

CORE IC PNEUMATIC



3000 - 6500 LBS.

SPECIFICATIONS



50-8FGU15-32 | 40-8FGU15-32

CLASS
5

INTERNAL COMBUSTION ENGINE PNEUMATIC TIRE

ToyotaForklift.com

CAPACITY
3000 – 6500 LBS.

WHEELBASE
58.5 – 66.9 IN.

LOAD CENTER
24 IN.

INDUSTRIES



Brick, Block
& Pipe



Distribution



Factory



General
Manufacturing



General
Warehousing



Lumber



Paper



Retail

STANDARD FEATURES

DURABILITY

- Control Area Network (CAN-bus) communication
- Limited free-lift 2-stage mast (V)
- Fully stamped steel side panels
- Moisture-resistant electric connectors
- Tilt cylinder boots

- High cooling capacity radiator with fan shroud
- Low-maintenance battery
- Large-capacity engine-cooling fan
- 7" cyclone air cleaner with high positioned external air intake
- Plate-iron front fenders

- Anti-restart ignition key switch
- Stamped steel engine hood
- Fully sealed air intake system
- Self-adjusting brakes
- Rear wheel well covers
- Scratch zones on both sides of counterweight

SUPPORT

- System of Active Stability™ (SAS)
- Operator Presence Sensing System (OPSS)
- Speed control
- Bolt-on overhead guard

- Key lowering interlock
- High-durability electric horn
- LED headlights
- Neutral start safety switch
- Asbestos-free components

- Single touch maximum speed limitation & low speed setting
- Key off/headlight off system

PERFORMANCE

- UL "LP" engine¹
 - 4Y-US 136 cu. in., 4-cylinder engine
 - OHV EPA/CARB certified LP engine
 - 3-way catalytic muffler system
- Dual fuel engine¹
 - Kubota WG2503 4-cylinder engine
 - OHV EPA/CARB certified engine – G/LP or LPG
 - Single type muffler/ 3-way catalyst
- Distributor less ignition (DLI)
- Alternator with built-in regulator

- Automatic transmission with oil cooler
- Full-floating powertrain
- Fuel system configurations with swing-out tank bracket & one-touch latch system
- Electric shift control
- LCD multi-function display – includes:
 - Data log, fuel, and operation information with QR code output
 - Various hours meters
- Engine coolant temperature gauge

- Fuel gauge (excluding LP)
- Check engine light
- Engine oil pressure warning light
- OPSS activation light
- Parking brake indicator
- SAS/OPSS warning light
- Master warning, wheel, direction, and mast tilt indicators

ERGONOMICS/CABIN

- Dash-mounted instrument display
- 11.8"-dia., two-spoke steering wheel
- Load-sensing hydrostatic power steering
- Heavy-duty non-slip rubber floor mat
- 12"-long dual operator assist grips
- One-way automatic fork leveling

- Integrated headlight & turn signal lever
- Cowl-mounted hydraulic control levers with rubber boot covers
- Low, wide-entry steps
- Orange, non-cinching seatbelt
- Independent brake & inching pedals

- Oversized cup holder
- Premium Seat with full-suspension
- Slim profile, tilt steering column
- Foot-activated parking brake

SERVICEABILITY

- Easy-access, no tools required floorboard
- Engine hood assist damper with lock device

- Air cleaner discharge valve
- Externally-mounted hydraulic oil return filter

- Dash-mounted brake fluid level check
- Easy-lift engine hood with wide 75° opening

¹ - Engine type dictated by fuel option chosen

OPTIONAL EQUIPMENT

- Travel speed/acceleration control system
- Hydraulic accumulator
- Intelli-Shift
- Rear assist grip with horn button
- Rustproof spec
- Mini-lever controls with ErgoShift
- EZ Control Joystick®
- EZ Fingertip Controls®
- Swivel seat
- Synchronized steering
- LED front combination lights
- LED rear combination lights
- Deluxe steel cab
- Standard steel cab
- 12-Volt power supply
- EZ Pedal (foot directional control)
- Plate fin radiator
- Radiator screen
- Fire extinguisher
- Steering wheel with knob
- Polished and tapered forks
- Integral & hang-on sidershifters
- Integral side shifting fork positioner
- Bottler's tilt
- LPG low-fuel warning light & alarm
- High-capacity 80-amp alternator (4Y-US models)
- Strobe lights
- Step-mounted toolbox with cover
- Cloth 4-way adjustable full-suspension seat
- Back up alarms
- Combination brake & inching pedal
- Pre-cleaner for air intake
- Rearview mirrors
- Wide tread tires
- UL LP, G/LP, and LPS models available
- Swing-down LPG tank bracket
- Reverse-activated blue light
- Seatbelt interlock

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



TRUCK SPECIFICATIONS

				MODEL NUMBERS			
GENERAL DATA				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
Load Capacity		lb (kg)		3000 (1350)	3000 (1350)	3500 (1600)	3500 (1600)
Power Type				Gasoline/LP	LP	Gasoline/LP	LP
Operator Position				Seated Rider	Seated Rider	Seated Rider	Seated Rider
Tire Type	Front / Rear	Pneumatic / Pneumatic		Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic
Wheels (x = driven)	Front / Rear	2x / 2		2x / 2	2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
A	Maximum Fork Height (top of forks)	in (mm)		131 (3335)	131 (3335)	131 (3335)	131 (3335)
B	Free-Lift (top of forks)	in (mm)		5.7 (145)	5.7 (145)	5.7 (145)	5.7 (145)
C	Fork Size (T x W x L)	in (mm)		1.4 x 4 x 42 (35 x 100 x 1070)	1.4 x 4 x 42 (35 x 100 x 1070)	1.4 x 4 x 42 (35 x 100 x 1070)	1.4 x 4 x 42 (35 x 100 x 1070)
D	Fork Spread Max. / Min. (outer edge to edge)	in (mm)		36 (920) / 8 (200)	36 (920) / 8 (200)	36 (920) / 8 (200)	36 (920) / 8 (200)
E	Tilt Range (forward / backward)	deg		6 / 11	6 / 11	6 / 11	6 / 11
F	Length to Fork Face	in (mm)		89.6 (2275)	89.6 (2275)	90.7 (2305)	90.7 (2305)
G	Overall Width	in (mm)		42.1 (1070)	42.1 (1070)	42.1 (1070)	42.1 (1070)
H	Mast Lowered Height	in (mm)		84.5 (2145)	84.5 (2145)	84.5 (2145)	84.5 (2145)
I	Mast Extended Height (top of load backrest)	in (mm)		179.3 (4555)	179.3 (4555)	179.3 (4555)	179.3 (4555)
J	Overhead Guard Height	in (mm)		81.9 (2080)	81.9 (2080)	81.9 (2080)	81.9 (2080)
K	Turning Radius (inside / outside)	in (mm)		1.38 (35) / 76 (1930)	1.38 (35) / 76 (1930)	1.38 (35) / 78 (1980)	1.38 (35) / 78 (1980)
L	Load Distance¹	in (mm)		15.9 (405)	15.9 (405)	15.9 (405)	15.9 (405)
M	Rear Overhang	in (mm)		15.2 (385)	15.2 (385)	16.3 (415)	16.3 (415)
N	Basic Right-Angle Stacking Aisle Width²	in (mm)		91.9 (2335)	91.9 (2335)	93.9 (2385)	93.9 (2385)
PERFORMANCE DATA				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)
		No Load	mph (km/h)	11.8 (19.0) / 11.8 (19.0)	11.8 (19.0) / 11.8 (19.0)	11.8 (19.0) / 11.8 (19.0)	11.8 (19.0) / 11.8 (19.0)
	Lifting	Full Load	fpm (mm/sec)	131 (665)	131 (665)	131 (665)	131 (665)
		No Load	fpm (mm/sec)	134 (680)	134 (680)	134 (680)	134 (680)
	Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	108 (550)	108 (550)	108 (550)	108 (550)
Drawbar Pull	Maximum	Full Load	lb (kg)	3940 (1790) / 4170 (1890)	4170 (1890)	3940 (1790) / 4170 (1890)	4170 (1890)
		No Load	lb (kg)	1550 (700)	1550 (700)	1300 (590)	1300 (590)
Gradeability	1 mph (1.5 km/h)³	Full Load	%	41/43	43	36/38	38
		Full Load	%	45	45	45	45
	Maximum³	No Load	%	22	22	20	20
TRUCK WEIGHTS				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
Total Weight		lb (kg)		5670 (2570)	5500 (2500)	6090 (2760)	5920 (2690)
Weight Distribution	Full Load (front / rear)	lb (kg)		7620 (3580) / 1050 (490)	7560 (3560) / 940 (440)	8460 (3980)/1130 (530)	8400 (3960) / 1020 (480)
	No Load (front / rear)	lb (kg)		2560 (1160) / 3110 (1410)	2500 (1140) / 3000 (1360)	2560 (1160) / 3530 (1600)	2500 (1140) / 3420 (1550)
TIRES				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	2 / 2
	Size	Front		6.50-10-10PR (1)	6.50-10-10PR (1)	6.50-10-10PR (1)	6.50-10-10PR (1)
		Rear		5.00-8-8PR (1)	5.00-8-8PR (1)	5.00-8-8PR (1)	5.00-8-8PR (1)
Wheelbase		in (mm)		58.5 (1485)	58.5 (1485)	58.5 (1485)	58.5 (1485)
Tread Width (front / rear)		in (mm)		34.8 (885) / 35.2 (895)	34.8 (885) / 35.2 (895)	34.8 (885) / 35.2 (895)	34.8 (885) / 35.2 (895)
Underclearance (full load)	Minimum with Load	in (mm)		3.9 (100)	3.9 (100)	3.9 (100)	3.9 (100)
	Center of Wheelbase	in (mm)		4.5 (115)	4.5 (115)	4.5 (115)	4.5 (115)
Brake	Service (foot) / Parking			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
POWER SYSTEM				40-8FGU15	50-8FGU15	40-8FGU18	50-8FGU18
Battery (5-hour rating)		V / Ah		12/35	12/35	12 / 35	12 / 35
Internal Combustion Engine	Make / Model			Kubota/WG2503	4Y - US	Kubota/WG2503	4Y - US
	Rated Horsepower @ rpm	SAE HP	56 @ 2600 Net/ 58 @ 2600 Net	51 @ 2570 Net	56 @ 2600 Net/ 58 @ 2600 Net	51 @ 2570 Net	51 @ 2570 Net
		(kW)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	(38 @ 2570)
	Rated Torque @ rpm	SAE ft-lb	122 @ 1800 Net/ 129 @ 1600 Net	112 @ 1800 Net	122 @ 1800 Net/ 129 @ 1600 Net	112 @ 1800 Net	112 @ 1800 Net
		(N-m)	165 @ 1800/ 175 @ 1600	(152 @ 1800)	165 @ 1800/ 175 @ 1600	(152 @ 1800)	(152 @ 1800)
	Number of Cylinders		4	4	4	4	4
	Piston Displacement		cu in (cc)	151(2491)	136 (2237)	151(2491)	136 (2237)
Fuel Tank Capacity		US gal (liter)		12 (45)	12 (45)	12 (45)	12 (45)
Transmission	Type		Powershift	Powershift	Powershift	Powershift	Powershift
	Speeds (forward / reverse)		1/1	1/1	1/1	1/1	1/1
Auxiliary Hydraulic Function Specifications (for attachments)⁴	Max. Operating Pressure		psi (kg/cm2)	2275 (160)	2275 (160)	2275 (160)	2275 (160)
	Max. Flow Rate		gpm	17	17	17	17

1 Load distance at centerline of front axle to front face of forks.

2 Basic right-angle stacking aisle width, add load length & clearance.

3 Computed values. Performance of LPG fuel system may be less than that of standard model shown.

4 Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

MODEL NUMBERS

GENERAL DATA				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
Load Capacity		lb (kg)		4000 (1800)	4000 (1800)	5000 (2250)	5000 (2250)
Power Type				Gasoline/LP	LP	Gasoline/LP	LP
Operator Position				Seated Rider	Seated Rider	Seated Rider	Seated Rider
Tire Type	Front / Rear			Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic
Wheels (x = driven)	Front / Rear			2x / 2	2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
A	Maximum Fork Height (top of forks)	in (mm)		131.5 (3340)	131.5 (3340)	131.5 (3340)	131.5 (3340)
B	Free-Lift (top of forks)	in (mm)		6.1 (155)	6.1 (155)	6.1 (155)	6.1 (155)
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)	1.6 x 5 x 42 (40 x 125 x 1070)
D	Fork Spread Max. / Min. (outer edge to edge)	in (mm)		40 (1020) / 10 (250)	40 (1020) / 10 (250)	40 (1020) / 10 (250)	40 (1020) / 10 (250)
E	Tilt Range (forward / backward)	deg		6 / 11	6 / 11	6 / 11	6 / 11
F	Length to Fork Face	in (mm)		101.4 (2575)	101.4 (2575)	103.9 (2640)	103.9 (2640)
G	Overall Width	in (mm)		45.3 (1150)	45.3 (1150)	45.3 (1150)	45.3 (1150)
H	Mast Lowered Height	in (mm)		84.5 (2145)	84.5 (2145)	84.5 (2145)	84.5 (2145)
I	Mast Extended Height (top of load backrest)	in (mm)		179.5 (4560)	179.5 (4560)	179.5 (4560)	179.5 (4560)
J	Overhead Guard Height	in (mm)		83.1 (2110)	83.1 (2110)	83.1 (2110)	83.1 (2110)
K	Turning Radius (inside / outside)	in (mm)		5.91 (150) / 84.7 (2150)	5.91 (150) / 84.7 (2150)	5.91 (150) / 87.5 (2220)	5.91 (150) / 87.5 (2220)
L	Load Distance ¹	in (mm)		18.5 (470)	18.5 (470)	18.5 (470)	18.5 (470)
M	Rear Overhang	in (mm)		17.9 (455)	17.9 (455)	20.5 (520)	20.5 (520)
N	Basic Right-Angle Stacking Aisle Width ²	in (mm)		103.2 (2620)	103.2 (2620)	105.9 (2690)	105.9 (2690)
PERFORMANCE DATA				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)	10.9 (17.5) / 10.9 (17.5)
		No Load	mph (km/h)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)
	Lifting	Full Load	fpm (mm/sec)	118 (600)	118 (600)	118 (600)	118 (600)
		No Load	fpm (mm/sec)	124 (630)	126 (640)	124 (630)	126 (640)
	Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
Drawbar Pull	Maximum	Full Load	lb (kg)	4160 (1890)/4250 (1930)	4250 (1928)	4160 (1890)/4250 (1930)	4250 (1928)
		No Load	lb (kg)	2020 (915)	2020 (915)	1910 (870)	1910 (870)
Gradeability	1 mph (1.5 km/h) ³	Full Load	%	31/33	33	26/28	28
		Full Load	%	37/39	39	31/33	33
	Maximum ³	No Load	%	23	23	20	20
TRUCK WEIGHTS				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
Total Weight		lb (kg)		7240(3280)	7080 (3210)	8000(3640)	7840 (3560)
Weight Distribution	Full Load (front / rear)	lb (kg)		9820(4630) / 1420(650)	9750 (4600) / 1330 (610)	11340(5360)/1670(770)	11260 (5330) / 1580 (730)
	No Load (front / rear)	lb (kg)		3200 (1450) / 4040 (1830)	3130 (1420) / 3950 (1790)	3050(1380)/4950(2250)	2980 (1350) / 4860 (2210)
TIRES				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	2 / 2
	Size	Front		7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)	7.00-12-12PR (1)
		Rear		6.00-9-10PR (1)	6.00-9-10PR (1)	6.00-9-10PR (1)	6.00-9-10PR (1)
Wheelbase		in (mm)		65 (1650)	65 (1650)	65 (1650)	65 (1650)
Tread Width (front / rear)		in (mm)		37.8 (960) / 38.0 (965)	37.8 (960) / 38.0 (965)	37.8 (960) / 38.0 (965)	37.8 (960) / 38.0 (965)
Underclearance (full load)	Minimum with Load	in (mm)		3.7 (95)	3.7 (95)	3.7 (95)	3.7 (95)
	Center of Wheelbase	in (mm)		5.5 (140)	5.5 (140)	5.5 (140)	5.5 (140)
Brake	Service (foot) / Parking			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
POWER SYSTEM				40-8FGU20	50-8FGU20	40-8FGU25	50-8FGU25
Battery (5-hour rating)		V / Ah		12 / 35	12 / 35	12 / 35	12 / 35
Internal Combustion Engine	Make / Model			Kubota/WG2503	4Y - US	Kubota/WG2503	4Y - US
	Rated Horsepower @ rpm	SAE HP	56 @ 2600 Net/ 58 @ 2600 Net	51 @ 2570 Net	56 @ 2600 Net/ 58 @ 2600 Net	51 @ 2570 Net	
		(kW)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	
	Rated Torque @ rpm	SAE ft-lb	122 @ 1800 Net/ 129 @ 1600 Net	112 @ 1800 Net	122 @ 1800 Net/129 @ 1600 Net	112 @ 1800 Net	
		(N-m)	165 @ 1800 / 175 @ 1600	(152 @ 1800)	165 @ 1800/ 175 @ 1600	(152 @ 1800)	
	Number of Cylinders		4		4	4	4
	Piston Displacement		cu in (cc)		151(2491)	136 (2237)	151(2491)
Fuel Tank Capacity		US gal (liter)		15.9	15.9	15.9	15.9
Transmission	Type		Powershift		Powershift	Powershift	Powershift
	Speeds (forward / reverse)		1 / 1		1 / 1	1 / 1	1 / 1
Auxiliary Hydraulic Function Specifications (for attachments) ⁴	Max. Operating Pressure		psi (kg/cm2)		2275 (160)	2275 (160)	2275 (160)
	Max. Flow Rate		gpm		20	20	20

1 Load distance at centerline of front axle to front face of forks.

2 Basic right-angle stacking aisle width, add load length & clearance.

3 Computed values. Performance of LPG fuel system may be less than that of standard model shown.

4 Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

5 LPG-only units.

TRUCK SPECIFICATIONS

				MODEL NUMBERS			
GENERAL DATA				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
Load Capacity		lb (kg)		6000 (2700)	6000 (2700)	6500 (3000)	6500 (3000)
Power Type				Gasoline/LP	LP	Gasoline/LP	LP
Operator Position				Seated Rider	Seated Rider	Seated Rider	Seated Rider
Tire Type	Front / Rear	Pneumatic / Pneumatic		Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic	Pneumatic / Pneumatic
Wheels (x = driven)	Front / Rear	2x / 2		2x / 2	2x / 2	2x / 2	2x / 2
EXTERIOR DIMENSIONS				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
A	Maximum Fork Height (top of forks)	in (mm)		131.5 (3345)	131.5 (3345)	131.5 (3345)	131.5 (3345)
B	Free-Lift (top of forks)	in (mm)		5.3 (135)	5.3 (135)	5.3 (135)	5.3 (135)
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)	1.8 x 5 x 42 (45 x 125 x 1070)
D	Fork Spread Max. / Min. (outer edge to edge)	in (mm)		42 (1070) / 10 (250)	42 (1070) / 10 (250)	42 (1070) / 10 (250)	42 (1070) / 10 (250)
E	Tilt Range (forward / backward)	deg		6 / 11	6 / 11	6 / 11	6 / 11
F	Length to Fork Face	in (mm)		109.4 (2780)	109.4 (2780)	110.2 (2800)	110.2 (2800)
G	Overall Width	in (mm)		48.8 (1240)	48.8 (1240)	48.8 (1240)	48.8 (1240)
H	Mast Lowered Height	in (mm)		85.3 (2165)	85.3 (2165)	85.3 (2165)	85.3 (2165)
I	Mast Extended Height (top of load backrest)	in (mm)		179.7 (4565)	179.7 (4565)	179.7 (4565)	179.7 (4565)
J	Overhead Guard Height	in (mm)		85.5 (2170)	85.5 (2170)	85.5 (2170)	85.5 (2170)
K	Turning Radius (inside / outside)	in (mm)		7.48 (190) / 92.5 (2350)	7.48 (190) / 92.5 (2350)	93.3 (2370)	93.3 (2370)
L	Load Distance ¹	in (mm)		19.1 (485)	19.1 (485)	19.1 (485)	19.1 (485)
M	Rear Overhang	in (mm)		23 (595)	23 (595)	24 (615)	24 (615)
N	Basic Right-Angle Stacking Aisle Width ²	in (mm)		111.6 (2835)	111.6 (2835)	112.4 (2855)	112.4 (2855)
PERFORMANCE DATA				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
Speeds	Maximum Travel (forward / reverse)	Full Load	mph (km/h)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)	11.2 (18.0) / 11.2 (18.0)
		No Load	mph (km/h)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)	11.5 (18.5) / 11.5 (18.5)
	Lifting	Full Load	fpm (mm/sec)	98(500)	100 (510)	98(500)	100 (510)
		No Load	fpm (mm/sec)	102(520)	108 (550)	102(520)	108 (550)
	Lowering	Full Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
		No Load	fpm (mm/sec)	98 (500)	98 (500)	98 (500)	98 (500)
Drawbar Pull	Maximum	Full Load	lb (kg)	4280 (1940)/4390 (1990)	4040 (1830)	4280 (1940)/4390 (1990)	4040 (1830)
		No Load	lb (kg)	2310 (1050)	2310 (1050)	2310 (1050)	2310 (1050)
Gradeability	1 mph (1.5 km/h) ³	Full Load	%	22/24	22	22/24	21
		Full Load	%	25/26	25	25/26	24
	Maximum ³	No Load	%	21	21	21	21
TRUCK WEIGHTS				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
Total Weight		lb (kg)		9450(4280)	9270 (4210)	9680(4390)	9500 (4320)
Weight Distribution	Full Load (front / rear)	lb (kg)		13370(6330)/2080(950)	13290 (6300) / 1980 (910)	14130 (6700)/2050 (940)	14050 (6670) / 1950 (900)
	No Load (front / rear)	lb (kg)		3510(1590)/5940(2690)	3430 (1560) / 5840 (2650)	3440(1560)/6240(2830)	3360 (1530) / 6140 (2790)
TIRES				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
Tires	Number (front / rear)			2 / 2	2 / 2	2 / 2	2 / 2
	Size	Front		28 x 9-15-12PR (1)	28 x 9-15-12PR (1)	28 x 9-15-14PR (1)	28 x 9-15-14PR (1)
		Rear		6.50-10-10PR (1)	6.50-10-10PR (1)	6.50-10-10PR (1)	6.50-10-10PR (1)
Wheelbase		in (mm)		66.9 (1700)	66.9 (1700)	66.9 (1700)	66.9 (1700)
Tread Width (front / rear)		in (mm)		39.8 (1010) / 38 (965)	39.8 (1010) / 38 (965)	39.8 (1010) / 38 (965)	39.8 (1010) / 38 (965)
Underclearance (full load)	Minimum with Load		in (mm)	4.5 (115)	4.5 (115)	4.5 (115)	4.5 (115)
	Center of Wheelbase		in (mm)	7.3 (185)	7.3 (185)	7.3 (185)	7.3 (185)
Brake	Service (foot) / Parking			Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical	Hydraulic / Mechanical
POWER SYSTEM				40-8FGU30	50-8FGU30	40-8FGU32	50-8FGU32
Battery (5-hour rating)		V / Ah		12 / 35	12 / 35	12 / 35	12 / 35
Internal Combustion Engine	Make / Model			Kubota/WG2503	4Y - US	Kubota/WG2503	4Y - US
	Rated Horsepower @ rpm	SAE HP	56 @ 2600 Net/58 @ 2600 Net	51 @ 2570 Net	56 @ 2600 Net/58 @ 2600 Net	51 @ 2570 Net	
		(kW)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	42 @ 2600/ 44 @ 2600	(38 @ 2570)	
	Rated Torque @ rpm	SAE ft-lb	122 @ 1800 Net/ 129 @ 1600 Net	112 @ 1800 Net	122 @ 1800 Net/ 129 @ 1600 Net	112 @ 1800 Net	
		(N-m)	165 @ 1800/175 @ 1600	(152 @ 1800)	165 @ 1800/175 @ 1600	(152 @ 1800)	
	Number of Cylinders		4	4	4	4	
Piston Displacement		cu in (cc)		151(2491)	136 (2237)	151(2491)	136 (2237)
Fuel Tank Capacity		US gal (liter)		15.9 (60)	15.9 (60)	15.9 (60)	15.9 (60)
Transmission	Type			Powershift	Powershift	Powershift	Powershift
	Speeds (forward / reverse)			1/1	1/1	1/1	1/1
Auxiliary Hydraulic Function Specifications (for attachments) ⁴	Max. Operating Pressure		psi (kg/cm2)	2275 (160)	2275 (160)	2275 (160)	2275 (160)
	Max. Flow Rate		gpm	21	21	21	21

1 Load distance at centerline of front axle to front face of forks.

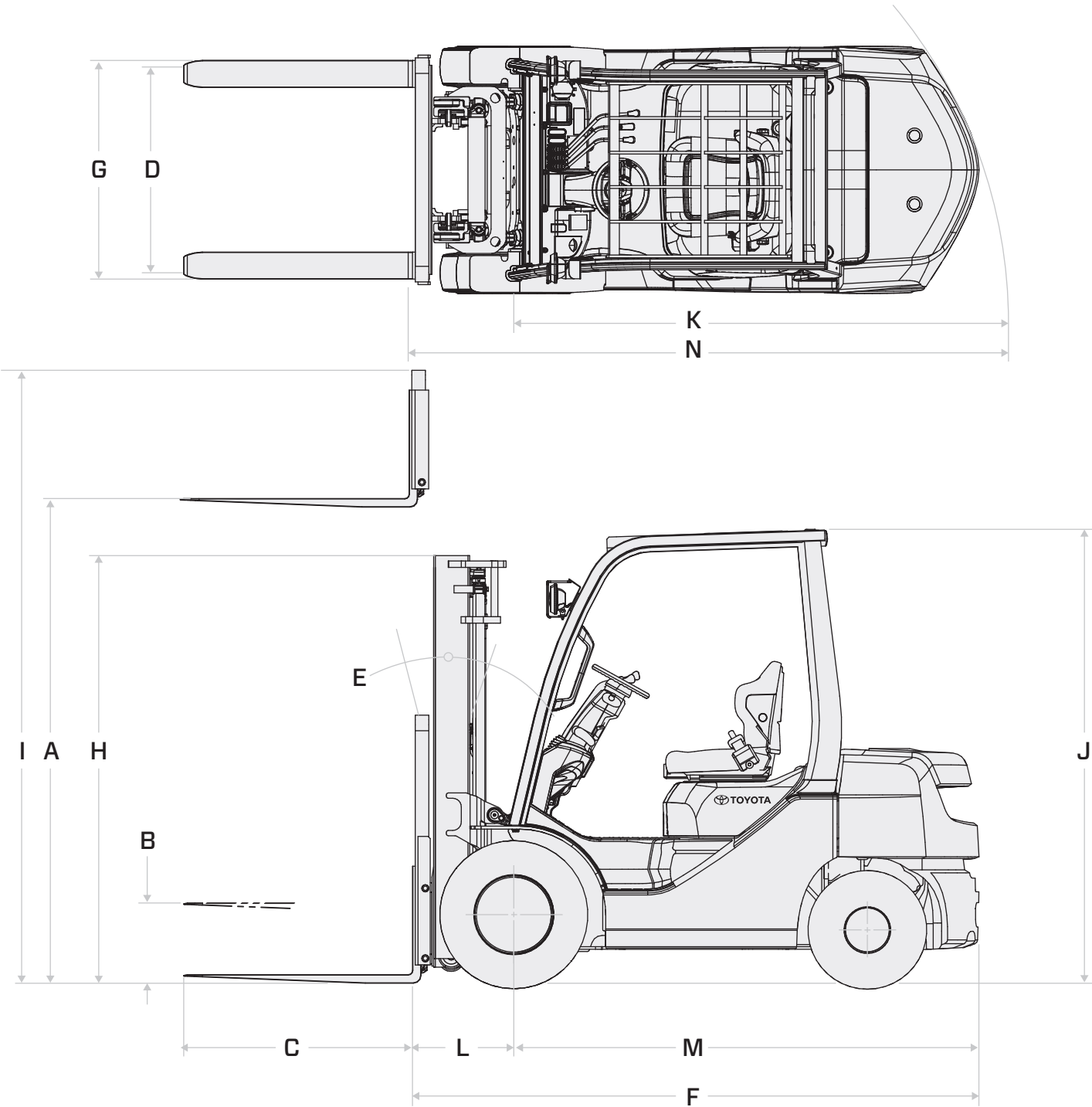
2 Basic right-angle stacking aisle width, add load length & clearance.

3 Computed values. Performance of LPG fuel system may be less than that of standard model shown.

4 Values taken at Hydraulic Control Valve. Does not take in to consideration losses through mast plumbing (hosing, fittings, QDs, etc.).

5 LPG-only units.

EXTERIOR DIMENSIONS



MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹			FWD	BWD	NARROW TREAD	WIDE TREAD
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGU15 / 40-8FGU15										
Wide Visible (V)	80 (2035)	58.9 (1495)	104.1 (2645)	128.1 (3255)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
	119 (3035)	78.5 (1995)	143.5 (3645)	167.5 (4255)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
	131 (3335)	84.5 (2145)	155.3 (3945)	179.3 (4555)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
	139 (3535)	88.4 (2245)	163.2 (4145)	187.2 (4755)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
	147 (3735)	94.7 (2405)	171.1 (4345)	195.1 (4955)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
	158.5 (4035)	102.2 (2595)	182.9 (4645)	206.9 (5255)	5.7 (145)	5.7 (145)	6	11	3000 (1350)	3000 (1350)
Full Free-Lift 2-Stage (FV)	119 (3035)	78.5 (1995)	141.9 (3605)	167.5 (4255)	56.1 (1430)	30.5 (775)	6	11	3000 (1350)	3000 (1350)
	131 (3335)	84.5 (2145)	153.7 (3905)	179.3 (4555)	62 (1580)	36.4 (925)	6	11	3000 (1350)	3000 (1350)
	139 (3535)	88.4 (2245)	161.6 (4105)	187.2 (4755)	65.9 (1680)	40.4 (1025)	6	11	3000 (1350)	3000 (1350)
Full Free-Lift 3-Stage (FSV)	158.5 (4035)	74.6 (1895)	180.1 (4575)	206.9 (5255)	53.3 (1360)	25.0 (635)	6	6	2850 (1300)	2850 (1300)
	170.5 (4335)	78.5 (1995)	191.9 (4875)	218.7 (5555)	57.3 (1460)	28.9 (735)	6	6	2800 (1250)	2850 (1300)
	189 (4800)	84.4 (2145)	209.6 (5325)	236.6 (6010)	63.2 (1610)	34.8 (885)	6	6	2750 (1250)	2800 (1250)
	198 (5035)	88.4 (2245)	219.5 (5575)	246.3 (6255)	67.1 (1710)	38.8 (985)	6	6	2650 (1200)	2750 (1250)
	217.5 (5535)	94.7 (2405)	239.2 (6075)	265.9 (6755)	73.4 (1870)	45.1 (1145)	6	6	2050 (950)	2200 (1000)
	237.5 (6035)	102.2 (2595)	258.9 (6575)	285.6 (7255)	80.9 (2060)	52.6 (1335)	6	6	1500 (700)	1650 (750)

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	TILT RANGE		LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER	
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹			FWD	BWD	NARROW TREAD	WIDE TREAD
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	deg	lb (kg)	lb (kg)
50-8FGU18 / 40-8FGU18										
Wide Visible (V)	80 (2035)	58.9 (1495)	104.1 (2645)	128.1 (3255)	5.7 (145)	5.7 (145)	6	11	3500 (1600)	3500 (1600)
	119 (3035)	78.5 (1995)	143.5 (3645)	167.5 (4255)	5.7 (145)	5.7 (145)	6	11	3500 (1600)	3500 (1600)
	131 (3335)	84.5 (2145)	155.3 (3945)	179.3 (4555)	5.7 (145)	5.7 (145)	6	11	3500 (1600)	3500 (1600)
	139 (3535)	88.4 (2245)	163.2 (4145)	187.2 (4755)	5.7 (145)	5.7 (145)	6	11	3500 (1600)	3500 (1600)
	147 (3735)	94.7 (2405)	171.1 (4345)	195.1 (4955)	5.7 (145)	5.7 (145)	6	11	3500 (1600)	3500 (1600)
Full Free-Lift 2-Stage (FV)	158.5 (4035)	102.2 (2595)	182.9 (4645)	206.9 (5255)	5.7 (145)	5.7 (145)	6	11	3400 (1550)	3500 (1600)
	119 (3035)	78.5 (1995)	141.9 (3605)	167.5 (4255)	56.1 (1430)	30.5 (775)	6	11	3500 (1600)	3500 (1600)
	131 (3335)	84.5 (2145)	153.7 (3905)	179.3 (4555)	62 (1580)	36.4 (925)	6	11	3500 (1600)	3500 (1600)
	139 (3535)	88.4 (2245)	161.6 (4105)	187.2 (4755)	65.9 (1680)	40.4 (1025)	6	11	3500 (1600)	3500 (1600)
Full Free-Lift 3-Stage (FSV)	158.5 (4035)	74.6 (1895)	180.1 (4575)	206.9 (5255)	53.3 (1360)	25.0 (635)	6	6	3200 (1450)	3200 (1450)
	170.5 (4335)	78.5 (1995)	191.9 (4875)	218.7 (5555)	57.3 (1460)	28.9 (735)	6	6	3150 (1400)	3200 (1450)
	189 (4800)	84.4 (2145)	209.6 (5325)	236.6 (6010)	63.2 (1610)	34.8 (885)	6	6	2900 (1300)	3050 (1400)
	198 (5035)	88.4 (2245)	219.5 (5575)	246.3 (6255)	67.1 (1710)	38.8 (985)	6	6	2550 (1150)	3000 (1350)
	217.5 (5535)	94.7 (2405)	239.2 (6075)	265.9 (6755)	73.4 (1870)	45.1 (1145)	6	6	1850 (850)	2400 (1100)
	237.5 (6035)	102.2 (2595)	258.9 (6575)	285.6 (7255)	80.9 (2060)	52.6 (1335)	6	6	1300 (600)	1750 (800)

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

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			DUAL TIRE	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹	TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER		TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹				FWD / BWD	NARROW TREAD		
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	lb (kg)	lb (kg)	deg	lb (kg)
50-8FGU20 / 40-8FGU20											
Wide Visible (V)	80 (2040)	58.9 (1495)	104.7 (2660)	128.3 (3260)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	119.5 (3040)	78.5 (1995)	144.1 (3660)	167.7 (4260)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	131.5 (3340)	84.5 (2145)	155.9 (3960)	179.5 (4560)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	139 (3540)	88.4 (2245)	163.8 (4160)	187.4 (4760)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	147 (3740)	94.7 (2405)	171.7 (4360)	195.3 (4960)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	159 (4040)	102.2 (2595)	183.5 (4660)	207.1 (5260)	6.1 (155)	6.1 (155)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	78.5 (1995)	143.5 (3645)	167.7 (4260)	55.1 (1400)	30.5 (775)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	131.5 (3340)	84.5 (2145)	151.4 (3845)	179.5 (4560)	61 (1550)	36.4 (925)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
	139 (3540)	88.4 (2245)	163.2 (4145)	187.4 (4760)	65 (1650)	40.4 (1025)	6 / 11	4000 (1800)	4000 (1800)	6 / 11	4000 (1800)
Full Free-Lift 3-Stage (FSV)	159 (4040)	74.6 (1895)	181.5 (4610)	206.7 (5250)	52.4 (1330)	26.6 (675)	6 / 6	4000 (1800)	4000 (1800)	6 / 6	4000 (1800)
	170.5 (4340)	78.5 (1995)	193.3 (4910)	218.5 (5550)	56.3 (1430)	30.5 (775)	6 / 6	4000 (1800)	4000 (1800)	6 / 6	4000 (1800)
	189 (4800)	84.5 (2145)	211.4 (5370)	236.6 (6010)	62.2 (1580)	36.4 (915)	6 / 6	3900 (1750)	4000 (1800)	6 / 6	4000 (1800)
	198 (5040)	88.4 (2245)	220.9 (5610)	246.1 (6250)	66.1 (1680)	40.4 (1015)	6 / 6	3550 (1600)	4000 (1800)	6 / 6	4000 (1800)
	218 (5540)	94.7 (2405)	240.6 (6110)	265.7 (6750)	72.4 (1840)	46.7 (1185)	6 / 6	2800 (1250)	3500 (1600)	6 / 6	3750 (1700)
	237.5 (6040)	102.2 (2595)	260.2 (6610)	285.4 (7250)	79.9 (2030)	54.2 (1375)	6 / 6	2000 (900)	2550 (1150)	6 / 6	3300 (1500)
	257.5 (6540)	112 (2845)	279.9 (7110)	305.1 (7750)	89.8 (2280)	64 (1625)	—	—	—	6 / 6	3200 (1450)
	277 (7040)	121.9 (3095)	299.6 (7610)	324.8 (8250)	99.6 (2530)	73.9 (1875)	—	—	—	6 / 6	2600 (1200)
Full Free-Lift 4-Stage (QFV)	240 (6100)	84.8 (2155)	263.4 (6690)	289.4 (7350)	61 (1550)	35 (895)	6 / 3	—	—	6 / 3	—
	258 (6600)	90.7 (2305)	281.5 (7150)	307.5 (7810)	67 (1700)	41 (1045)	6 / 3	—	2600 (1170)	6 / 3	—

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			DUAL TIRE	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹	TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER		TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST ¹				FWD / BWD	NARROW TREAD		
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	lb (kg)	lb (kg)	deg	lb (kg)
50-8FGU25 / 40-8FGU25											
Wide Visible (V)	80 (2040)	58.9 (1495)	104.7 (2660)	128.3 (3260)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	119.5 (3040)	78.5 (1995)	144.1 (3660)	167.7 (4260)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	131.5 (3340)	84.5 (2145)	155.9 (3960)	179.5 (4560)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	139 (3540)	88.4 (2245)	163.8 (4160)	187.4 (4760)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	147 (3740)	94.7 (2405)	171.7 (4360)	195.3 (4960)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	159 (4040)	102.2 (2595)	183.5 (4660)	207.1 (5260)	6.1 (155)	6.1 (155)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
Full Free-Lift 2-Stage (FV)	119.5 (3040)	78.5 (1995)	143.5 (3645)	167.7 (4260)	55.1 (1400)	30.5 (775)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	131.5 (3340)	84.5 (2145)	151.4 (3845)	179.5 (4560)	61 (1550)	36.4 (925)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
	139 (3540)	88.4 (2245)	163.2 (4145)	187.4 (4760)	65 (1650)	40.4 (1025)	6 / 11	5000 (2250)	5000 (2250)	6 / 11	5000 (2250)
Full Free-Lift 3-Stage (FSV)	159 (4040)	74.6 (1895)	181.5 (4610)	206.7 (5250)	52.4 (1330)	26.6 (675)	6 / 6	5000 (2250)	5000 (2250)	6 / 6	5000 (2250)
	170.5 (4340)	78.5 (1995)	193.3 (4910)	218.5 (5550)	56.3 (1430)	30.5 (775)	6 / 6	5000 (2250)	5000 (2250)	6 / 6	5000 (2250)
	189 (4800)	84.5 (2145)	211.4 (5370)	236.6 (6010)	62.2 (1580)	36.4 (915)	6 / 6	3950 (1800)	4850 (2200)	6 / 6	4950 (2250)
	198 (5040)	88.4 (2245)	220.9 (5610)	246.1 (6250)	66.1 (1680)	40.4 (1015)	6 / 6	3550 (1600)	4500 (2050)	6 / 6	4850 (2200)
	218 (5540)	94.7 (2405)	240.6 (6110)	265.7 (6750)	72.4 (1840)	46.7 (1185)	6 / 6	2850 (1300)	3850 (1750)	6 / 6	4500 (2050)
	237.5 (6040)	102.2 (2595)	260.2 (6610)	285.4 (7250)	79.9 (2030)	54.2 (1375)	6 / 6	2000 (900)	2550 (1150)	6 / 6	3500 (1600)
	257.5 (6540)	112 (2845)	279.9 (7110)	305.1 (7750)	89.8 (2280)	64 (1625)	—	—	—	6 / 6	3200 (1450)
	277 (7040)	121.9 (3095)	299.6 (7610)	324.8 (8250)	99.6 (2530)	73.9 (1875)	—	—	—	6 / 6	2500 (1150)
Full Free-Lift 4-Stage (QFV)	240 (6100)	84.8 (2155)	263.4 (6690)	289.4 (7350)	61 (1550)	35 (895)	6 / 3	—	3800 (1720)	6 / 3	—
	258 (6600)	90.7 (2305)	281.5 (7150)	307.5 (7810)	67 (1700)	41 (1045)	6 / 3	—	—	6 / 3	—

¹ Height of standard load backrest is 48" (1220 mm).
Wide tread standard for all models with a 189" & higher FSV mast. Wide tread deduct option (GDOF) will configure back to narrow tread.
High-lift SAS active mast functions not available on 80V mast.
Must have Dual Drive Tires (F00C) at extra cost for 258 FSV, 277 FSV.
Please contact your local, authorized Toyota Dealer for a complete list of available options.

MAST SPECIFICATIONS

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			DUAL TIRE	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹	TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER		TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹				FWD / BWD	NARROW TREAD		
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	lb (kg)	lb (kg)	deg	lb (kg)
50-8FGU30 / 40-8FGU30											
Wide Visible (V)	80.5 (2045)	59.6 (1515)	108.3 (2750)	128.5 (3265)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	119.5 (3045)	79.3 (2015)	147.6 (3750)	167.9 (4265)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	131.5 (3345)	85 (2165)	159.4 (4050)	179.7 (4565)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	139.5 (3545)	89.2 (2265)	167.3 (4250)	187.6 (4765)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	147 (3745)	95.5 (2425)	175.2 (4450)	195.5 (4965)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	159 (4045)	103 (2615)	187 (4750)	207.3 (5265)	5.3 (135)	5.3 (135)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
Full Free-Lift 2-Stage (FV)	119.5 (3045)	79.3 (2015)	144.1 (3660)	167.9 (4265)	55.1 (1400)	31.3 (795)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	131.5 (3345)	85.0 (2165)	155.9 (3960)	179.7 (4565)	61 (1550)	37.2 (945)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
	139.5 (3545)	89.2 (2265)	163.8 (4160)	187.6 (4765)	65 (1650)	41.2 (1045)	6 / 11	6000 (2700)	6000 (2700)	6 / 11	6000 (2700)
Full Free-Lift 3-Stage (FSV)	159 (4045)	79.3 (2015)	183.5 (4660)	207.3 (5265)	55.1 (1400)	31.3 (795)	6 / 6	6000 (2750)	6000 (2750)	6 / 6	6000 (2750)
	171 (4345)	85.2 (2165)	195.3 (4960)	219.1 (5565)	61 (1550)	37.2 (945)	6 / 6	6000 (2750)	6000 (2750)	6 / 6	6000 (2750)
	187 (4750)	89.2 (2265)	211.0 (5360)	235 (5970)	65 (1650)	41.2 (1045)	6 / 6	6000 (2750)	6000 (2750)	6 / 6	6000 (2750)
	198.5 (5045)	95.5 (2425)	222.8 (5660)	246.7 (6265)	71.3 (1810)	47.5 (1205)	6 / 6	5600 (2550)	5800 (2650)	6 / 6	6000 (2700)
	218 (5545)	103 (2615)	242.5 (6160)	266.3 (6765)	78.7 (2000)	55 (1395)	6 / 6	4200 (1900)	5300 (2400)	6 / 6	5600 (2550)
	237.5 (6045)	112.8 (2865)	262.2 (6660)	286 (7265)	88.6 (2250)	64.8 (1645)	6 / 6	3100 (1400)	3500 (1600)	6 / 6	4300 (1950)
	257.5 (6545)	122.6 (3115)	281.9 (7160)	305.7 (7765)	98.4 (2500)	74.6 (1895)	—	—	—	6 / 6	3500 (1600)
	277 (7045)	132.5 (3365)	301.6 (7660)	325.4 (8265)	108.3 (2750)	84.5 (2145)	—	—	—	6 / 6	2600 (1200)
Full Free-Lift 4-Stage (QFV)	240 (6100)	84.8 (2155)	263.4 (6690)	289.4 (7350)	61 (1550)	35 (895)	6 / 3	—	4900 (2220)	6 / 3	—
	258 (6600)	90.7 (2305)	281.5 (7150)	307.5 (7810)	67 (1700)	41 (1045)	6 / 3	—	—	6 / 3	—

MAST TYPE	MAXIMUM FORK HEIGHT (TOP OF FORKS)	OVERALL HEIGHT			FREE-LIFT		SINGLE TIRE			DUAL TIRE	
		LOWERED	EXTENDED		WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹	TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER		TILT RANGE	LOAD CAPACITY AT 24 IN. (610 MM) LOAD CENTER
			WITHOUT LOAD BACKREST	WITH STANDARD LOAD BACKREST¹				FWD / BWD	NARROW TREAD		
	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	deg	lb (kg)	lb (kg)	deg	lb (kg)
50-8FGU32 / 40-8FGU32											
Wide Visible (V)	80.5 (2045)	59.6 (1515)	108.3 (2750)	128.5 (3265)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	119.5 (3045)	79.3 (2015)	147.6 (3750)	167.9 (4265)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	131.5 (3345)	85 (2165)	159.4 (4050)	179.7 (4565)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	139.5 (3545)	89.2 (2265)	167.3 (4250)	187.6 (4765)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	147 (3745)	95.5 (2425)	175.2 (4450)	195.5 (4965)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	159 (4045)	103 (2615)	187 (4750)	207.3 (5265)	5.3 (135)	5.3 (135)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
Full Free-Lift 2-Stage (FV)	119.5 (3045)	79.3 (2015)	149.2 (3790)	167.9 (4265)	50 (1270)	31.3 (795)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	131.5 (3345)	85.0 (2165)	161.0 (4090)	179.7 (4565)	55.9 (1420)	37.2 (945)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
	139.5 (3545)	89.2 (2265)	168.3 (4290)	187.6 (4765)	59.8 (1520)	41.2 (1045)	6 / 11	6500 (3000)	6500 (3000)	6 / 11	6500 (3000)
Full Free-Lift 3-Stage (FSV)	159 (4045)	79.3 (2015)	188.6 (4790)	207.3 (5265)	50 (1270)	31.3 (795)	6 / 6	6500 (3000)	6500 (3000)	6 / 6	6500 (3000)
	171 (4345)	85.2 (2165)	200.4 (5090)	219.1 (5565)	55.9 (1420)	37.2 (945)	6 / 6	6500 (3000)	6500 (3000)	6 / 6	6500 (3000)
	187 (4750)	89.2 (2265)	216.1 (5490)	235 (5970)	59.8 (1520)	41.2 (1045)	6 / 6	6500 (3000)	6500 (3000)	6 / 6	6500 (3000)
	198.5 (5045)	95.5 (2425)	228.0 (5790)	246.7 (6265)	66.1 (1680)	47.5 (1205)	6 / 6	5750 (2600)	6400 (2900)	6 / 6	6500 (2950)
	218 (5545)	103 (2615)	247.6 (6290)	266.3 (6765)	73.6 (1870)	55 (1395)	6 / 6	4200 (1900)	5500 (2500)	6 / 6	5800 (2650)
	237.5 (6045)	112.8 (2865)	267.3 (6790)	286 (7265)	83.5 (2120)	64.8 (1645)	6 / 6	3300 (1500)	4000 (1800)	6 / 6	4500 (2050)
	257.5 (6545)	122.6 (3115)	287.0 (7290)	305.7 (7765)	93.3 (2370)	74.6 (1895)	—	—	—	6 / 6	3500 (1600)
	277 (7045)	132.5 (3365)	306.7 (7790)	325.4 (8265)	103.1 (2620)	84.5 (2145)	—	—	—	6 / 6	2300 (1050)
Full Free-Lift 4-Stage (QFV)	240 (6100)	84.8 (2155)	263.4 (6690)	289.4 (7350)	61 (1550)	35 (895)	6 / 3	—	3800 (1720)	6 / 3	—
	258 (6600)	90.7 (2305)	281.5 (7150)	307.5 (7810)	67 (1700)	40 (1010)	6 / 3	—	3200 (1450)	6 / 3	—

1 Height of standard load backrest is 48" (1220 mm).
High-lift SAS active mast functions not available on 80V mast.
Must have Dual Drive Tires (FOOC) at extra cost for 258 FSV, 277 FSV.
Please contact your local, authorized Toyota Dealer for a complete list of available options.





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