

# CORE IC PNEUMATIC



3000 - 6500 LBS.

SPECIFICATIONS



50-8FGU15-32 | 8FDU15-32  
40-8FGU15-32

CLASS  
5

INTERNAL COMBUSTION ENGINE PNEUMATIC TIRE

[ToyotaForklift.com](http://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" engine<sup>1</sup>
  - Toyota 4Y-US 136 cu. in., 4-cylinder engine
  - OHV EPA/CARB certified LP engine
  - 3-way catalytic muffler system
- Dual fuel engine<sup>1</sup>
  - Kubota WG2503 4-cylinder engine
  - OHV EPA/CARB certified engine – G/LP
  - Single type muffler/ 3-way catalyst
- Distributor less ignition (DLI)
- Alternator with built-in regulator
- Automatic transmission with oil cooler
- Full-floating powertrain

- Electric shift control
- UL "D" diesel engine
  - Toyota 1ZS Toyota Direct injection 4-stroke common rail diesel engine
  - EPA/CARB TIER 4 Final certified diesel engine with exhaust gas recirculation & diesel oxidation catalyst
- LCD multi-function display – includes:
  - Data log, fuel, and operation information with QR code output
  - Master warning, wheel, direction, and mast tilt indicators

- 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

### 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

- Dash-integrated amenity tray
- 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

<sup>1</sup> - 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™
- 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 "DS" and "LPS" models available
- Fuel system configurations with swing-out tank bracket & one-touch latch system
  - UL-LP
  - UL-LPS
- 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                                                   |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| Load Capacity                                                  |                                              | lb (kg)               |              | 3000 (1350)                    | 3000 (1350)                    | 3500 (1600)                    | 3500 (1600)                    |
| Power Type                                                     |                                              | LP                    |              | Diesel                         | Diesel                         | LP                             | Diesel                         |
| Operator Position                                              |                                              | Seated Rider          |              | 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                                            |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| 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)          | 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                                               |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| Speeds                                                         | Maximum Travel (forward / reverse)           | Full Load             | mph (km/h)   | 11.5 (18.5) / 11.5 (18.5)      | 11.8 (19.0) / 11.8 (19.0)      | 11.5 (18.5) / 11.5 (18.5)      | 11.8 (19.0) / 11.8 (19.0)      |
|                                                                |                                              | No Load               | mph (km/h)   | 11.8 (19.0) / 11.8 (19.0)      | 12.1 (19.5) / 12.1 (19.5)      | 11.8 (19.0) / 11.8 (19.0)      | 12.1 (19.5) / 12.1 (19.5)      |
|                                                                | Lifting                                      | Full Load             | fpm (mm/sec) | 131 (665)                      | 128 (650)                      | 131 (665)                      | 128 (650)                      |
|                                                                |                                              | No Load               | fpm (mm/sec) | 134 (680)                      | 133 (675)                      | 134 (680)                      | 133 (675)                      |
|                                                                | 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)      | 4170 (1890)                    | 4040 (1830)                    | 4170 (1890)                    | 3930 (1780)                    |
|                                                                |                                              | No Load               | lb (kg)      | 1550 (700)                     | 1570 (710)                     | 1300 (590)                     | 1300 (590)                     |
| Gradeability                                                   | 1 mph (1.5 km/h)³                            | Full Load             | %            | 43                             | 45                             | 38                             | 40                             |
|                                                                |                                              | Full Load             | %            | 45                             | 45                             | 45                             | 45                             |
|                                                                | Maximum³                                     | No Load               | %            | 22                             | 22                             | 20                             | 10                             |
| TRUCK WEIGHTS                                                  |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| Total Weight                                                   |                                              | lb (kg)               |              | 5500 (2500)                    | 5630 (2570)                    | 5920 (2690)                    | 6060 (2750)                    |
| Weight Distribution                                            | Full Load (front / rear)                     | lb (kg)               |              | 7560 (3560) / 940 (440)        | 7610 (3590) / 1020 (480)       | 8400 (3960) / 1020 (480)       | 8460 (3990) / 1100 (510)       |
|                                                                | No Load (front / rear)                       | lb (kg)               |              | 2500 (1140) / 3000 (1360)      | 2560 (1170) / 3070 (1400)      | 2500 (1140) / 3420 (1550)      | 2560 (1170) / 3500 (1580)      |
| TIRES                                                          |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| 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                                                   |                                              |                       |              | 50-8FGU15                      | 8FDU15                         | 50-8FGU18                      | 8FDU18                         |
| Battery (5-hour rating)                                        |                                              | V / Ah                |              | 12/35                          | 12/52                          | 12 / 35                        | 12/52                          |
| Internal Combustion Engine                                     | Make / Model                                 |                       |              | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   |
|                                                                | Rated Horsepower @ rpm                       | SAE HP                |              | 51 @ 2570 Net                  | 53 @ 2200 Net                  | 51 @ 2570 Net                  | 53 @ 2200 Net                  |
|                                                                |                                              | (kW)                  |              | (38 @ 2570)                    | (40 @ 2200)                    | (38 @ 2570)                    | (40 @ 2200)                    |
|                                                                | Rated Torque @ rpm                           | SAE ft-lb             |              | 112 @1800 Net                  | 128 @ 1800 Net                 | 112 @1800 Net                  | 128 @ 1800 Net                 |
|                                                                |                                              | (N-m)                 |              | (152 @1800)                    | (174 @ 1800)                   | (152 @1800)                    | (174 @ 1800)                   |
|                                                                | Number of Cylinders                          |                       |              | 4                              | 3                              | 4                              | 3                              |
| Piston Displacement                                            |                                              | cu in (cc)            | 136 (2237)   | 110 (1795)                     | 136 (2237)                     | 110 (1795)                     |                                |
| Fuel Tank Capacity                                             |                                              | US gal (liter)        | 12 (45)      | 12 (45)                        | 12 (45)                        | 12 (45)                        |                                |
| 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          | 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                                                   |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
|----------------------------------------------------------------|----------------------------------------------|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Load Capacity                                                  |                                              | lb (kg)               |              | 4000 (1800)                    | 4000 (1800)                    | 5000 (2250)                    | 5000 (2250)                    |
| Power Type                                                     |                                              | LP                    |              | LP                             | Diesel                         | LP                             | Diesel                         |
| Operator Position                                              |                                              | Seated Rider          |              | 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                                            |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
| 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 Distance¹                               | 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 Width²      | in (mm)               |              | 103.2 (2620)                   | 103.2 (2620)                   | 105.9 (2690)                   | 105.9 (2690)                   |
| PERFORMANCE DATA                                               |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
| Speeds                                                         | Maximum Travel (forward / reverse)           | Full Load             | mph (km/h)   | 10.9 (17.5) / 10.9 (17.5)      | 10.3 (16.5) / 10.3 (16.5)      | 10.9 (17.5) / 10.9 (17.5)      | 10.3 (16.5) / 10.3 (16.5)      |
|                                                                |                                              | No Load               | mph (km/h)   | 11.2 (18.0) / 11.2 (18.0)      | 10.7 (17.0) / 10.7 (17.0)      | 11.2 (18.0) / 11.2 (18.0)      | 10.7 (17.0) / 10.7 (17.0)      |
|                                                                | Lifting                                      | Full Load             | fpm (mm/sec) | 118 (600)                      | 121 (615)                      | 118 (600)                      | 121 (615)                      |
|                                                                |                                              | No Load               | fpm (mm/sec) | 126 (640)                      | 129 (655)                      | 126 (640)                      | 129 (655)                      |
|                                                                | 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)      | 4250 (1928)                    | 4475 (2030)                    | 4250 (1928)                    | 4475 (2030)                    |
|                                                                |                                              | No Load               | lb (kg)      | 2020 (915)                     | 2040 (930)                     | 1910 (870)                     | 1930 (880)                     |
| Gradeability                                                   | 1 mph (1.5 km/h)³                            | Full Load             | %            | 33                             | 35                             | 28                             | 30                             |
|                                                                |                                              | Full Load             | %            | 39                             | 42                             | 33                             | 35                             |
|                                                                | Maximum³                                     | No Load               | %            | 23                             | 23                             | 20                             | 20                             |
| TRUCK WEIGHTS                                                  |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
| Total Weight                                                   |                                              | lb (kg)               |              | 7080 (3210)                    | 7230 (3290)                    | 7840 (3560)                    | 7990 (3630)                    |
| Weight Distribution                                            | Full Load (front / rear)                     | lb (kg)               |              | 9750 (4600) / 1330 (610)       | 9810 (4630) / 1420 (660)       | 11260 (5330) / 1580 (730)      | 11320 (5350) / 1670 (780)      |
|                                                                | No Load (front / rear)                       | lb (kg)               |              | 3130 (1420) / 3950 (1790)      | 3180 (1450) / 4050 (1840)      | 2980 (1350) / 4860 (2210)      | 3040 (1380) / 4950 (2250)      |
| TIRES                                                          |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
| 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                                                   |                                              |                       |              | 50-8FGU20                      | 8FDU20                         | 50-8FGU25                      | 8FDU25                         |
| Battery (5-hour rating)                                        |                                              | V / Ah                |              | 12 / 35                        | 12 / 52                        | 12 / 35                        | 12 / 52                        |
| Internal Combustion Engine                                     | Make / Model                                 |                       |              | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   |
|                                                                | Rated Horsepower @ rpm                       | SAE HP                |              | 51 @ 2570 Net                  | 55 @ 2200 Net                  | 51 @ 2570 Net                  | 55 @ 2200 Net                  |
|                                                                |                                              | (kW)                  |              | (38 @ 2570)                    | (41 @ 2200)                    | (38 @ 2570)                    | (41 @ 2200)                    |
|                                                                | Rated Torque @ rpm                           | SAE ft-lb             |              | 112 @ 1800 Net                 | 148 @ 1600 Net                 | 112 @ 1800 Net                 | 148 @ 1600 Net                 |
|                                                                |                                              | (N-m)                 |              | (152 @ 1800)                   | (200 @ 1600)                   | (152 @ 1800)                   | (200 @ 1600)                   |
|                                                                | Number of Cylinders                          |                       |              | 4                              | 3                              | 4                              | 3                              |
|                                                                | Piston Displacement                          |                       | cu in (cc)   |                                | 136 (2237)                     | 110 (1795)                     | 136 (2237)                     |
| 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)                     | 2275 (160)                     |
|                                                                | Max. Flow Rate                               |                       | gpm          | 20                             | 19                             | 20                             | 19                             |

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.).

TRUCK SPECIFICATIONS

|                                                                |                                              |                       |              | MODEL NUMBERS                  |                                |                                |                                |
|----------------------------------------------------------------|----------------------------------------------|-----------------------|--------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| GENERAL DATA                                                   |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| Load Capacity                                                  |                                              | lb (kg)               |              | 6000 (2700)                    | 6000 (2700)                    | 6500 (3000)                    | 6500 (3000)                    |
| Power Type                                                     |                                              | LP                    |              | Diesel                         | Diesel                         | LP                             | Diesel                         |
| Operator Position                                              |                                              | Seated Rider          |              | 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                                            |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| <b>A</b>                                                       | Maximum Fork Height (top of forks)           | in (mm)               |              | 131.5 (3345)                   | 131.5 (3345)                   | 131.5 (3345)                   | 131.5 (3345)                   |
| <b>B</b>                                                       | Free-Lift (top of forks)                     | in (mm)               |              | 5.3 (135)                      | 5.3 (135)                      | 5.3 (135)                      | 5.3 (135)                      |
| <b>C</b>                                                       | 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) |
| <b>D</b>                                                       | 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)           |
| <b>E</b>                                                       | Tilt Range (forward / backward)              | deg                   |              | 6 / 11                         | 6 / 11                         | 6 / 11                         | 6 / 11                         |
| <b>F</b>                                                       | Length to Fork Face                          | in (mm)               |              | 109.4 (2780)                   | 109.4 (2780)                   | 110.2 (2800)                   | 110.2 (2800)                   |
| <b>G</b>                                                       | Overall Width                                | in (mm)               |              | 48.8 (1240)                    | 48.8 (1240)                    | 48.8 (1240)                    | 48.8 (1240)                    |
| <b>H</b>                                                       | Mast Lowered Height                          | in (mm)               |              | 85.3 (2165)                    | 85.3 (2165)                    | 85.3 (2165)                    | 85.3 (2165)                    |
| <b>I</b>                                                       | Mast Extended Height (top of load backrest)  | in (mm)               |              | 179.7 (4565)                   | 179.7 (4565)                   | 179.7 (4565)                   | 179.7 (4565)                   |
| <b>J</b>                                                       | Overhead Guard Height                        | in (mm)               |              | 85.5 (2170)                    | 85.5 (2170)                    | 85.5 (2170)                    | 85.5 (2170)                    |
| <b>K</b>                                                       | Turning Radius (inside / outside)            | in (mm)               |              | 7.48 (190) / 92.5 (2350)       | 7.48 (190) / 92.5 (2350)       | 93.3 (2370)                    | 93.3 (2370)                    |
| <b>L</b>                                                       | Load Distance¹                               | in (mm)               |              | 19.1 (485)                     | 19.1 (485)                     | 19.1 (485)                     | 19.1 (485)                     |
| <b>M</b>                                                       | Rear Overhang                                | in (mm)               |              | 23 (595)                       | 23 (595)                       | 24 (615)                       | 24 (615)                       |
| <b>N</b>                                                       | Basic Right-Angle Stacking Aisle Width²      | in (mm)               |              | 111.6 (2835)                   | 111.6 (2835)                   | 112.4 (2855)                   | 112.4 (2855)                   |
| PERFORMANCE DATA                                               |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| Speeds                                                         | Maximum Travel (forward / reverse)           | Full Load             | mph (km/h)   | 11.2 (18.0) / 11.2 (18.0)      | 10.3 (16.5) / 10.3 (16.5)      | 11.2 (18.0) / 11.2 (18.0)      | 10.3 (16.5) / 10.3 (16.5)      |
|                                                                |                                              | No Load               | mph (km/h)   | 11.5 (18.5) / 11.5 (18.5)      | 10.7 (17.0) / 10.7 (17.0)      | 11.5 (18.5) / 11.5 (18.5)      | 10.7 (17.0) / 10.7 (17.0)      |
|                                                                | Lifting                                      | Full Load             | fpm (mm/sec) | 100 (510)                      | 98 (500)                       | 100 (510)                      | 98 (500)                       |
|                                                                |                                              | No Load               | fpm (mm/sec) | 108 (550)                      | 104 (530)                      | 108 (550)                      | 104 (530)                      |
|                                                                | 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)      | 4040 (1830)                    | 4475 (2030)                    | 4040 (1830)                    | 4475 (2030)                    |
|                                                                |                                              | No Load               | lb (kg)      | 2310 (1050)                    | 2340 (1060)                    | 2310 (1050)                    | 2340 (1060)                    |
| Gradeability                                                   | 1 mph (1.5 km/h)³                            | Full Load             | %            | 22                             | 26                             | 21                             | 25                             |
|                                                                |                                              | Full Load             | %            | 25                             | 30                             | 24                             | 29                             |
|                                                                | Maximum³                                     | No Load               | %            | 21                             | 20                             | 21                             | 20                             |
| TRUCK WEIGHTS                                                  |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| Total Weight                                                   |                                              | lb (kg)               |              | 9270 (4210)                    | 9270 (4210)                    | 9500 (4320)                    | 9650 (4390)                    |
| Weight Distribution                                            | Full Load (front / rear)                     | lb (kg)               |              | 13290 (6300) / 1980 (910)      | 13290 (6300) / 1980 (910)      | 14050 (6670) / 1950 (900)      | 14110 (6700) / 2040 (940)      |
|                                                                | No Load (front / rear)                       | lb (kg)               |              | 3430 (1560) / 5840 (2650)      | 3430 (1560) / 5840 (2650)      | 3360 (1530) / 6140 (2790)      | 3420 (1560) / 6230 (2830)      |
| TIRES                                                          |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| 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 9-15-14 PR (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                                                   |                                              |                       |              | 50-8FGU30                      | 8FDU30                         | 50-8FGU32                      | 8FDU32                         |
| Battery (5-hour rating)                                        |                                              | V / Ah                |              | 12 / 35                        | 12 / 52                        | 12 / 35                        | 12 / 52                        |
| Internal Combustion Engine                                     | Make / Model                                 |                       |              | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   | TOYOTA / 4Y - US               | TOYOTA / 1ZS                   |
|                                                                | Rated Horsepower @ rpm                       | SAE HP                |              | 51 @ 2570 Net                  | 55 @ 2200 Net                  | 51 @ 2570 Net                  | 55 @ 2200 Net                  |
|                                                                |                                              | (kW)                  |              | (38 @ 2570)                    | (41 @ 2200)                    | (38 @ 2570)                    | (41 @ 2200)                    |
|                                                                | Rated Torque @ rpm                           | SAE ft-lb             |              | 112 @ 1800 Net                 | 148 @ 1600 Net                 | 112 @ 1800 Net                 | 148 @ 1600 Net                 |
|                                                                |                                              | (N-m)                 |              | (152 @ 1800)                   | (200 @ 1600)                   | (152 @ 1800)                   | (200 @ 1600)                   |
|                                                                | Number of Cylinders                          |                       |              | 4                              | 3                              | 4                              | 3                              |
| Piston Displacement                                            |                                              | cu in (cc)            |              | 136 (2237)                     | 110 (1795)                     | 136 (2237)                     | 110 (1795)                     |
| 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                             | 20                             | 21                             | 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.

# MODEL NUMBERS

| GENERAL DATA                                                               |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
|----------------------------------------------------------------------------|-----------------------------------------------------|----------------|--------------------------------|---------------------------|--------------------------------|--------------------------------|-----------|
| Load Capacity                                                              |                                                     | lb (kg)        |                                | 3000 (1350)               | 3500 (1600)                    | 4000 (1800)                    |           |
| Power Type                                                                 |                                                     |                |                                | Gasoline/LP               | Gasoline/LP                    | Gasoline/LP                    |           |
| Operator Position                                                          |                                                     |                |                                | Seated Rider              | Seated Rider                   | Seated Rider                   |           |
| Tire Type                                                                  | Front / Rear                                        |                | Pneumatic / Pneumatic          |                           | Pneumatic / Pneumatic          | Pneumatic / Pneumatic          |           |
| Wheels (x = driven)                                                        | Front / Rear                                        |                | 2x / 2                         |                           | 2x / 2                         | 2x / 2                         |           |
| EXTERIOR DIMENSIONS                                                        |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
| <b>A</b>                                                                   | Maximum Fork Height (top of forks)                  | in (mm)        | 131 (3335)                     |                           | 131 (3335)                     | 131.5 (3340)                   |           |
| <b>B</b>                                                                   | Free-Lift (top of forks)                            | in (mm)        | 5.7 (145)                      |                           | 5.7 (145)                      | 6.1 (155)                      |           |
| <b>C</b>                                                                   | 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) | 1.6 x 5 x 42 (40 x 125 x 1070) |           |
| <b>D</b>                                                                   | Fork Spread Max. / Min. (outer edge to edge)        | in (mm)        | 36 (920) / 8 (200)             |                           | 36 (920) / 8 (200)             | 40 (1020) / 10 (250)           |           |
| <b>E</b>                                                                   | Tilt Range (forward / backward)                     | deg            | 6 / 11                         |                           | 6 / 11                         | 6 / 11                         |           |
| <b>F</b>                                                                   | Length to Fork Face                                 | in (mm)        | 89.6 (2275)                    |                           | 90.7 (2305)                    | 101.4 (2575)                   |           |
| <b>G</b>                                                                   | Overall Width                                       | in (mm)        | 42.1 (1070)                    |                           | 42.1 (1070)                    | 45.3 (1150)                    |           |
| <b>H</b>                                                                   | Mast Lowered Height                                 | in (mm)        | 84.5 (2145)                    |                           | 84.5 (2145)                    | 84.5 (2145)                    |           |
| <b>I</b>                                                                   | Mast Extended Height (top of load backrest)         | in (mm)        | 179.3 (4555)                   |                           | 179.3 (4555)                   | 179.5 (4560)                   |           |
| <b>J</b>                                                                   | Overhead Guard Height                               | in (mm)        | 81.9 (2080)                    |                           | 81.9 (2080)                    | 83.1 (2110)                    |           |
| <b>K</b>                                                                   | Turning Radius (inside / outside)                   | in (mm)        | 1.38 (35) / 76 (1930)          |                           | 1.38 (35) / 78 (1980)          | 5.91 (150) / 84.7 (2150)       |           |
| <b>L</b>                                                                   | Load Distance <sup>1</sup>                          | in (mm)        | 15.9 (405)                     |                           | 15.9 (405)                     | 18.5 (470)                     |           |
| <b>M</b>                                                                   | Rear Overhang                                       | in (mm)        | 15.2 (385)                     |                           | 16.3 (415)                     | 17.9 (455)                     |           |
| <b>N</b>                                                                   | Basic Right-Angle Stacking Aisle Width <sup>2</sup> | in (mm)        | 91.9 (2335)                    |                           | 93.9 (2385)                    | 103.2 (2620)                   |           |
| PERFORMANCE DATA                                                           |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
| Speeds                                                                     | Maximum Travel (forward / reverse)                  | Full Load      | mph (km/h)                     | 11.5 (18.5) / 11.5 (18.5) |                                | 10.9 (17.5) / 10.9 (17.5)      |           |
|                                                                            |                                                     | No Load        | mph (km/h)                     | 11.8 (19.0) / 11.8 (19.0) |                                | 11.2 (18.0) / 11.2 (18.0)      |           |
|                                                                            | Lifting                                             | Full Load      | fpm (mm/sec)                   | 131 (665)                 |                                | 118 (600)                      |           |
|                                                                            |                                                     | No Load        | fpm (mm/sec)                   | 134 (680)                 |                                | 124(630)                       |           |
|                                                                            |                                                     | Lowering       | Full Load                      | fpm (mm/sec)              | 98 (500)                       |                                | 98 (500)  |
|                                                                            |                                                     |                | No Load                        | fpm (mm/sec)              | 108 (550)                      |                                | 98 (500)  |
| Drawbar Pull                                                               | Maximum                                             | Full Load      | lb (kg)                        | 4170 (1890)               |                                | 4250 (1928)                    |           |
|                                                                            |                                                     | No Load        | lb (kg)                        | 1550 (700)                |                                | 2020 (915)                     |           |
| Gradeability                                                               | 1 mph (1.5 km/h) <sup>3</sup>                       | Full Load      | %                              | 43                        |                                | 33                             |           |
|                                                                            |                                                     | Full Load      | %                              | 45                        |                                | 39                             |           |
|                                                                            |                                                     | No Load        | %                              | 22                        |                                | 23                             |           |
| TRUCK WEIGHTS                                                              |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
| Total Weight                                                               |                                                     | lb (kg)        |                                | 5670 (2570)               | 6090 (2760)                    | 7240(3280)                     |           |
| Weight Distribution                                                        | Full Load (front / rear)                            | lb (kg)        |                                | 7620 (3580) / 1050 (490)  | 8460 (3980)/1130 (530)         | 9820(4630) / 1420(650)         |           |
|                                                                            | No Load (front / rear)                              | lb (kg)        |                                | 2560 (1160) / 3110 (1410) | 2560 (1160) / 3530 (1600)      | 3200 (1450) / 4040 (1830)      |           |
| TIRES                                                                      |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
| Tires                                                                      | Number (front / rear)                               |                | 2 / 2                          |                           | 2 / 2                          | 2 / 2                          |           |
|                                                                            | Size                                                | Front          | 6.50-10-10PR (1)               |                           | 6.50-10-10PR (1)               | 7.00-12-12PR (1)               |           |
|                                                                            |                                                     | Rear           | 5.00-8-8PR (1)                 |                           | 5.00-8-8PR (1)                 | 6.00-9-10PR (1)                |           |
| Wheelbase                                                                  |                                                     | in (mm)        |                                | 58.5 (1485)               | 58.5 (1485)                    | 65 (1650)                      |           |
| Tread Width (front / rear)                                                 |                                                     | in (mm)        |                                | 34.8 (885) / 35.2 (895)   | 34.8 (885) / 35.2 (895)        | 37.8 (960) / 38.0 (965)        |           |
| Underclearance (full load)                                                 | Minimum with Load                                   |                | in (mm)                        |                           | 3.9 (100)                      | 3.9 (100)                      | 3.7 (95)  |
|                                                                            | Center of Wheelbase                                 |                | in (mm)                        |                           | 4.5 (115)                      | 4.5 (115)                      | 5.5 (140) |
| Brake                                                                      | Service (foot) / Parking                            |                | Hydraulic / Mechanical         |                           | Hydraulic / Mechanical         | Hydraulic / Mechanical         |           |
| POWER SYSTEM                                                               |                                                     |                |                                | 40-8FGU15                 | 40-8FGU18                      | 40-8FGU20                      |           |
| Battery (5-hour rating)                                                    |                                                     | V / Ah         |                                | 12/35                     | 12 / 35                        | 12 / 35                        |           |
| Internal Combustion Engine                                                 | Make / Model                                        |                | Kubota/WG2503                  |                           | Kubota/WG2503                  | Kubota/WG2503                  |           |
|                                                                            | Rated Horsepower @ rpm                              | SAE HP         | 56 @ 2600 Net/ 58 @ 2600 Net   |                           | 56 @ 2600 Net/58 @ 2600 Net    | 56 @ 2600 Net/ 58 @ 2600 Net   |           |
|                                                                            |                                                     | (kW)           | 42 @ 2600/ 44 @ 2600           |                           | 42 @ 2600/44 @ 2600            | 42 @ 2600/ 44 @ 2600           |           |
|                                                                            | Rated Torque @ rpm                                  | SAE ft-lb      | 122 @ 1800 Net/129 @ 1600 Net  |                           | 122 @ 1800 Net/ 129 @ 1600 Net | 122 @ 1800 Net/ 129 @ 1600 Net |           |
|                                                                            |                                                     | (N-m)          | 165 @ 1800/175 @ 1600          |                           | 165 @ 1800/175 @ 1600          | 165 @ 1800 / 175 @ 1600        |           |
|                                                                            | Number of Cylinders                                 |                | 4                              |                           | 4                              | 4                              |           |
|                                                                            | Piston Displacement                                 |                | cu in (cc)                     |                           | 151(2491)                      | 151(2491)                      | 151(2491) |
| Fuel Tank Capacity                                                         |                                                     | US gal (liter) |                                | 12 (45)                   | 12 (45)                        | 15.9                           |           |
| Transmission                                                               | Type                                                |                | Powershift                     |                           | Powershift                     | Powershift                     |           |
|                                                                            | Speeds (forward / reverse)                          |                | 1 / 1                          |                           | 1 / 1                          | 1 / 1                          |           |
| Auxiliary Hydraulic Function Specifications (for attachments) <sup>4</sup> | Max. Operating Pressure                             |                | psi (kg/cm2)                   |                           | 2275 (160)                     | 2275 (160)                     |           |
|                                                                            | Max. Flow Rate                                      |                | gpm                            |                           | 17                             | 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.).

TRUCK SPECIFICATIONS

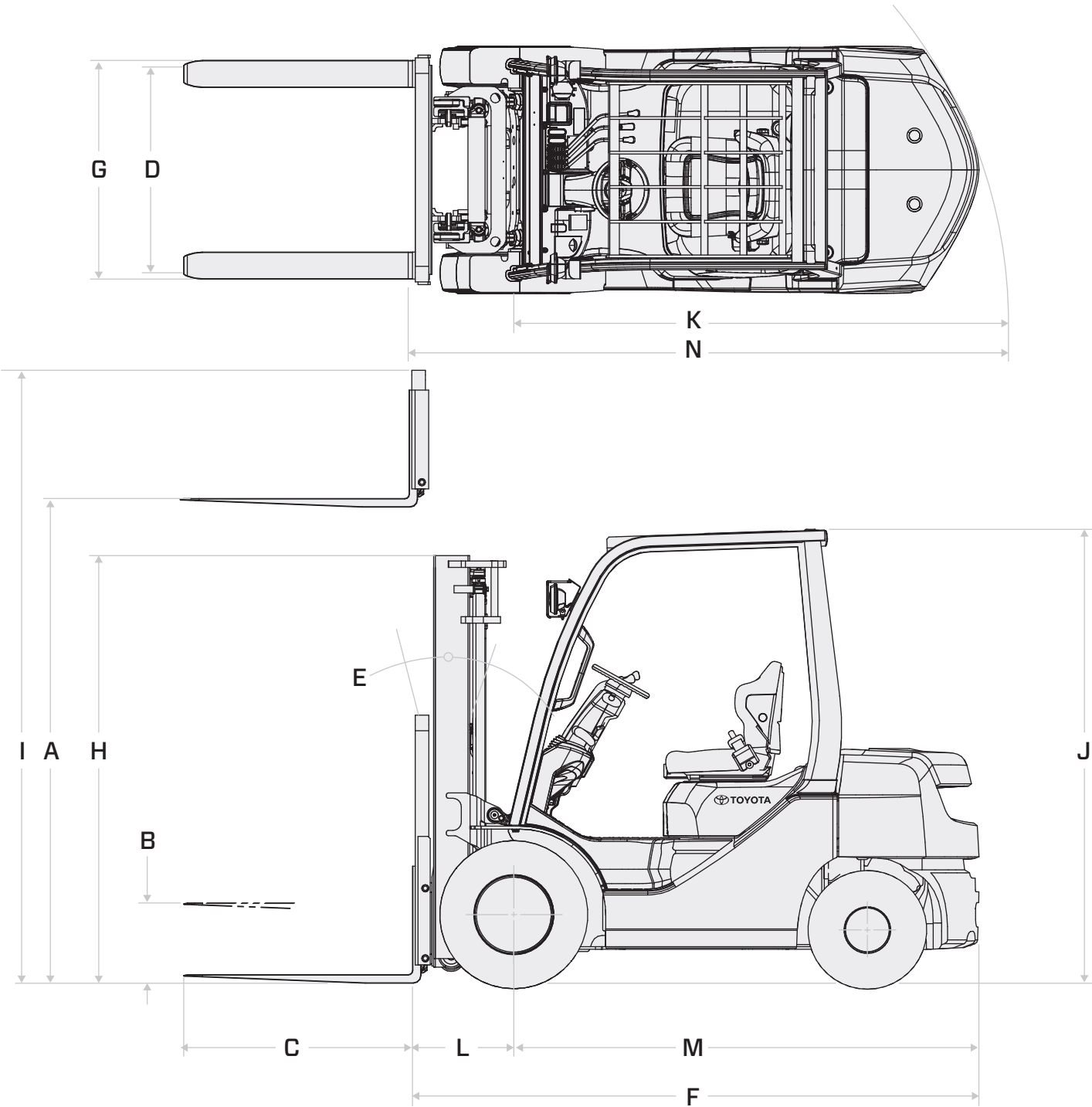
| GENERAL DATA                                                   |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
|----------------------------------------------------------------|----------------------------------------------|----------------|-----------------------|--------------------------------|--------------------------------|--------------------------------|
| Load Capacity                                                  |                                              | lb (kg)        |                       | 5000 (2250)                    | 6000 (2700)                    | 6500 (3000)                    |
| Power Type                                                     |                                              |                |                       | Gasoline/LP                    | Gasoline/LP                    | Gasoline/LP                    |
| Operator Position                                              |                                              |                |                       | Seated Rider                   | Seated Rider                   | Seated Rider                   |
| Tire Type                                                      | Front / Rear                                 |                | Pneumatic / Pneumatic |                                | Pneumatic / Pneumatic          | Pneumatic / Pneumatic          |
| Wheels (x = driven)                                            | Front / Rear                                 |                | 2x / 2                |                                | 2x / 2                         | 2x / 2                         |
| EXTERIOR DIMENSIONS                                            |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
| <b>A</b>                                                       | Maximum Fork Height (top of forks)           | in (mm)        |                       | 131.5 (3340)                   | 131.5 (3345)                   | 131.5 (3345)                   |
| <b>B</b>                                                       | Free-Lift (top of forks)                     | in (mm)        |                       | 6.1 (155)                      | 5.3 (135)                      | 5.3 (135)                      |
| <b>C</b>                                                       | Fork Size (T x W x L)                        | in (mm)        |                       | 1.6 x 5 x 42 (40 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) |
| <b>D</b>                                                       | Fork Spread Max. / Min. (outer edge to edge) | in (mm)        |                       | 40 (1020) / 10 (250)           | 42 (1070) / 10 (250)           | 42 (1070) / 10 (250)           |
| <b>E</b>                                                       | Tilt Range (forward / backward)              | deg            |                       | 6 / 11                         | 6 / 11                         | 6 / 11                         |
| <b>F</b>                                                       | Length to Fork Face                          | in (mm)        |                       | 103.9 (2640)                   | 109.4 (2780)                   | 110.2 (2800)                   |
| <b>G</b>                                                       | Overall Width                                | in (mm)        |                       | 45.3 (1150)                    | 48.8 (1240)                    | 48.8 (1240)                    |
| <b>H</b>                                                       | Mast Lowered Height                          | in (mm)        |                       | 84.5 (2145)                    | 85.3 (2165)                    | 85.3 (2165)                    |
| <b>I</b>                                                       | Mast Extended Height (top of load backrest)  | in (mm)        |                       | 179.5 (4560)                   | 179.7 (4565)                   | 179.7 (4565)                   |
| <b>J</b>                                                       | Overhead Guard Height                        | in (mm)        |                       | 83.1 (2110)                    | 85.5 (2170)                    | 85.5 (2170)                    |
| <b>K</b>                                                       | Turning Radius (inside / outside)            | in (mm)        |                       | 5.91 (150) / 87.5 (2220)       | 7.48 (190) / 92.5 (2350)       | 93.3 (2370)                    |
| <b>L</b>                                                       | Load Distance¹                               | in (mm)        |                       | 18.5 (470)                     | 19.1 (485)                     | 19.1 (485)                     |
| <b>M</b>                                                       | Rear Overhang                                | in (mm)        |                       | 20.5 (520)                     | 23 (595)                       | 24 (615)                       |
| <b>N</b>                                                       | Basic Right-Angle Stacking Aisle Width²      | in (mm)        |                       | 105.9 (2690)                   | 111.6 (2835)                   | 112.4 (2855)                   |
| PERFORMANCE DATA                                               |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
| Speeds                                                         | Maximum Travel (forward / reverse)           | Full Load      | mph (km/h)            | 10.9 (17.5) / 10.9 (17.5)      | 11.2 (18.0) / 11.2 (18.0)      | 11.2 (18.0) / 11.2 (18.0)      |
|                                                                |                                              | No Load        | mph (km/h)            | 11.2 (18.0) / 11.2 (18.0)      | 11.5 (18.5) / 11.5 (18.5)      | 11.5 (18.5) / 11.5 (18.5)      |
|                                                                | Lifting                                      | Full Load      | fpm (mm/sec)          | 118 (600)                      | 98(500)                        | 98(500)                        |
|                                                                |                                              | No Load        | fpm (mm/sec)          | 124 (630)                      | 102(520)                       | 102(520)                       |
|                                                                | Lowering                                     | Full Load      | fpm (mm/sec)          | 98 (500)                       | 98 (500)                       | 98 (500)                       |
|                                                                |                                              | No Load        | fpm (mm/sec)          | 98 (500)                       | 98 (500)                       | 98 (500)                       |
| Drawbar Pull                                                   | Maximum                                      | Full Load      | lb (kg)               | 4250 (1928)                    | 4390(1990)                     | 4390(1990)                     |
|                                                                |                                              | No Load        | lb (kg)               | 1910 (870)                     | 2310 (1050)                    | 2310 (1050)                    |
| Gradeability                                                   | 1 mph (1.5 km/h)³                            | Full Load      | %                     | 28                             | 22                             | 21                             |
|                                                                |                                              | Full Load      | %                     | 33                             | 26                             | 26                             |
|                                                                | Maximum³                                     | No Load        | %                     | 20                             | 21                             | 21                             |
| TRUCK WEIGHTS                                                  |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
| Total Weight                                                   |                                              | lb (kg)        |                       | 8000(3640)                     | 9450(4280)                     | 9680(4390)                     |
| Weight Distribution                                            | Full Load (front / rear)                     | lb (kg)        |                       | 11340(5360)/1670(770)          | 13370(6330)/2080(950)          | 4130(6700) / 2050(940)         |
|                                                                | No Load (front / rear)                       | lb (kg)        |                       | 3050(1380)/4950(2250)          | 3510(1590)/5940(2690)          | 3440(1560)/6240(2830)          |
| TIRES                                                          |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
| Tires                                                          | Number (front / rear)                        |                |                       | 2 / 2                          | 2 / 2                          | 2 / 2                          |
|                                                                | Size                                         | Front          |                       | 7.00-12-12PR (1)               | 28 x 9-15-12PR (1)             | 28 x 9-15-14PR (1)             |
|                                                                |                                              | Rear           |                       | 6.00-9-10PR (1)                | 6.50-10-10PR (1)               | 6.50-10-10PR (1)               |
| Wheelbase                                                      |                                              | in (mm)        |                       | 65 (1650)                      | 66.9 (1700)                    | 66.9 (1700)                    |
| Tread Width (front / rear)                                     |                                              | in (mm)        |                       | 37.8 (960) / 38.0 (965)        | 39.8 (1010) / 38 (965)         | 39.8 (1010) / 38 (965)         |
| Underclearance (full load)                                     | Minimum with Load                            |                | in (mm)               | 3.7 (95)                       | 4.5 (115)                      | 4.5 (115)                      |
|                                                                | Center of Wheelbase                          |                | in (mm)               | 5.5 (140)                      | 7.3 (185)                      | 7.3 (185)                      |
| Brake                                                          | Service (foot) / Parking                     |                |                       | Hydraulic / Mechanical         | Hydraulic / Mechanical         | Hydraulic / Mechanical         |
| POWER SYSTEM                                                   |                                              |                |                       | 40-8FGU25                      | 40-8FGU30                      | 40-8FGU32                      |
| Battery (5-hour rating)                                        |                                              | V / Ah         |                       | 12 / 35                        | 12 / 35                        | 12 / 35                        |
| Internal Combustion Engine                                     | Make / Model                                 |                |                       | Kubota/WG2503                  | Kubota/WG2503                  | Kubota/WG2503                  |
|                                                                | Rated Horsepower @ rpm                       | SAE HP         |                       | 56 @ 2600 Net/ 58 @ 2600 Net   | 56 @ 2600 Net/58 @ 2600 Net    | 56 @ 2600 Net/58 @ 2600 Net    |
|                                                                |                                              | (kW)           |                       | 42 @ 2600/ 44 @ 2600           | 42 @ 2600/ 44 @ 2600           | 42 @ 2600/ 44 @ 2600           |
|                                                                | Rated Torque @ rpm                           | SAE ft-lb      |                       | 122 @ 1800 Net/129 @ 1600 Net  | 122 @ 1800 Net/ 129 @ 1600 Net | 122 @ 1800 Net/ 129 @ 1600 Net |
|                                                                |                                              | (N-m)          |                       | 165 @ 1800/ 175 @ 1600         | 165 @ 1800/ 175 @ 1600         | 165 @ 1800/ 175 @ 1600         |
|                                                                | Number of Cylinders                          |                |                       | 4                              | 4                              | 4                              |
| Piston Displacement                                            |                                              | cu in (cc)     |                       | 151(2491)                      | 151(2491)                      | 151(2491)                      |
| Fuel Tank Capacity                                             |                                              | US gal (liter) |                       | 15.9                           | 15.9 (60)                      | 15.9 (60)                      |
| Transmission                                                   | Type                                         |                |                       | Powershift                     | Powershift                     | Powershift                     |
|                                                                | Speeds (forward / reverse)                   |                |                       | 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                             | 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<br>FORK HEIGHT<br>(TOP OF FORKS) | OVERALL HEIGHT |                          |                                             | FREE-LIFT                   |                                                | SINGLE TIRE |     |                                                 |             |
|------------------------------------|------------------------------------------|----------------|--------------------------|---------------------------------------------|-----------------------------|------------------------------------------------|-------------|-----|-------------------------------------------------|-------------|
|                                    |                                          | LOWERED        | EXTENDED                 |                                             | WITHOUT<br>LOAD<br>BACKREST | WITH<br>STANDARD LOAD<br>BACKREST <sup>1</sup> | TILT RANGE  |     | LOAD CAPACITY AT<br>24 IN. (610 MM) LOAD CENTER |             |
|                                    |                                          |                | WITHOUT<br>LOAD BACKREST | WITH STANDARD<br>LOAD BACKREST <sup>1</sup> |                             |                                                | 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 / 8FDU15 / 40-8FGU15     |                                          |                |                          |                                             |                             |                                                |             |     |                                                 |             |
| Wide Visible<br>(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<br>2-Stage<br>(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<br>3-Stage<br>(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<br>FORK HEIGHT<br>(TOP OF FORKS) | OVERALL HEIGHT |                          |                                             | FREE-LIFT                   |                                                | SINGLE TIRE |     |                                                 |             |
|------------------------------------|------------------------------------------|----------------|--------------------------|---------------------------------------------|-----------------------------|------------------------------------------------|-------------|-----|-------------------------------------------------|-------------|
|                                    |                                          | LOWERED        | EXTENDED                 |                                             | WITHOUT<br>LOAD<br>BACKREST | WITH<br>STANDARD LOAD<br>BACKREST <sup>1</sup> | TILT RANGE  |     | LOAD CAPACITY AT<br>24 IN. (610 MM) LOAD CENTER |             |
|                                    |                                          |                | WITHOUT<br>LOAD BACKREST | WITH STANDARD<br>LOAD BACKREST <sup>1</sup> |                             |                                                | 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 / 8FDU18 / 40-8FGU18     |                                          |                |                          |                                             |                             |                                                |             |     |                                                 |             |
| Wide Visible<br>(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<br>2-Stage<br>(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<br>3-Stage<br>(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<br>TYPE                          | MAXIMUM<br>FORK HEIGHT<br>(TOP OF<br>FORKS) | OVERALL HEIGHT |                          |                                 | FREE-LIFT                   |                                       | SINGLE TIRE   |                                                 |                 | DUAL TIRE     |                                                       |
|---------------------------------------|---------------------------------------------|----------------|--------------------------|---------------------------------|-----------------------------|---------------------------------------|---------------|-------------------------------------------------|-----------------|---------------|-------------------------------------------------------|
|                                       |                                             | LOWERED        | EXTENDED                 |                                 | WITHOUT<br>LOAD<br>BACKREST | WITH<br>STANDARD<br>LOAD<br>BACKREST¹ | TILT<br>RANGE | LOAD CAPACITY AT<br>24 IN. (610 MM) LOAD CENTER |                 | TILT<br>RANGE | LOAD CAPACITY<br>AT 24 IN.<br>(610 MM)<br>LOAD CENTER |
|                                       |                                             |                | WITHOUT<br>LOAD BACKREST | WITH STANDARD<br>LOAD BACKREST¹ |                             |                                       |               | FWD /<br>BWD                                    | NARROW<br>TREAD |               |                                                       |
|                                       | in (mm)                                     | in (mm)        | in (mm)                  | in (mm)                         | in (mm)                     | in (mm)                               | deg           | lb (kg)                                         | lb (kg)         | deg           | lb (kg)                                               |
| 50-8FGU20 / 8FDU20 / 40-8FGU20        |                                             |                |                          |                                 |                             |                                       |               |                                                 |                 |               |                                                       |
| Wide<br>Visible<br>(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<br>Free-Lift<br>2-Stage<br>(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<br>Free-Lift<br>3-Stage<br>(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<br>Free-Lift<br>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<br>TYPE                          | MAXIMUM<br>FORK HEIGHT<br>(TOP OF<br>FORKS) | OVERALL HEIGHT |                          |                                             | FREE-LIFT                   |                                                   | SINGLE TIRE   |                                                 |                 | DUAL TIRE     |                                                       |
|---------------------------------------|---------------------------------------------|----------------|--------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------|---------------|-------------------------------------------------|-----------------|---------------|-------------------------------------------------------|
|                                       |                                             | LOWERED        | EXTENDED                 |                                             | WITHOUT<br>LOAD<br>BACKREST | WITH<br>STANDARD<br>LOAD<br>BACKREST <sup>1</sup> | TILT<br>RANGE | LOAD CAPACITY AT<br>24 IN. (610 MM) LOAD CENTER |                 | TILT<br>RANGE | LOAD CAPACITY<br>AT 24 IN.<br>(610 MM)<br>LOAD CENTER |
|                                       |                                             |                | WITHOUT<br>LOAD BACKREST | WITH STANDARD<br>LOAD BACKREST <sup>1</sup> |                             |                                                   |               | FWD /<br>BWD                                    | NARROW<br>TREAD |               |                                                       |
|                                       | in (mm)                                     | in (mm)        | in (mm)                  | in (mm)                                     | in (mm)                     | in (mm)                                           | deg           | lb (kg)                                         | lb (kg)         | deg           | lb (kg)                                               |
| 50-8FGU25 / 8FDU25 / 40-8FGU25        |                                             |                |                          |                                             |                             |                                                   |               |                                                 |                 |               |                                                       |
| Wide Visible<br>(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<br>Free-Lift<br>2-Stage<br>(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<br>Free-Lift<br>3-Stage<br>(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<br>Free-Lift<br>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         | —                                                     |

<sup>1</sup> 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<br>TYPE                          | MAXIMUM<br>FORK HEIGHT<br>(TOP OF<br>FORKS) | OVERALL HEIGHT |                          |                                 | FREE-LIFT                   |                                       | SINGLE TIRE   |                                                 |                 | DUAL TIRE     |                                                       |
|---------------------------------------|---------------------------------------------|----------------|--------------------------|---------------------------------|-----------------------------|---------------------------------------|---------------|-------------------------------------------------|-----------------|---------------|-------------------------------------------------------|
|                                       |                                             | LOWERED        | EXTENDED                 |                                 | WITHOUT<br>LOAD<br>BACKREST | WITH<br>STANDARD<br>LOAD<br>BACKREST¹ | TILT<br>RANGE | LOAD CAPACITY AT<br>24 IN. (610 MM) LOAD CENTER |                 | TILT<br>RANGE | LOAD CAPACITY<br>AT 24 IN.<br>(610 MM)<br>LOAD CENTER |
|                                       |                                             |                | WITHOUT<br>LOAD BACKREST | WITH STANDARD<br>LOAD BACKREST¹ |                             |                                       |               | FWD /<br>BWD                                    | NARROW<br>TREAD |               |                                                       |
|                                       | in (mm)                                     | in (mm)        | in (mm)                  | in (mm)                         | in (mm)                     | in (mm)                               | deg           | lb (kg)                                         | lb (kg)         | deg           | lb (kg)                                               |
| 50-8FGU30 / 8FDU30 / 40-8FGU30        |                                             |                |                          |                                 |                             |                                       |               |                                                 |                 |               |                                                       |
| Wide<br>Visible<br>(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<br>Free-Lift<br>2-Stage<br>(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<br>Free-Lift<br>3-Stage<br>(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<br>Free-Lift<br>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 / 8FDU32 / 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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