supply (80W)
- 12-Volt power supply (80W)
- Anti-static strap
- Cloth ORS 4-way adjustable full-suspension seat
- Swivel seat
- Orange seatbelt
- Raised overhead guard
- Steel cabin
- Comfort cabin with CD stereo
- Cabin without doors (includes windshield with wiper, roof & rear glass)
- Cabin without doors for raised OHG
- Canvas cabin (includes windshield with wiper & roof)
- Front windshield with wiper & roof
- Overhead guard sheet
- Heater
- Sun visor
- Clipboard

WHEELS & TIRES

- Solid pneumatic (Marangoni)
- Solid pneumatic (Continental)
- Non-marking solid pneumatic (Marangoni)
- Non-marking solid pneumatic (Continental)

SPECIAL MODEL

- Cold storage model
- Rustproof specification
- Fisherman spec model



TRUCK SPECIFICATIONS

MODEL NUMBERS

GENERAL DATA				05-8FBM20T	05-8FBMK25T	05-8FBM25T
Load Capacity		lb (kg)		4000 (2000)	5000 (2500)	5000 (2500)
Power Type		Battery		Battery	Battery	Battery
		Voltage	V	80	80	80
Operator Position		Seated Rider		Seated Rider	Seated Rider	Seated Rider
Tire Type		Front / Rear		Solid Pneumatic	Solid Pneumatic	Solid Pneumatic
Wheels (x = driven)		Front / Rear		2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				05-8FBM20T	05-8FBMK25T	05-8FBM25T
A	Maximum Fork Height (MFH, V mast, top of forks)	in (mm)		131.5 (3340)	131.5 (3340)	131.5 (3340)
B	Free-Lift (top of forks)	in (mm)		4.73 (120)	4.73 (120)	4.73 (120)
C	Fork Size (T x W x L)	in (mm)		1.6 x 5 x 42 (40 x 125 x 1070)	1.6 x 5 x 42 (40 x 125 x 1070)	1.6 x 5 x 42 (40 x 125 x 1070)
D	Tilt Range (forward / backward)	deg		4.5 / 8	4.5 / 8	4.5 / 8
E	Length to Fork Face	in (mm)		89.9 (2284)	89.9 (2284)	95.6 (2429)
F	Overall Width	in (mm)		47 (1195)	47 (1195)	47 (1195)
G	Mast Lowered Height	in (mm)		88 (2235)	88 (2235)	88 (2235)
H	Mast Extended Height (top of load backrest)	in (mm)		179.5 (4559)	179.5 (4559)	179.5 (4559)
I	Overhead Guard Height	in (mm)		87.2 (2215)	87.2 (2215)	87.2 (2215)
J	Turning Radius (outside)	in (mm)		78.9 (2003)	78.9 (2003)	84.2 (2138)
K	Load Distance¹	in (mm)		16.5 (420)	16.5 (420)	16.5 (420)
Basic Right-Angle Stacking Aisle Width²		in (mm)		95.4 (2423)	95.4 (2423)	100.7 (2558)
PERFORMANCE DATA				05-8FBM20T	05-8FBMK25T	05-8FBM25T
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	11.8 (19)	11.8 (19)	11.8 (19)
		No Load	mph (km/h)	12.4 (20)	12.4 (20)	12.4 (20)
	Lifting	Full Load	fpm (mm/sec)	96 (490)	91 (460)	91 (460)
		No Load	fpm (mm/sec)	124 (630)	124 (630)	124 (630)
	Lowering	Full Load	fpm (mm/sec)	106 (540)	100 (510)	100 (510)
		No Load	fpm (mm/sec)	86 (435)	94 (480)	94 (480)
Drawbar Pull	5-Minute Ratings		lbf (N)	4271 (19000)	4271 (19000)	4271 (19000)
	60-Minute Ratings		lbf (N)	2001 (8900)	2001 (8900)	2001 (8900)
Gradeability*	5-Minute Ratings		% (tan θ)	26 / 29	25 / 29	24 / 29
	30-Minute Ratings		% (tan θ)	17 / 29	16 / 28	15 / 25
TRUCK WEIGHTS				05-8FBM20T	05-8FBMK25T	05-8FBM25T
Total Weight Without Battery		lb (kg)		6420 (2912)	6603 (2995)	6495 (2946)
Weight Distribution (with standard battery)	Full Load	Front	lb (kg)	11576 (5251)	13210 (5992)	13320 (6042)
		Rear	lb (kg)	2277 (1033)	1828 (829)	2282 (1035)
	No Load	Front	lb (kg)	4568 (2072)	4960 (2250)	4941 (2241)
		Rear	lb (kg)	4687 (2126)	4894 (2220)	5097 (2312)
TIRES				05-8FBM20T	05-8FBMK25T	05-8FBM25T
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2
	Size	Front		23 x 9 - 10	23 x 9 - 10	23 x 9 - 10
		Rear		18 x 7 - 8	18 x 7 - 8	18 x 7 - 8
Wheelbase		in (mm)		62 (1575)	62 (1575)	67.7 (1720)
Tread		Front	in (mm)	38.8 (986)	38.8 (986)	38.8 (986)
		Rear	in (mm)	37 (940)	37 (940)	37 (940)
Underclearance (full load)	Minimum (mast)		in (mm)	3.7 (95)	3.7 (95)	3.7 (95)
	Center of Wheelbase		in (mm)	4.5 (115)	4.5 (115)	4.5 (115)
Brake	Service (foot)			Hydraulic	Hydraulic	Hydraulic
	Parking (auto)			Electro-Mechanical	Electro-Mechanical	Electro-Mechanical
POWER SYSTEM				05-8FBM20T	05-8FBMK25T	05-8FBM25T
Battery Compartment	Width	in		40.5	40.5	40.5
	Length	in		28	28	33.7
	Height	in		30.9	30.9	30.9
Battery (5-hour ratings)	Voltage/Capacity		V/Ah	80/420	80/560	80/700
	Min. Weight		lb	3435	3435	4107
Electric Motors	Drive	hp (kW)		26.8 (20)	26.8 (20)	26.8 (20)
	Load Handling	hp (kW)		34.2 (25.5)	34.2 (25.5)	34.2 (25.5)
Control Type	Drive, Load Handling, Power Steering			Transistor Inverter	Transistor Inverter	Transistor Inverter
Auxiliary Hydraulic Function Specifications (for attachments)³	Max. Operating Pressure		psi (bar)	2321 (160)	2321 (160)	2321 (160)
	Maximum Flow Rate		gpm (lmp)	10.6 (40)	10.6 (40)	10.6 (40)

* Computed values.

¹ Centerline of front axle to front face of forks.² Add load length & clearance.³ Values taken at Hydraulic Control Valve. Does not take into consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

TRUCK SPECIFICATIONS

MODEL NUMBERS

GENERAL DATA				05-8FBMK30T	05-8FBM30T	05-8FBM35T
Load Capacity		lb (kg)		6000 (2722)	6000 (2722)	7000 (3175)
Power Type		Battery		Battery		Battery
		Voltage	V	80	80	80
Operator Position		Seated Rider		Seated Rider	Seated Rider	
Tire Type		Front / Rear		Solid Pneumatic	Solid Pneumatic	Solid Pneumatic
Wheels (x = driven)		Front / Rear		2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				05-8FBMK30T	05-8FBM30T	05-8FBM35T
A	Maximum Fork Height (MFH, V mast, top of forks)	in (mm)		131.7 (3345)	131.7 (3345)	131.7 (3345)
B	Free-Lift (top of forks)	in (mm)		4.9 (125)	4.9 (125)	4.9 (125)
C	Fork Size (T x W x L)	in (mm)		1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)
D	Tilt Range (forward / backward)	deg		4.5 / 8	4.5 / 8	4.5 / 8
E	Length to Fork Face	in (mm)		91.9 (2334)	96.4 (2449)	97.6 (2479)
F	Overall Width	in (mm)		47 (1195)	47 (1195)	47 (1195)
G	Mast Lowered Height	in (mm)		94.3 (2395)	94.3 (2395)	94.3 (2395)
H	Mast Extended Height (top of load backrest)	in (mm)		179.7 (4564)	179.7 (4564)	179.7 (4564)
I	Overhead Guard Height	in (mm)		87.2 (2215)	87.2 (2215)	87.2 (2215)
J	Turning Radius (outside)	in (mm)		80 (2032)	84.2 (2138)	85.3 (2167)
K	Load Distance¹	in (mm)		17.3 (440)	18.5 (470)	17.3 (440)
Basic Right-Angle Stacking Aisle Width²		in (mm)		97.3 (2471)	101.5 (2577)	102.6 (2606)
PERFORMANCE DATA				05-8FBMK30T	05-8FBM30T	05-8FBM35T
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	11.8 (19)	11.8 (19)	11.8 (19)
		No Load	mph (km/h)	12.4 (20)	12.4 (20)	12.4 (20)
	Lifting	Full Load	fpm (mm/sec)	75 (380)	75 (380)	69 (350)
		No Load	fpm (mm/sec)	108 (550)	108 (550)	108 (550)
	Lowering	Full Load	fpm (mm/sec)	110 (560)	110 (560)	110 (560)
		No Load	fpm (mm/sec)	83 (420)	83 (420)	87 (440)
Drawbar Pull	5-Minute Ratings		lbf (N)	4271 (19000)	4271 (19000)	4271 (19000)
	60-Minute Ratings		lbf (N)	2001 (8900)	2001 (8900)	2001 (8900)
Gradeability*	5-Minute Ratings		% (tan θ)	21 / 29	22 / 29	19 / 27
	30-Minute Ratings		% (tan θ)	13 / 23	13 / 23	11 / 21
TRUCK WEIGHTS				05-8FBMK30T	05-8FBM30T	05-8FBM35T
Total Weight Without Battery		lb (kg)		8027 (3641)	7271 (3298)	8223 (3730)
Weight Distribution (with standard battery)	Full Load	Front	lb (kg)	15390 (6981)	15483 (7023)	17084 (7749)
		Rear	lb (kg)	2072 (940)	1896 (860)	2249 (1020)
	No Load	Front	lb (kg)	5386 (2443)	5816 (2638)	5803 (2632)
		Rear	lb (kg)	6076 (2756)	5565 (2524)	6528 (2961)
TIRES				05-8FBMK30T	05-8FBM30T	05-8FBM35T
Tires	Number (front / rear)		2 / 2		2 / 2	2 / 2
	Size	Front	23 x 10 – 12		23 x 10 – 12	23 x 10 – 12
		Rear	18 x 7 – 8		18 x 7 – 8	18 x 7 – 8
Wheelbase		in (mm)		62 (1575)	67.7 (1720)	67.7 (1720)
Tread	Front	in (mm)		37.2 (946)	37.2 (946)	37.2 (946)
	Rear	in (mm)		37 (940)	37 (940)	37 (940)
Underclearance (full load)	Minimum (mast)		in (mm)	3.7 (95)	3.7 (95)	3.7 (95)
	Center of Wheelbase		in (mm)	4.5 (115)	4.5 (115)	4.5 (115)
Brake	Service (foot)			Hydraulic	Hydraulic	Hydraulic
	Parking (auto)			Electro-Mechanical	Electro-Mechanical	Electro-Mechanical
POWER SYSTEM				05-8FBMK30T	05-8FBM30T	05-8FBM35T
Battery Compartment	Width	in		40.5	40.5	40.5
	Length	in		28	33.7	33.7
	Height	in		30.9	30.9	30.9
Battery (5-hour ratings)	Voltage/Capacity	V/Ah		80/560	80/700	80/700
	Min. Weight	lb		3435	4107	4107
Electric Motors	Drive	hp (kW)		26.8 (20)	26.8 (20)	26.8 (20)
	Load Handling	hp (kW)		34.2 (25.5)	34.2 (25.5)	34.2 (25.5)
Control Type	Drive, Load Handling, Power Steering			Transistor Inverter	Transistor Inverter	Transistor Inverter
Auxiliary Hydraulic Function Specifications (for attachments)³	Max. Operating Pressure	psi (bar)		2321 (160)	2321 (160)	2321 (160)
	Maximum Flow Rate	gpm (lmp)		10.6 (40)	10.6 (40)	10.6 (40)

* Computed values.

¹ Centerline of front axle to front face of forks.² Add load length & clearance.³ Values taken at Hydraulic Control Valve. Does not take into consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

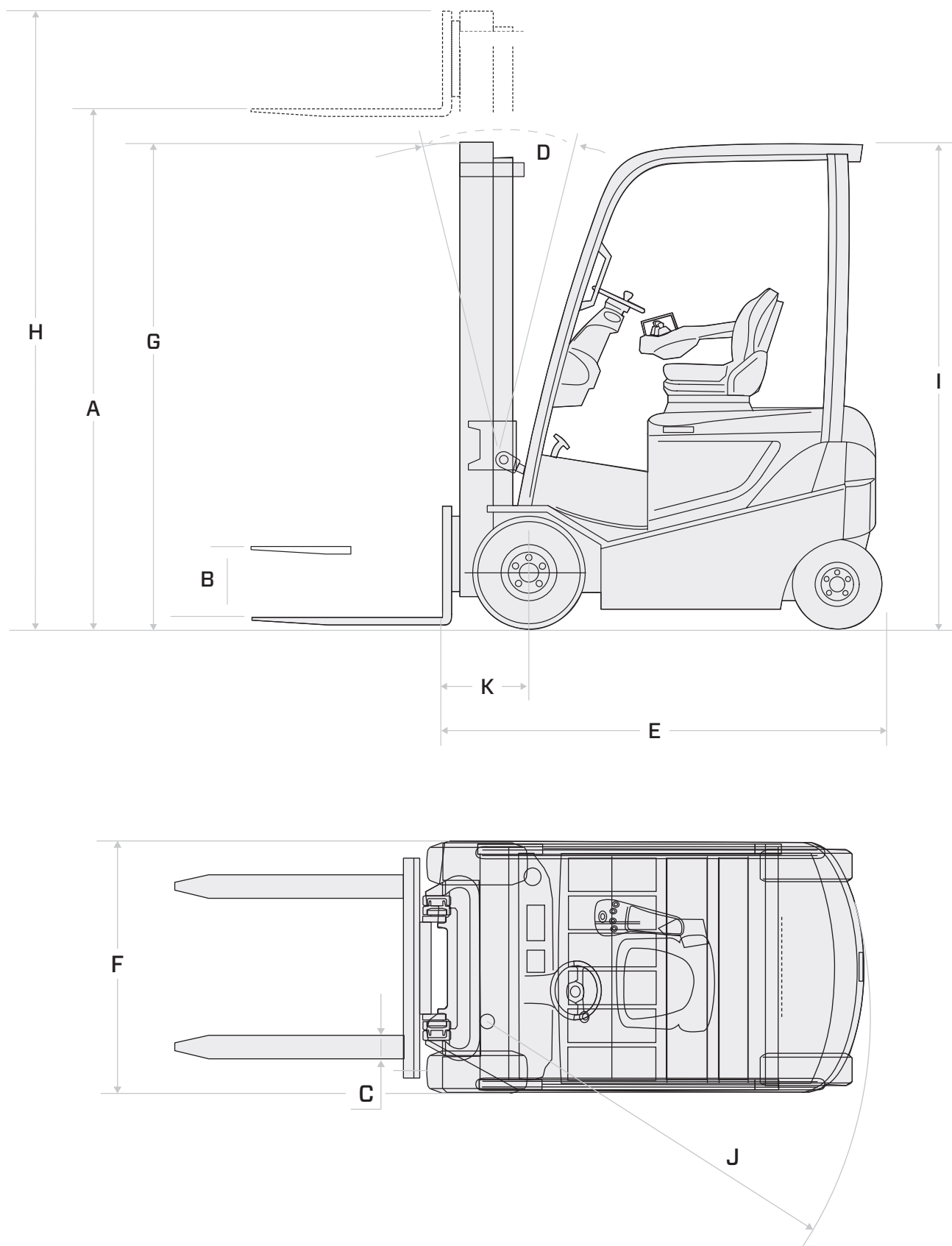
MODEL NUMBERS

GENERAL DATA				8FBM40T	8FBM45T	8FBM50T
Load Capacity		lb (kg)		8000 (3640)	9000 (4090)	11000 (4990)
Power Type		Battery		Battery	Battery	
		Voltage	V	80	80	80
Operator Position		Seated Rider		Seated Rider	Seated Rider	
Tire Type		Front / Rear		Solid Pneumatic	Solid Pneumatic	Solid Pneumatic
Wheels (x = driven)		Front / Rear		2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				8FBM40T	8FBM45T	8FBM50T
A	Maximum Fork Height (MFH, V mast, top of forks)	in (mm)		131.9 (3350)	131.9 (3350)	132.3 (3360)
B	Free-Lift (top of forks)	in (mm)		5.1 (130)	5.1 (130)	5.5 (140)
C	Fork Size (T x W x L)	in (mm)		1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)	1.8 x 5 x 42 (45 x 125 x 1070)
D	Tilt Range (forward / backward)	deg		5/10	5/10	5/10
E	Length to Fork Face	in (mm)		114.4 (2907)	116.0 (2947)	120.9 (3072)
F	Overall Width	in (mm)		53 (1345)	53.0 (1345)	56.7 (1440)
G	Mast Lowered Height	in (mm)		98.4 (2500)	98.4 (2500)	98.4 (2500)
H	Mast Extended Height (top of load backrest)	in (mm)		179.9 (4570)	179.9 (4570)	180.3 (4580)
I	Overhead Guard Height	in (mm)		92.9 (2360)	92.9 (2360)	92.9 (2360)
J	Turning Radius (outside)	in (mm)		100.1 (2543)	100.7 (2558)	105.7 (2686)
K	Load Distance¹	in (mm)		20.4 (518)	20.4 (518)	20.8 (528)
Basic Right-Angle Stacking Aisle Width²		in (mm)		120.5 (3061)	121.1 (3076)	126.5 (3214)
PERFORMANCE DATA				8FBM40T	8FBM45T	8FBM50T
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	11.0 (18)	11.0 (18)	11.0 (18)
		No Load	mph (km/h)	11.0 (18)	11.0 (18)	11.0 (18)
	Lifting	Full Load	fpm (mm/sec)	68.9 (350)	68.9 (350)	65.0 (330)
		No Load	fpm (mm/sec)	90.6 (460)	90.6 (460)	90.6 (460)
	Lowering	Full Load	fpm (mm/sec)	108.3 (550)	108.3 (550)	108.3 (550)
		No Load	fpm (mm/sec)	90.3 (460)	90.3 (460)	90.3 (460)
Drawbar Pull	5-Minute Ratings		lbf (N)	4946 (22,000)	4946 (22,000)	4946 (22,000)
	60-Minute Ratings		lbf (N)	2792 (12,420)	2792 (12,420)	2792 (12,420)
Gradeability*	5-Minute Ratings		% (tan θ)	15 / 25	14 / 24	13 / 23
	30-Minute Ratings		% (tan θ)	11.3 / 17.0	9.5 / 16.8	8.8 / 15.8
TRUCK WEIGHTS				8FBM40T	8FBM45T	8FBM50T
Total Weight Without Battery		lb (kg)		9652 (4378)	10,820 (4908)	12,220 (5543)
Weight Distribution (with standard battery)	Full Load	Front	lb (kg)	21,065 (9555)	22,622 (10,261)	24,948 (11,316)
		Rear	lb (kg)	2429 (1102)	2921 (1325)	3100 (1406)
	No Load	Front	lb (kg)	7844 (3558)	7749 (3515)	7822 (3548)
		Rear	lb (kg)	6832 (3099)	7875 (3572)	9200 (3548)
TIRES				8FBM40T	8FBM45T	8FBM50T
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2
	Size	Front		250 - 15	250 - 15	28 x 12.5 - 15
		Rear		23 x 9 - 10	23 x 9 - 10	23 x 9 - 10
Wheelbase		in (mm)		79.9 (2030)	79.9 (2030)	79.9 (2030)
Tread		Front	in (mm)	44.1 (1119)	44.1 (1119)	45.1 (1145)
		Rear	in (mm)	43.8 (1113)	43.8 (1113)	43.8 (1113)
Underclearance (full load)	Minimum (mast)		in (mm)	5.9 (150)	5.9 (150)	5.9 (150)
	Center of Wheelbase		in (mm)	5.7 (145)	5.7 (145)	5.7 (145)
Brake	Service (foot)			Hydraulic	Hydraulic	Hydraulic
	Parking (auto)			Electro-Mechanical	Electro-Mechanical	Electro-Mechanical
POWER SYSTEM				8FBM40T	8FBM45T	8FBM50T
Battery Compartment	Width	in		40.5	40.5	40.5
	Length	in		39.3	39.3	39.3
	Height	in		30.9	30.9	30.9
Battery (5-hour ratings)	Voltage/Capacity	V/Ah		80 / 840	80 / 840	80 / 840
	Min. Weight	lb		4802	4802	4802
Electric Motors	Drive	hp (kW)		33.8 (25.2)	33.8 (25.2)	33.8 (25.2)
	Load Handling	hp (kW)		34.2 (25.5)	34.2 (25.5)	34.2 (25.5)
Control Type	Drive, Load Handling, Power Steering			Transistor Inverter	Transistor Inverter	Transistor Inverter
Auxiliary Hydraulic Function Specifications (for attachments)³	Max. Operating Pressure	psi (bar)		2320-2610 (160-180) adjustable	2320-2610 (160-180) adjustable	2320-2610 (160-180) adjustable
	Maximum Flow Rate	gpm (lmp)		18.5 (70)	18.5 (70)	18.5 (70)

* Computed values.
¹ Centerline of front axle to front face of forks.
² Add load length & clearance.
³ Values taken at Hydraulic Control Valve. Does not take into consideration losses through mast plumbing (hosing, fittings, QDs, etc.).



EXTERIOR DIMENSIONS



MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER*	32 IN. (810 MM) LOAD CENTER*
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
05-8FBM20T										
Wide Visible (V)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	4.73 (120)	4.73 (120)	4.5	8	4000 (1814)	3349 (1519)
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	4.73 (120)	4.73 (120)	4.5	8	4000 (1814)	3349 (1519)
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	4.73 (120)	4.73 (120)	4.5	8	4000 (1814)	3349 (1519)
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	4.73 (120)	4.73 (120)	4.5	8	4000 (1814)	3349 (1519)
	179 (4540)	121.5 (3085)	204.7 (5199)	226.7 (5759)	4.73 (120)	4.73 (120)	4.5	8	4000 (1814)	3349 (1519)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	59.5 (1511)	38 (965)	4.5	8	4000 (1814)	3349 (1519)
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	63.4 (1611)	41.9 (1065)	4.5	8	4000 (1814)	3349 (1519)
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	77.2 (1961)	55.7 (1415)	4.5	8	4000 (1814)	3349 (1519)
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	87.1 (2211)	65.6 (1665)	4.5	8	4000 (1814)	3349 (1519)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	60.6 (1540)	36 (915)	4.5	8	4000 (1814)	3349 (1519)
	131.5 (3340)	88.8 (2255)	157.4 (3999)	179.5 (4559)	65.4 (1660)	40.7 (1035)	4.5	8	4000 (1814)	3349 (1519)
	147 (3740)	98.6 (2505)	173.2 (4399)	195.2 (4959)	72.4 (1840)	50.6 (1285)	4.5	8	4000 (1814)	3349 (1519)
	159 (4040)	104.5 (2655)	185 (4699)	207.1 (5259)	80.7 (2050)	56.5 (1435)	4.5	8	4000 (1814)	3349 (1519)
Full Free-Lift 3-Stage (FSV)	171 (4340)	84 (2135)	196.8 (4999)	218.9 (5559)	58.1 (1476)	37.6 (955)	4.5	8	4000 (1814)	3349 (1519)
	186.5 (4740)	88 (2235)	212.6 (5399)	234.6 (5959)	62 (1576)	41.5 (1055)	4.5	8	4000 (1814)	3349 (1519)
	198 (5040)	94.3 (2395)	224.4 (5699)	246.4 (6259)	68.3 (1736)	47.8 (1215)	4.5	8	4000 (1814)	3349 (1519)
	218 (5540)	101.8 (2585)	244.1 (6199)	266.1 (6759)	75.8 (1926)	55.3 (1405)	4.5	8	4000 (1814)	3349 (1519)
	238 (6040)	111.6 (2835)	263.7 (6699)	285.8 (7259)	85.7 (2176)	65.2 (1655)	4.5	8	3307 (1500)	2769 (1256)
	257 (6540)	121.5 (3085)	283.4 (7199)	305.5 (7759)	95.5 (2426)	75 (1905)	4.5	8	2800 (1270)	2345 (1063)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	173 (4400)	82.1 (2085)	199.2 (5059)	221.2 (5619)	58.3 (1480)	34.1 (865)	4.5	8	4000 (1814)	3349 (1519)
	186.5 (4740)	86.8 (2205)	212.6 (5399)	234.6 (5959)	63 (1600)	38.8 (985)	4.5	8	4000 (1814)	3349 (1519)
	198 (5040)	90.7 (2305)	224.4 (5699)	246.4 (6259)	67 (1700)	42.7 (1085)	4.5	8	4000 (1814)	3349 (1519)
	218 (5540)	98.6 (2505)	244.1 (6199)	266.1 (6759)	74.8 (1900)	50.6 (1285)	4.5	8	4000 (1814)	3349 (1519)
	238 (6040)	104.5 (2655)	263.7 (6699)	285.8 (7259)	80.7 (2050)	56.5 (1435)	4.5	8	3307 (1500)	2769 (1256)
	257 (6540)	112.4 (2855)	283.4 (7199)	305.5 (7759)	88.6 (2250)	64.4 (1635)	4.5	8	2800 (1270)	2345 (1063)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT		
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER²	32 IN. (810 MM) LOAD CENTER²	
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹							
											in (mm)
05-8FBMK25T											
Wide Visible (V)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)	
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)	
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)	
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)	
Full Free-Lift 2-Stage (FV)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	59.5 (1511)	38 (965)	4.5	8	5000 (2268)	3968 (1800)	
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	63.4 (1611)	41.9 (1065)	4.5	8	5000 (2268)	3968 (1800)	
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	77.2 (1961)	55.7 (1415)	4.5	8	5000 (2268)	3968 (1800)	
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	87.1 (2211)	65.6 (1665)	4.5	8	5000 (2268)	3968 (1800)	
Full Free-Lift 2-Stage, 4-Cylinder (FW)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	60.6 (1540)	36 (915)	4.5	8	5000 (2268)	3968 (1800)	
	131.5 (3340)	88.8 (2255)	157.4 (3999)	179.5 (4559)	65.4 (1660)	40.7 (1035)	4.5	8	5000 (2268)	3968 (1800)	
	147 (3740)	98.6 (2505)	173.2 (4399)	195.2 (4959)	72.4 (1840)	50.6 (1285)	4.5	8	5000 (2268)	3968 (1800)	
	159 (4040)	104.5 (2655)	185 (4699)	207.1 (5259)	80.7 (2050)	56.5 (1435)	4.5	8	5000 (2268)	3968 (1800)	
Full Free-Lift 3-Stage (FSV)	171 (4340)	84 (2135)	196.8 (4999)	218.9 (5559)	58.1 (1476)	37.6 (955)	4.5	8	4938 (2240)	3968 (1800)	
	186.5 (4740)	88 (2235)	212.6 (5399)	234.6 (5959)	62 (1576)	41.5 (1055)	4.5	8	4828 (2190)	3968 (1800)	
	198 (5040)	94.3 (2395)	224.4 (5699)	246.4 (6259)	68.3 (1736)	47.8 (1215)	4.5	8	4740 (2150)	3968 (1800)	
	218 (5540)	101.8 (2585)	244.1 (6199)	266.1 (6759)	75.8 (1926)	55.3 (1405)	4.5	8	4145 (1880)	3483 (1580)	
	238 (6040)	111.6 (2835)	263.7 (6699)	285.8 (7259)	85.7 (2176)	65.2 (1655)	4.5	8	3307 (1500)	2778 (1260)	
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	257 (6540)	121.5 (3085)	283.4 (7199)	305.5 (7759)	95.5 (2426)	75 (1905)	4.5	8	2800 (1270)	2337 (1270)	
	173 (4400)	82.1 (2085)	199.2 (5059)	221.2 (5619)	58.3 (1480)	34.1 (865)	4.5	8	4938 (2240)	3968 (1800)	
	186.5 (4740)	86.8 (2205)	212.6 (5399)	234.6 (5959)	63 (1600)	38.8 (985)	4.5	8	4828 (2190)	3968 (1800)	
	198 (5040)	90.7 (2305)	224.4 (5699)	246.4 (6259)	67 (1700)	42.7 (1085)	4.5	8	4740 (2150)	3968 (1800)	
	218 (5540)	98.6 (2505)	244.1 (6199)	266.1 (6759)	74.8 (1900)	50.6 (1285)	4.5	8	4145 (1880)	3483 (1580)	
	238 (6040)	104.5 (2655)	263.7 (6699)	285.8 (7259)	80.7 (2050)	56.5 (1435)	4.5	8	3307 (1500)	2778 (1260)	
	257 (6540)	112.4 (2855)	283.4 (7199)	305.5 (7759)	88.6 (2250)	64.4 (1635)	4.5	8	2800 (1270)	2337 (1270)	

¹ Height of standard load backrest is 48" (1220 mm).

* All capacities of 1500 lbs. or less are subject to a secondary review by Toyota.

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER*	32 IN. (810 MM) LOAD CENTER*
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
05-8FBM25T										
Wide Visible (V)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)
	179 (4540)	121.5 (3085)	204.7 (5199)	226.7 (5759)	4.73 (120)	4.73 (120)	4.5	8	5000 (2268)	3968 (1800)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	59.5 (1511)	38 (965)	4.5	8	5000 (2268)	3968 (1800)
	131.5 (3340)	88 (2235)	157.4 (3999)	179.5 (4559)	63.4 (1611)	41.9 (1065)	4.5	8	5000 (2268)	3968 (1800)
	147 (3740)	101.8 (2585)	173.2 (4399)	195.2 (4959)	77.2 (1961)	55.7 (1415)	4.5	8	5000 (2268)	3968 (1800)
	159 (4040)	111.6 (2835)	185 (4699)	207.1 (5259)	87.1 (2211)	65.6 (1665)	4.5	8	5000 (2268)	3968 (1800)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	119.5 (3040)	84 (2135)	145.6 (3699)	167.7 (4259)	60.6 (1540)	36 (915)	4.5	8	5000 (2268)	3968 (1800)
	131.5 (3340)	88.8 (2255)	157.4 (3999)	179.5 (4559)	65.4 (1660)	40.7 (1035)	4.5	8	5000 (2268)	3968 (1800)
	147 (3740)	98.6 (2505)	173.2 (4399)	195.2 (4959)	72.4 (1840)	50.6 (1285)	4.5	8	5000 (2268)	3968 (1800)
	159 (4040)	104.5 (2655)	185 (4699)	207.1 (5259)	80.7 (2050)	56.5 (1435)	4.5	8	5000 (2268)	3968 (1800)
Full Free-Lift 3-Stage (FSV)	171 (4340)	84 (2135)	196.8 (4999)	218.9 (5559)	58.1 (1476)	37.6 (955)	4.5	8	5000 (2268)	3968 (1800)
	186.5 (4740)	88 (2235)	212.6 (5399)	234.6 (5959)	62 (1576)	41.5 (1055)	4.5	8	5000 (2268)	3968 (1800)
	198 (5040)	94.3 (2395)	224.4 (5699)	246.4 (6259)	68.3 (1736)	47.8 (1215)	4.5	8	5000 (2268)	3968 (1800)
	218 (5540)	101.8 (2585)	244.1 (6199)	266.1 (6759)	75.8 (1926)	55.3 (1405)	4.5	8	5000 (2268)	3968 (1800)
	238 (6040)	111.6 (2835)	263.7 (6699)	285.8 (7259)	85.7 (2176)	65.2 (1655)	4.5	8	3990 (1810)	3351 (1520)
	257 (6540)	121.5 (3085)	283.4 (7199)	305.5 (7759)	95.5 (2426)	75 (1905)	4.5	8	3880 (1760)	3263 (1480)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	173 (4400)	82.1 (2085)	199.2 (5059)	221.2 (5619)	58.3 (1480)	34.1 (865)	4.5	8	5000 (2268)	3968 (1800)
	186.5 (4740)	86.8 (2205)	212.6 (5399)	234.6 (5959)	63 (1600)	38.8 (985)	4.5	8	5000 (2268)	3968 (1800)
	198 (5040)	90.7 (2305)	224.4 (5699)	246.4 (6259)	67 (1700)	42.7 (1085)	4.5	8	5000 (2268)	3968 (1800)
	218 (5540)	98.6 (2505)	244.1 (6199)	266.1 (6759)	74.8 (1900)	50.6 (1285)	4.5	8	5000 (2268)	3968 (1800)
	238 (6040)	104.5 (2655)	263.7 (6699)	285.8 (7259)	80.7 (2050)	56.5 (1435)	4.5	8	3990 (1810)	3351 (1520)
	257 (6540)	112.4 (2855)	283.4 (7199)	305.5 (7759)	88.6 (2250)	64.4 (1635)	4.5	8	3880 (1760)	3263 (1480)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER [®]	32 IN. (810 MM) LOAD CENTER [®]
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
05-8FBMK30T										
Wide Visible (V)	118 (3005)	87.2 (2215)	145.9 (3705)	166.3 (4224)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	94.3 (2395)	159.3 (4045)	179.7 (4564)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	179 (4545)	121.5 (3085)	206.5 (5245)	226.9 (5764)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 2-Stage (FV)	120 (3045)	83.7 (2125)	145.9 (3705)	166.3 (4224)	54.9 (1395)	36 (915)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	88.8 (2255)	159.3 (4045)	179.7 (4564)	59.6 (1515)	40.7 (1035)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	72.6 (1845)	53.7 (1365)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	72.6 (1845)	53.7 (1365)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	118 (3005)	86 (2185)	145.9 (3705)	166.3 (4224)	59.4 (1510)	38 (965)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	92.7 (2355)	159.3 (4045)	179.7 (4564)	66.9 (1700)	44.7 (1135)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	100.6 (2555)	175 (4445)	131.3 (3334)	74.8 (1900)	52.6 (1335)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	108.5 (2755)	186.8 (4745)	207.3 (5264)	80.3 (2040)	60.4 (1535)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 3-Stage (FSV)	171 (4345)	84 (2135)	198.6 (5045)	219.1 (5564)	60.2 (1530)	40.9 (1040)	4.5	8	5700 (2585)	4410 (2000)
	187 (4745)	88 (2235)	214.4 (5445)	234.8 (5964)	67.3 (1710)	48 (1220)	4.5	8	5700 (2585)	4410 (2000)
	198.5 (5045)	94.3 (2395)	246.6 (5745)	246.6 (6264)	74.8 (1900)	55.5 (1410)	4.5	8	5700 (2585)	4410 (2000)
	218 (5545)	101.8 (2585)	245.9 (6245)	266.3 (6764)	84.6 (2150)	65.4 (1660)	4.5	8	5335 (2420)	4410 (2000)
	238 (6045)	111.6 (2835)	265.6 (6745)	286 (7264)	94.5 (2400)	75.2 (1910)	4.5	8	4321 (1960)	3638 (1650)
	258 (6545)	121.5 (3085)	285.2 (7245)	305.7 (7764)	104.3 (2650)	85 (2160)	4.5	8	3594 (1630)	3020 (1370)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	173 (4395)	86 (2185)	200.6 (5095)	221 (5614)	60.2 (1530)	38 (965)	4.5	8	5700 (2585)	4410 (2000)
	187 (4745)	90.7 (2305)	214.4 (5445)	234.8 (5964)	65 (1650)	42.7 (1085)	4.5	8	5700 (2585)	4410 (2000)
	198.5 (5045)	94.7 (2405)	246.6 (5745)	246.6 (6264)	68.9 (1750)	46.7 (1185)	4.5	8	5700 (2585)	4410 (2000)
	218 (5545)	102.6 (2605)	245.9 (6245)	266.3 (6764)	76.8 (1950)	54.5 (1385)	4.5	8	5335 (2420)	4410 (2000)
	238 (6045)	108.5 (2755)	265.6 (6745)	286 (7264)	82.7 (2100)	60.4 (1535)	4.5	8	4321 (1960)	3638 (1650)
	258 (6545)	116.3 (2955)	285.2 (7245)	305.7 (7764)	90.6 (2300)	68.3 (1735)	4.5	8	3594 (1630)	3020 (1370)

¹ Height of standard load backrest is 48" (1220 mm).
 * All capacities of 1500 lbs. or less are subject to a secondary review by Toyota.

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER*	32 IN. (810 MM) LOAD CENTER*
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
05-8FBM30T										
Wide Visible (V)	118 (3005)	87.2 (2215)	145.9 (3705)	166.3 (4224)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	94.3 (2395)	159.3 (4045)	179.7 (4564)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
	179 (4545)	121.5 (3085)	206.5 (5245)	226.9 (5764)	4.9 (125)	4.9 (125)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 2-Stage (FV)	120 (3045)	83.7 (2125)	145.9 (3705)	166.3 (4224)	54.9 (1395)	36 (915)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	88.8 (2255)	159.3 (4045)	179.7 (4564)	59.6 (1515)	40.7 (1035)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	72.6 (1845)	53.7 (1365)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	72.6 (1845)	53.7 (1365)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	118 (3005)	86 (2185)	145.9 (3705)	166.3 (4224)	59.4 (1510)	38 (965)	4.5	8	6000 (2722)	5000 (2268)
	132 (3345)	92.7 (2355)	159.3 (4045)	179.7 (4564)	66.9 (1700)	44.7 (1135)	4.5	8	6000 (2722)	5000 (2268)
	147.5 (3745)	100.6 (2555)	175 (4445)	131.3 (3334)	74.8 (1900)	52.6 (1335)	4.5	8	6000 (2722)	5000 (2268)
	159 (4045)	108.5 (2755)	186.8 (4745)	207.3 (5264)	80.3 (2040)	60.4 (1535)	4.5	8	6000 (2722)	5000 (2268)
Full Free-Lift 3-Stage (FSV)	171 (4345)	84 (2135)	198.6 (5045)	219.1 (5564)	60.2 (1530)	40.9 (1040)	4.5	8	5700 (2585)	4410 (2000)
	187 (4745)	88 (2235)	214.4 (5445)	234.8 (5964)	67.3 (1710)	48 (1220)	4.5	8	5700 (2585)	4410 (2000)
	198.5 (5045)	94.3 (2395)	246.6 (5745)	246.6 (6264)	74.8 (1900)	55.5 (1410)	4.5	8	5700 (2585)	4410 (2000)
	218 (5545)	101.8 (2585)	245.9 (6245)	266.3 (6764)	84.6 (2150)	65.4 (1660)	4.5	8	5335 (2420)	4410 (2000)
	238 (6045)	111.6 (2835)	265.6 (6745)	286 (7264)	94.5 (2400)	75.2 (1910)	4.5	8	4387 (1990)	3682 (1670)
	258 (6545)	121.5 (3085)	285.2 (7245)	305.7 (7764)	104.3 (2650)	85 (2160)	4.5	8	4167 (1890)	3505 (1590)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	173 (4395)	86 (2185)	200.6 (5095)	221 (5614)	60.2 (1530)	38 (965)	4.5	8	5700 (2585)	4410 (2000)
	187 (4745)	90.7 (2305)	214.4 (5445)	234.8 (5964)	65 (1650)	42.7 (1085)	4.5	8	5700 (2585)	4410 (2000)
	198.5 (5045)	94.7 (2405)	246.6 (5745)	246.6 (6264)	68.9 (1750)	46.7 (1185)	4.5	8	5700 (2585)	4410 (2000)
	218 (5545)	102.6 (2605)	245.9 (6245)	266.3 (6764)	76.8 (1950)	54.5 (1385)	4.5	8	5335 (2420)	4410 (2000)
	238 (6045)	108.5 (2755)	265.6 (6745)	286 (7264)	82.7 (2100)	60.4 (1535)	4.5	8	4387 (1990)	3682 (1670)
	258 (6545)	116.3 (2955)	285.2 (7245)	305.7 (7764)	90.6 (2300)	68.3 (1735)	4.5	8	4167 (1890)	3505 (1590)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹				
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹						
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	24 IN. (610 MM) LOAD CENTER*	32 IN. (810 MM) LOAD CENTER*
05-8FBM35T										
Wide Visible (V)	118 (3005)	87.2 (2215)	145.9 (3705)	166.3 (4224)	4.9 (125)	4.9 (125)	4.5	8	7000 (3175)	5180 (2350)
	132 (3345)	94.3 (2395)	159.3 (4045)	179.7 (4564)	4.9 (125)	4.9 (125)	4.5	8	7000 (3175)	5180 (2350)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	4.9 (125)	4.9 (125)	4.5	8	7000 (3175)	5180 (2350)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	4.9 (125)	4.9 (125)	4.5	8	7000 (3175)	5180 (2350)
	179 (4545)	121.5 (3085)	206.5 (5245)	226.9 (5764)	4.9 (125)	4.9 (125)	4.5	8	7000 (3175)	5180 (2350)
Full Free-Lift 2-Stage (FV)	120 (3045)	83.7 (2125)	145.9 (3705)	166.3 (4224)	54.9 (1395)	36 (915)	4.5	8	7000 (3175)	5180 (2350)
	132 (3345)	88.8 (2255)	159.3 (4045)	179.7 (4564)	59.6 (1515)	40.7 (1035)	4.5	8	7000 (3175)	5180 (2350)
	147.5 (3745)	101.8 (2585)	175 (4445)	131.3 (3334)	72.6 (1845)	53.7 (1365)	4.5	8	7000 (3175)	5180 (2350)
	159 (4045)	111.6 (2835)	186.8 (4745)	207.3 (5264)	72.6 (1845)	53.7 (1365)	4.5	8	7000 (3175)	5180 (2350)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	118 (3005)	86 (2185)	145.9 (3705)	166.3 (4224)	59.4 (1510)	38 (965)	4.5	8	7000 (3175)	5180 (2350)
	132 (3345)	92.7 (2355)	159.3 (4045)	179.7 (4564)	66.9 (1700)	44.7 (1135)	4.5	8	7000 (3175)	5180 (2350)
	147.5 (3745)	100.6 (2555)	175 (4445)	131.3 (3334)	74.8 (1900)	52.6 (1335)	4.5	8	7000 (3175)	5180 (2350)
	159 (4045)	108.5 (2755)	186.8 (4745)	207.3 (5264)	80.3 (2040)	60.4 (1535)	4.5	8	7000 (3175)	5180 (2350)
Full Free-Lift 3-Stage (FSV)	171 (4345)	87.2 (2215)	198.6 (5045)	219.1 (5564)	60.2 (1530)	40.9 (1040)	4.5	8	6834 (3100)	5400 (2449)
	187 (4745)	94.3 (2395)	214.4 (5445)	234.8 (5964)	67.3 (1710)	48 (1220)	4.5	8	6834 (3100)	5400 (2449)
	198.5 (5045)	101.8 (2585)	246.6 (5745)	246.6 (6264)	74.8 (1900)	55.5 (1410)	4.5	8	6768 (3070)	5400 (2449)
	218 (5545)	111.6 (2835)	245.9 (6245)	266.3 (6764)	84.6 (2150)	65.4 (1660)	4.5	8	6504 (2950)	5400 (2449)
	238 (6045)	121.5 (3085)	265.6 (6745)	286 (7264)	94.5 (2400)	75.2 (1910)	4.5	8	5578 (2530)	4696 (2130)
	258 (6545)	131.3 (3335)	285.2 (7245)	305.7 (7764)	104.3 (2650)	85 (2160)	4.5	8	4497 (2040)	3792 (1720)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	173 (4395)	86 (2185)	200.6 (5095)	221 (5614)	60.2 (1530)	38 (965)	4.5	8	6834 (3100)	5400 (2449)
	187 (4745)	90.7 (2305)	214.4 (5445)	234.8 (5964)	65 (1650)	42.7 (1085)	4.5	8	6834 (3100)	5400 (2449)
	198.5 (5045)	94.7 (2405)	246.6 (5745)	246.6 (6264)	68.9 (1750)	46.6 (1185)	4.5	8	6768 (3070)	5400 (2449)
	218 (5545)	102.6 (2605)	245.9 (6245)	266.3 (6764)	76.8 (1950)	54.5 (1385)	4.5	8	6504 (2950)	5400 (2449)
	238 (6045)	108.5 (2755)	265.6 (6745)	286 (7264)	82.7 (2100)	60.4 (1535)	4.5	8	5578 (2530)	4696 (2130)
	258 (6545)	116.3 (2955)	285.2 (7245)	305.7 (7764)	90.6 (2300)	68.3 (1735)	4.5	8	4497 (2040)	3792 (1720)

¹ Height of standard load backrest is 48" (1220 mm).

* All capacities of 1500 lbs. or less are subject to a secondary review by Toyota.

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER*
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹					
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)
8FBM40T									
Wide Visible (V)	120 (3050)	92.9 (2360)	151.8 (3856)	165.4 (4200)	3.15 (80)	3.15 (80)	5	10	8000 (3640)
	132 (3350)	98.4 (2500)	163.6 (4156)	177.2 (4500)	3.15 (80)	3.15 (80)	5	10	8000 (3640)
	147.5 (3750)	108.3 (2750)	179.5 (4560)	192.9 (4900)	3.15 (80)	3.15 (80)	5	10	8000 (3640)
	159 (4050)	113.4 (2880)	191.2 (4856)	204.7 (5200)	3.15 (80)	3.15 (80)	5	10	8000 (3640)
	179 (4550)	123.2 (3130)	210.9 (5356)	224.4 (5700)	3.15 (80)	3.15 (80)	5	6	8000 (3640)
	199 (5050)	133.1 (3380)	230.6 (5856)	244.1 (6200)	3.15 (80)	3.15 (80)	5	6	8000 (3640)
Full Free-Lift 2-Stage (FV)	218.5 (5550)	142.9 (3630)	250.2 (6356)	263.8 (6700)	3.15 (80)	3.15 (80)	5	6	7914 (3590)
	120 (3050)	92.9 (2360)	153.1 (3890)	165.4 (4200)	57.9 (1470)	45.7 (1160)	5	10	8000 (3640)
	132 (3350)	98.4 (2500)	165 (4190)	177.2 (4500)	63.4 (1610)	48.8 (1240)	5	10	8000 (3640)
	147.5 (3750)	108.3 (2750)	180.7 (4590)	192.9 (4900)	73.2 (1860)	51.2 (1300)	5	10	8000 (3640)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	159 (4050)	113.4 (2880)	192.5 (4890)	204.7 (5200)	78.3 (1990)	61 (1550)	5	10	8000 (3640)
	120 (3050)	92.9 (2360)	153.1 (3890)	165.4 (4200)	57.9 (1470)	45.7 (1160)	5	10	8000 (3640)
	132 (3350)	98.4 (2500)	165 (4190)	177.2 (4500)	63.4 (1610)	48.8 (1240)	5	10	8000 (3640)
	147.5 (3750)	108.3 (2750)	180.7 (4590)	192.9 (4900)	73.2 (1860)	51.2 (1300)	5	10	8000 (3640)
Full Free-Lift 3-Stage (FSV)	159 (4050)	113.4 (2880)	192.5 (4890)	204.7 (5200)	78.3 (1990)	61 (1550)	5	10	8000 (3640)
	175 (4450)	92.9 (2360)	208.3 (5290)	220.5 (5600)	57.9 (1470)	45.7 (1160)	5	6	8000 (3640)
	187 (4750)	96.1 (2440)	220.1 (5590)	232.3 (5900)	61 (1550)	48.8 (1240)	5	6	8000 (3640)
	199 (5050)	98.4 (2500)	231.9 (5890)	244.1 (6200)	63.4 (1610)	51.2 (1300)	5	6	8000 (3640)
	218.5 (5550)	108.3 (2750)	251.6 (6390)	263.8 (6700)	73.2 (1860)	61 (1550)	5	6	7716 (3500)
	238 (6050)	113.4 (2880)	271.3 (6890)	283.5 (7200)	78.3 (1990)	66.1 (1680)	5	6	7430 (3370)
	258 (6550)	123.2 (3130)	290.9 (7390)	303.1 (7700)	88.2 (2240)	76 (1930)	5	6	6812 (3090)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	175 (4450)	92.9 (2360)	208.3 (5290)	220.5 (5600)	57.9 (1470)	45.7 (1160)	5	6	8000 (3640)
	187 (4750)	96.1 (2440)	220.1 (5590)	232.3 (5900)	61 (1550)	48.8 (1240)	5	6	8000 (3640)
	199 (5050)	98.4 (2500)	231.9 (5890)	244.1 (6200)	63.4 (1610)	51.2 (1300)	5	6	8000 (3640)
	218.5 (5550)	108.3 (2750)	251.6 (6390)	263.8 (6700)	73.2 (1860)	61 (1550)	5	6	7716 (3500)
	238 (6050)	113.4 (2880)	271.3 (6890)	283.5 (7200)	78.3 (1990)	66.1 (1680)	5	6	7430 (3370)
	258 (6550)	123.2 (3130)	290.9 (7390)	303.1 (7700)	88.2 (2240)	76 (1930)	5	6	6812 (3090)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	FWD	BWD	24 IN. (610 MM) LOAD CENTER*
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹					
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)
8FBM45T									
Wide Visible (V)	120 (3050)	92.9 (2360)	151.8 (3856)	165.4 (4200)	3.15 (80)	3.15 (80)	5	10	9000 (4090)
	132 (3350)	98.4 (2500)	163.6 (4156)	177.2 (4500)	3.15 (80)	3.15 (80)	5	10	9000 (4090)
	147.5 (3750)	108.3 (2750)	179.5 (4560)	192.9 (4900)	3.15 (80)	3.15 (80)	5	10	9000 (4090)
	159 (4050)	113.4 (2880)	191.2 (4856)	204.7 (5200)	3.15 (80)	3.15 (80)	5	10	9000 (4090)
	179 (4550)	123.2 (3130)	210.9 (5356)	224.4 (5700)	3.15 (80)	3.15 (80)	5	6	9000 (4090)
	199 (5050)	133.1 (3380)	230.6 (5856)	244.1 (6200)	3.15 (80)	3.15 (80)	5	6	9000 (4090)
	218.5 (5550)	142.9 (3630)	250.2 (6356)	263.8 (6700)	3.15 (80)	3.15 (80)	5	6	8928 (4050)
Full Free-Lift 2-Stage (FV)	120 (3050)	92.9 (2360)	153.1 (3890)	165.4 (4200)	57.9 (1470)	45.7 (1160)	5	10	9000 (4090)
	132 (3350)	98.4 (2500)	165 (4190)	177.2 (4500)	63.4 (1610)	48.8 (1240)	5	10	9000 (4090)
	147.5 (3750)	108.3 (2750)	180.7 (4590)	192.9 (4900)	73.2 (1860)	51.2 (1300)	5	10	9000 (4090)
	159 (4050)	113.4 (2880)	192.5 (4890)	204.7 (5200)	78.3 (1990)	61 (1550)	5	10	9000 (4090)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	120 (3050)	92.9 (2360)	153.1 (3890)	165.4 (4200)	57.9 (1470)	45.7 (1160)	5	10	9000 (4090)
	132 (3350)	98.4 (2500)	165 (4190)	177.2 (4500)	63.4 (1610)	48.8 (1240)	5	10	9000 (4090)
	147.5 (3750)	108.3 (2750)	180.7 (4590)	192.9 (4900)	73.2 (1860)	51.2 (1300)	5	10	9000 (4090)
	159 (4050)	113.4 (2880)	192.5 (4890)	204.7 (5200)	78.3 (1990)	61 (1550)	5	10	9000 (4090)
Full Free-Lift 3-Stage (FSV)	175 (4450)	92.9 (2360)	208.3 (5290)	220.5 (5600)	57.9 (1470)	45.7 (1160)	5	6	9000 (4090)
	187 (4750)	96.1 (2440)	220.1 (5590)	232.3 (5900)	61 (1550)	48.8 (1240)	5	6	9000 (4090)
	199 (5050)	98.4 (2500)	231.9 (5890)	244.1 (6200)	63.4 (1610)	51.2 (1300)	5	6	8818 (4000)
	218.5 (5550)	108.3 (2750)	251.6 (6390)	263.8 (6700)	73.2 (1860)	61 (1550)	5	6	8708 (3950)
	238 (6050)	113.4 (2880)	271.3 (6890)	283.5 (7200)	78.3 (1990)	66.1 (1680)	5	6	8443 (3830)
	258 (6550)	123.2 (3130)	290.9 (7390)	303.1 (7700)	88.2 (2240)	76 (1930)	5	6	7319 (3320)
Full Free-Lift 3-Stage, 4-Cylinder (FSW)	175 (4450)	92.9 (2360)	208.3 (5290)	220.5 (5600)	57.9 (1470)	45.7 (1160)	5	6	9000 (4090)
	187 (4750)	96.1 (2440)	220.1 (5590)	232.3 (5900)	61 (1550)	48.8 (1240)	5	6	9000 (4090)
	199 (5050)	98.4 (2500)	231.9 (5890)	244.1 (6200)	63.4 (1610)	51.2 (1300)	5	6	8818 (4000)
	218.5 (5550)	108.3 (2750)	251.6 (6390)	263.8 (6700)	73.2 (1860)	61 (1550)	5	6	8708 (3950)
	238 (6050)	113.4 (2880)	271.3 (6890)	283.5 (7200)	78.3 (1990)	66.1 (1680)	5	6	8443 (3830)
	258 (6550)	123.2 (3130)	290.9 (7390)	303.1 (7700)	88.2 (2240)	76 (1930)	5	6	7319 (3320)

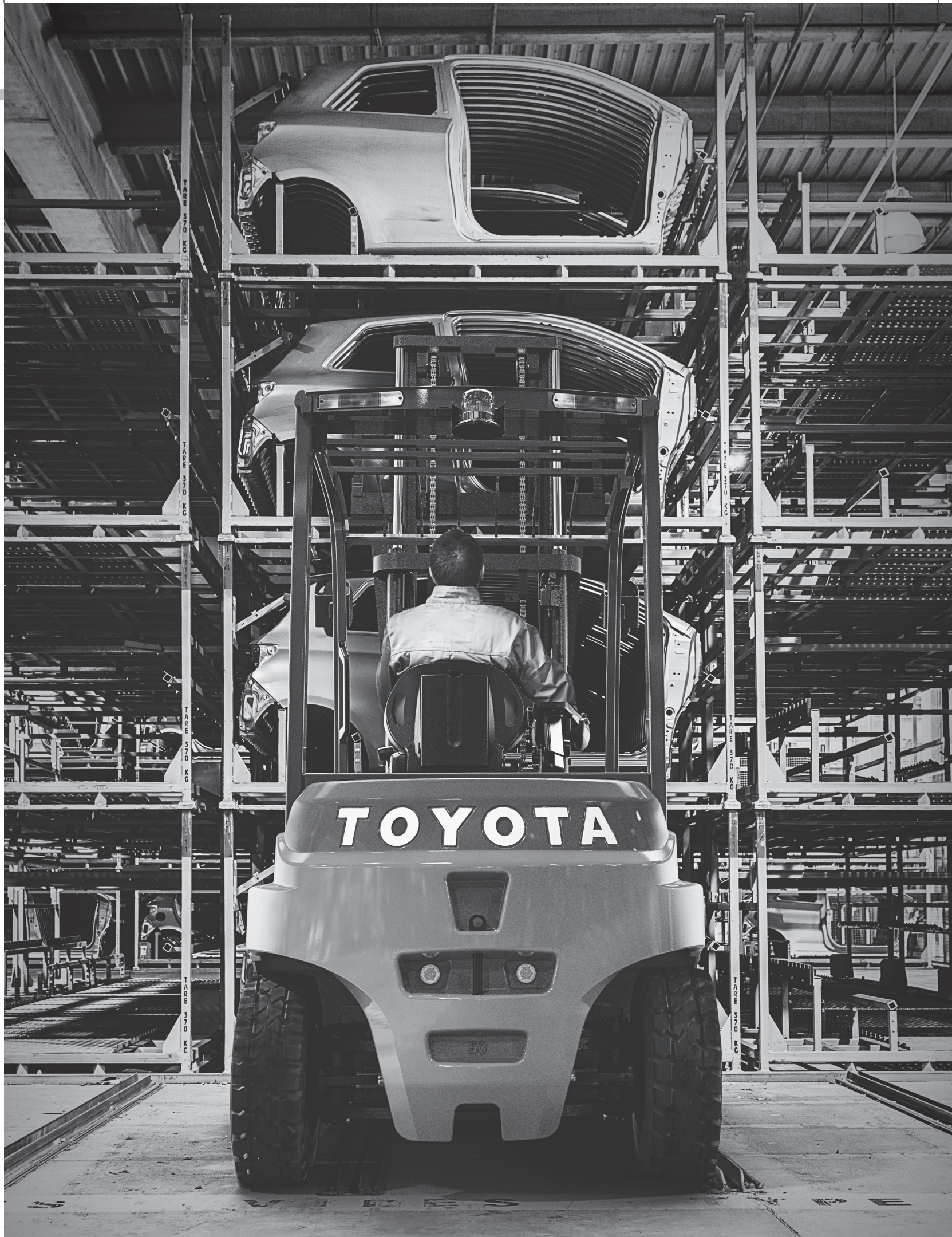
¹ Height of standard load backrest is 48" (1220 mm).
 * All capacities of 1500 lbs. or less are subject to a secondary review by Toyota.

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER*
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹			
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹					
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)
8FBM50T									
Wide Visible (V)	120 (3060)	92.9 (2360)	155.7 (3956)	165.4 (4200)	3.15 (80)	3.15 (80)	5	10	11000 (4990)
	132 (3360)	98.4 (2500)	163.6 (4156)	177.2 (4500)	3.15 (80)	3.15 (80)	5	10	11000 (4990)
	148 (3760)	108.3 (2750)	179.5 (4560)	192.9 (4900)	3.15 (80)	3.15 (80)	5	10	11000 (4990)
	160 (4060)	113.4 (2880)	191.2 (4856)	204.7 (5200)	3.15 (80)	3.15 (80)	5	10	11000 (4990)
	179.5 (4560)	123.2 (3130)	210.9 (5356)	224.4 (5700)	3.15 (80)	3.15 (80)	5	6	11000 (4990)
	199 (5060)	133.1 (3380)	230.6 (5856)	244.1 (6200)	3.15 (80)	3.15 (80)	5	6	11000 (4990)
Full Free-Lift 2-Stage (FV)	219 (5560)	142.9 (3630)	250.2 (6356)	263.8 (6700)	3.15 (80)	3.15 (80)	5	6	10913 (4950)
	112.5 (2860)	92.9 (2360)	145.3 (3690)	157.5 (4000)	57.9 (1470)	45.7 (1160)	5	10	11000 (4990)
	132 (3360)	103.5 (2630)	165 (4190)	177.2 (4500)	68.5 (1740)	56.3 (1430)	5	10	11000 (4990)
	148 (3760)	113.4 (2880)	180.7 (4590)	192.9 (4900)	78.3 (1990)	66.1 (1680)	5	10	11000 (4990)
Full Free-Lift 2-Stage, 4-Cylinder (FW)	160 (4060)	123.2 (3130)	192.5 (4890)	204.7 (5200)	88.2 (2240)	76 (1930)	5	10	11000 (4990)
	112.5 (2860)	92.9 (2360)	145.3 (3690)	157.5 (4000)	57.9 (1470)	45.7 (1160)	5	10	11000 (4990)
	132 (3360)	103.5 (2630)	165 (4190)	177.2 (4500)	68.5 (1740)	56.3 (1430)	5	10	11000 (4990)
	148 (3760)	113.4 (2880)	180.7 (4590)	192.9 (4900)	78.3 (1990)	66.1 (1680)	5	10	11000 (4990)
Full Free-Lift 3-Stage (FSV)	160 (4060)	123.2 (3130)	192.5 (4890)	204.7 (5200)	88.2 (2240)	76 (1930)	5	10	11000 (4990)
	171.5 (4360)	92.9 (2360)	204.3 (5190)	216.5 (5500)	57.9 (1470)	45.7 (1160)	5	6	11000 (4990)
	187 (4760)	98.4 (2500)	220.1 (5590)	232.3 (5900)	63.4 (1610)	51.2 (1300)	5	6	10957 (4970)
	199 (5060)	103.5 (2630)	231.9 (5890)	244.1 (6200)	68.5 (1740)	56.3 (1430)	5	6	10780 (4890)
	219 (5560)	113.4 (2880)	251.6 (6390)	263.8 (6700)	78.3 (1990)	66.1 (1680)	5	6	10471 (4750)
	238.5 (6060)	123.2 (3130)	271.3 (6890)	283.5 (7200)	88.2 (2240)	76 (1930)	5	6	10163 (4610)
Full Free-Lift 4-Cylinder (FSW)	258 (6560)	133.1 (3380)	290.9 (7390)	303.1 (7700)	98 (2490)	85.8 (2180)	5	6	8488 (3850)
	171.5 (4360)	92.9 (2360)	204.3 (5190)	216.5 (5500)	57.9 (1470)	45.7 (1160)	5	6	11000 (4990)
	187 (4760)	98.4 (2500)	220.1 (5590)	232.3 (5900)	63.4 (1610)	51.2 (1300)	5	6	10957 (4970)
	199 (5060)	103.5 (2630)	231.9 (5890)	244.1 (6200)	68.5 (1740)	56.3 (1430)	5	6	10780 (4890)
	219 (5560)	113.4 (2880)	251.6 (6390)	263.8 (6700)	78.3 (1990)	66.1 (1680)	5	6	10471 (4750)
	238.5 (6060)	123.2 (3130)	271.3 (6890)	283.5 (7200)	88.2 (2240)	76 (1930)	5	6	10163 (4610)
	258 (6560)	133.1 (3380)	290.9 (7390)	303.1 (7700)	98 (2490)	85.8 (2180)	5	6	8488 (3850)

¹ Height of standard load backrest is 48" (1220 mm).

* All capacities of 1500 lbs. or less are subject to a secondary review by Toyota.





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