

3,000 - 6,500 lbs. Standard Features

SAFETY

- CARB/EPA certified engine with 3-way closed loop catalytic muffler system
- System of Active Stability (SAS)
 - Active control rear stabilizer
 - Active mast control function
 - SAS operation monitor
- Key lowering interlock
- Drift control system
- Double action parking brake
- Electric horn
- Neutral engine start safety switch
- Asbestos free components

PERFORMANCE

- Toyota 136 cu. in., 4-cyl., OHV gasoline engine (4Y)
- Toyota 152 cu. in., 4-cyl., OHV diesel engine (1DZ-II)
- Automatic choke (gasoline engines only)
- UL "G" gasoline engine
- UL "D" diesel engine
- Sedimentor (water separator) and suction filter (diesel engines only)
- Super glow control system (diesel engines only)
- Alternator with built-in IC regulator
- Transistorized ignition assembly
- Anti-resistant ignition key switch
- Automatic transmission with oil cooler
- Full floating powertrain
- Unified differential housing and differential carrier
- Hydraulic valve lifters (gasoline engines only)
- High cooling capacity radiator with tan shroud
- Large capacity engine cooling fan
- 7-inch cyclone air cleaner with high positioned external air intake
- Low maintenance battery
- Welded, steel mudguards

OPERABILITY AND ERGONOMICS

- Ergonomically designed instrument display
- Integrated monitoring system - includes
 - Digital hour meter
 - Battery charge warning lamp
 - Engine coolant temperature gauge
 - Engine oil pressure warning lamp
 - Clogged air filter warning lamp
 - Fuel gauge (gasoline only)
 - SAS warning lamp
 - Swing lock cylinder activation lamp
 - Pre-heat indicator and sedimentor warning lights (diesel only)
- 2-stage limited free lift mast (V)
- Wide-view carriage bars
- Electric shift control
- Integrated head light and turn signal lever
- Automatic fork leveling
- Memory-tilt steering column
- Two-spoke steering wheel
- Hydrostatic power steering
- Rubber mounting of hydraulic control valve
- Cowl-mounted hydraulic control levers with rubber boot covers
- Pendant-mounted pedals
- Independent brake & inching pedals
- Non-slip hand pad on engine hood
- Dual operator assist grips
- Low wide entry steps
- Large hood mounted clipboard
- Dash integrated pen/pencil/cup holder
- Draw bar pin
- Load backrest extension
- Heavy duty non-slip floor mat
- Adjustable front headlights and guards
- 4-Way adjustable semi-suspension seat
 - Fore/aft adjustment
 - Weight adjustment
 - Back tilt adjustment
 - Lumbar support adjustment

SERVICEABILITY

- Easy access no-tools floorboard
- Fully opening and sealed-closure steel engine hood
- Easy access radiator cover
- Engine hood assist damper with lock device
- At-a-glance coolant recovery system and brake fluid reservoir
- Air cleaner discharge valve

3,000 - 6,500 lbs. Optional Equipment

- Travel Speed Control System
- High mount rear combination lights
 - brakes
 - clearance back-up lights
 - turn signals
- EZ-Pedal foot directional control
- Engine shutdown device
- OK monitor
- Plate fin radiator (Box fin pattern)
- Radiator screen
- Fire extinguisher
- 2-stage full free lift mast (FV)
- 3-stage full free lift mast (FSV)
- Step mounted tool box with cover
- Deluxe steel cab
- Front combination lights
 - clearance lights
 - turn signal
- 2 speed automatic transmission
- Tilt cylinder boots
- Polished and tapered forks
- Side-shifter attachment
- Bottler's tilt
- LPG low-fuel warning light and alarm
- Catalytic muffler
- High capacity alternator with built-in regulator
- Keyless ignition switch
- Strobe lights
 - yellow
 - red
 - blue
 - clear
- Back-up alarms
- Cloth 4-way semi-suspension seat
- 3-way full-suspension seat
- Combination brake/inching pedal
- Pre-cleaner for air intake
- Left- and right-hand rear-view mirrors
- Wide tread tires
- UL "GS" gasoline model
- UL "DS" diesel model
- 4Y-ECS gasoline engine (option on 7FGU20.25, standard on 7FGU30.32)
- LPG fuel system configurations with swing out tank bracket and one touch latch system
 - UL-LP
 - UL-LPS
 - UL-LP/G dual fuel
- Optional swing down feature for LPG tank bracket

3,000 - 6,500 lbs. Truck Specifications

Models		7FGU15	7FDU15	7FGU18	7FDU18	7FGU20	7FDU20	7FGU25	7FDU25	7FGU30	7FDU30	7FGU32	7FDU32
Load Capacity (at 24" Load Center)	lbs.	3000		3500		4000		5000		6000		6500	
Frame Construction		Welded steel body and frame											
Steering Type		Hydrostatic power steering											
Brakes		Hydraulic (foot)											
Transmission		Powershift											
		1/1											
Toyota Engine Model		4Y	1DZ-II	4Y	1DZ-II	4Y	1DZ-II	4Y	1DZ-II	4Y-ECS	1DZ-II	4Y-ECS	1DZ-II
Engine Type		4 cyl. gasoline	4 cyl. diesel	4 cyl. gasoline	4 cyl. diesel	4 cyl. gasoline	4 cyl. diesel	4 cyl. gasoline	4 cyl. diesel	4 cyl. gasoline	4 cyl. diesel	4 cyl. gasoline	4 cyl. diesel
Piston Displacement	cu. in.	136	152	136	152	136	152	136	152	136	152	136	152
Rated Horsepower - Net rpm	SAE HP	47 @ 2300	54 @ 2400	47 @ 2300	54 @ 2400	47 @ 2300	59 @ 2600	47 @ 2300	59 @ 2600	51 @ 2500	59 @ 2600	51 @ 2500	59 @ 2600
Rated Torque - Net rpm	SAE ft.-lb.	118 @ 1800	123 @ 1600	118 @ 1800	123 @ 1600	118 @ 1800	123 @ 1600	118 @ 1800	123 @ 1600	118 @ 1800	123 @ 1600	118 @ 1800	123 @ 1600

EXTERIOR DIMENSIONS

Models		7FGU15	7FDU15	7FGU18	7FDU18	7FGU20	7FDU20	7FGU25	7FDU25	7FGU30	7FDU30	7FGU32	7FDU32
A	Maximum Fork Height (MFH)	in.	131	131	131	131	131.5	131.5	131.5	131.5	131.5	131.5	131.5
B	Mast Lowered Height	in.	84.5	84.5	84.5	84.5	84.5	84.5	84.5	85.3	85	85.3	85
C	Free Lift	in.	5.7	5.7	5.7	5.7	6.1	6.1	6.1	6.1	5.3	5.3	5.3
D	Load Distance*	in.	15.8	15.8	15.8	15.8	18.5	18.5	18.5	18.5	19.1	19.1	19.1
E	Wheelbase	in.	55.5	55.5	55.5	55.5	63	63	63	63	66.9	66.9	66.9
F	Fork Size (TxWxL)	in.	1.4x4x42	1.4x4x42	1.4x4x42	1.4x4x42	1.6x5x42	1.6x5x42	1.6x5x42	1.6x5x42	1.8x5x42	1.8x5x42	1.8x5x42
G	Length to Fork Face	in.	88.4	88.4	89.6	89.6	100.2	100.2	102.6	102.6	108.1	108.1	109.1
H	Overhead Guard Height	in.	81.9	81.9	81.9	81.9	83.1	83.1	83.1	83.1	85.5	85.5	85.5
I	Tilt Range (Fwd/Bwd)	deg.	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10
J	Outside Turning Radius	in.	76	76	78	78	84.7	84.7	87.5	87.5	92.5	92.5	93.3
K	Rt Angle Stacking Aisle Width**	in.	92	92	92.5	92.5	103.2	103.2	106	106	110.8	110.8	111.8
L	Overall Width	in.	42.2	42.2	42.2	42.2	45.3	45.3	45.3	45.3	48.8	48.8	48.8
M	Carriage Width	in.	36	36	36	36	40	40	40	40	42	42	42
N	Std Tread Width (Front/Rear)	in.	35.2/35.2	35.2/35.2	35.2/35.2	35.2/35.2	37.8/38	37.8/38	37.8/38	37.8/38	39.8/38	39.8/38	39.8/38
O	Underclearance	Minimum	in.	3.9	3.9	3.9	3.9	3.7	3.7	3.7	3.7	4.5	4.5
		Center of W.B.	in.	5.5	5.5	5.5	5.5	7.3	7.3	7.3	7.3	8.6	8.6

PERFORMANCE DATA

Maximum Travel Speed	Full Load	Forward	mph	11.5	11.8	11.5	11.8	10.9	11.8	10.9	11.8	11.0	11.8	11.0	11.8
		Reverse	mph	11.5	11.8	11.5	11.8	10.9	11.8	10.9	11.8	11.0	11.8	11.0	11.8
Lifting Speeds (V mast)	Full Load	Forward	fpm	118	128	118	128	118	120	118	120	100	98	100	98
		Reverse	fpm	118	121	118	121	112	121	112	121	110	121	110	121
Lowering Speeds (V mast)	Full Load	Forward	fpm	98	98	98	98	98	98	98	98	98	98	98	98
		Reverse	fpm	108	108	108	108	98	98	98	98	98	98	98	98
Maximum Drawbar Pull	Full Load	lbs.	3950	3950	3950	3950	4200	4050	4200	4050	4050	4050	4050		
		No Load	lbs.	1450	1450	1300	1300	1850	1850	1750	1750	2100	2100	2100	
Maximum Gradeability	Full Load	%	45	45	41	42	36	35	30	30	26	25	25		
		No Load	%	22	22	20	18	22	22	18	18	18	18	18	

TRUCK WEIGHTS

Gross Weight (empty)		lbs.	5870	6020	6150	6320	7740	7890	8360	8510	9590	9750	9900	10060	
Weight Distribution	Full Load	Front	lbs.	7800	7800	8560	8620	10290	10380	11720	11790	13640	13710	14460	14530
		Rear	lbs.	1070	1160	1090	1200	1600	1590	1640	1720	1950	2040	1940	2030
	No Load	Front	lbs.	2650	2710	2560	2620	3590	3680	3350	3420	3770	3840	3770	3840
		Rear	lbs.	3220	3310	3590	3700	4300	4290	5010	5090	5820	5910	6130	6220

FUEL CAPACITY

Gasoline Fuel Tank	US gal	11.9	11.9	11.9	11.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
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ATTACHMENT

Auxiliary Function Pressure Relief	psi	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275	2275
Auxiliary Function Flow Rate (max)	gpm	17	17	17	17	20	19	20	19	21	20	21	20

TIRES

Front/rear		Pneumatic/Pneumatic			
Size	Drive (Front)	6.50-10-10PR		7.00-12-12PR	
	Steer (Rear)	5.00-8-8PR		6.00-9-10PR	
				28x9-15-12PR	
				28x9-15-14PR	
				6.50-10-10PR	

* Centerline of front axle to front face of forks
 ** Add load length and clearance

6,000 - 6,500 lbs. Mast Specifications

7FG(D)U30

Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		Single Drive Tire				Optional Dual Drive Tires		
		Lowered	Extended		Without Load Backrest	With Std. Load Backrest	Tilt Range		Load Capacity at 24 in. Load Center (LC)		Tilt Range		Load Capacity at 24 in. Load Center	
			Without Load Backrest	With Std. Load Backrest			FWD	BWD	Standard Tread	Optional Wide Tread	FWD	BWD		
														deg.
in.	in.	in.	in.	in.	in.	deg.	deg.	lbs.	lbs.	deg.	deg.	lbs.		
V	80.5	59.6	108.3	128.5	5.3	5.3	6	10	6000	6000	6	10	6000	
	100	69.5	128	148.2	5.3	5.3	6	10	6000	6000	6	10	6000	
	108	73.4	135.8	156.1	5.3	5.3	6	10	6000	6000	6	10	6000	
	119.5	79.3	147.6	167.9	5.3	5.3	6	10	6000	6000	6	10	6000	
	131.5	85	159.4	179.7	5.3	5.3	6	10	6000	6000	6	10	6000	
	139.5	89.2	167.3	187.6	5.3	5.3	6	10	6000	6000	6	10	6000	
	147	95.5	175.2	195.5	5.3	5.3	6	10	6000	6000	6	10	6000	
	159	103	187	207.3	5.3	5.3	6	10	6000	6000	6	10	6000	
	178.5	112.8	206.7	227	5.3	5.3	6	6	6000	6000	6	10	6000	
	198.5	122.6	226.4	246.7	5.3	5.3	6	6	5300	5850	6	6	6000	
	218	132.5	246.1	266.3	5.3	5.3	---	---	---	---	6	6	5550	
	237.5	143.9	265.7	286	5.3	5.3	---	---	---	---	6	6	4450	
FV	80.5	59.6	103	128.5	35.4	11.6	6	6	6000	6000	6	6	6000	
	100	69.5	122.6	148.2	45.3	21.5	6	10	6000	6000	6	10	6000	
	108	73.4	130.5	156.1	49.2	25.4	6	10	6000	6000	6	10	6000	
	119.5	79.3	142.3	167.9	55.1	31.3	6	10	6000	6000	6	10	6000	
	131.5	85	154.1	179.7	61	37.2	6	10	6000	6000	6	10	6000	
	139.5	89.2	162	187.6	65	41.2	6	10	6000	6000	6	10	6000	
	147	95.5	169.9	195.5	71.3	47.5	6	10	6000	6000	6	10	6000	
	159	103	181.7	207.3	78.7	55	6	10	6000	6000	6	10	6000	
FSV	147	75.4	169.9	195.5	51.2	27.4	6	6	6000	6000	6	6	6000	
	159	79.3	181.7	207.3	55.1	31.3	6	6	6000	6000	6	6	6000	
	171	85.2	193.5	219.1	61	37.2	6	6	6000	6000	6	6	6000	
	187	89.2	209.8	235	65	41.2	6	6	6000	6000	6	6	6000	
	198.5	95.5	221.1	246.7	71.3	47.5	6	6	5600	5800	6	6	6000	
	218	103	240.7	266.3	78.7	55	6	6	4200	5300	6	6	5600	
	237.5	112.8	260.4	286	88.6	64.8	6	6	3100	3500	6	6	4300	
	257.5	122.6	280.1	305.7	98.4	74.6	---	---	---	---	6	6	3500	
277	132.5	299.8	325.4	108.3	84.5	---	---	---	---	6	6	2600		

Note: Height of standard load backrest is 48 in

7FG(D)U32

Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		Single Drive Tire				Optional Dual Drive Tires		
		Lowered	Extended		Without Load Backrest	With Std. Load Backrest	Tilt Range		Load Capacity at 24 in. Load Center (LC)		Tilt Range		Load Capacity at 24 in. Load Center	
			Without Load Backrest	With Std. Load Backrest			FWD	BWD	Standard Tread	Optional Wide Tread	FWD	BWD		
														deg.
in.	in.	in.	in.	in.	in.	deg.	deg.	lbs.	lbs.	deg.	deg.	lbs.		
V	80.5	59.6	108.3	128.5	5.3	5.3	6	10	6500	6500	6	10	6500	
	100	69.5	128	148.2	5.3	5.3	6	10	6500	6500	6	10	6500	
	108	73.4	135.8	156.1	5.3	5.3	6	10	6500	6500	6	10	6500	
	119.5	79.3	147.6	167.9	5.3	5.3	6	10	6500	6500	6	10	6500	
	131.5	85	159.4	179.7	5.3	5.3	6	10	6500	6500	6	10	6500	
	139.5	89.2	167.3	187.6	5.3	5.3	6	10	6500	6500	6	10	6500	
	147	95.5	175.2	195.5	5.3	5.3	6	10	6500	6500	6	10	6500	
	159	103	187	207.3	5.3	5.3	6	10	6500	6500	6	10	6500	
	178.5	112.8	206.7	227	5.3	5.3	6	6	6500	6500	6	10	6500	
	198.5	122.6	226.4	246.7	5.3	5.3	6	6	6150	6500	6	6	6500	
	218	132.5	246.1	266.3	5.3	5.3	---	---	---	---	6	6	5500	
	237.5	143.9	265.7	286	5.3	5.3	---	---	---	---	6	6	4200	
FV	80.5	59.6	108.1	128.5	30.3	11.6	6	6	6500	6500	6	6	6500	
	100	69.5	127.8	148.2	40.2	21.5	6	10	6500	6500	6	10	6500	
	108	73.4	135.6	156.1	44.1	25.4	6	10	6500	6500	6	10	6500	
	119.5	79.3	147.4	167.9	50	31.3	6	10	6500	6500	6	10	6500	
	131.5	85	159.3	179.7	55.9	37.2	6	10	6500	6500	6	10	6500	
	139.5	89.2	167.1	187.6	59.8	41.2	6	10	6500	6500	6	10	6500	
	147	95.5	175	195.5	66.1	47.5	6	10	6500	6500	6	10	6500	
	159	103	186.8	207.3	73.6	55	6	10	6500	6500	6	10	6500	
FSV	147	75.4	175	195.5	46.1	27.4	6	6	6500	6500	6	6	6500	
	159	79.3	186.8	207.3	50	31.3	6	6	6500	6500	6	6	6500	
	171	85.2	198.6	219.1	55.9	37.2	6	6	6500	6500	6	6	6500	
	187	89.2	215	235	59.8	41.2	6	6	6500	6500	6	6	6500	
	198.5	95.5	226.2	246.7	66.1	47.5	6	6	5750	6400	6	6	6500	
	218	103	245.9	266.3	73.6	55	6	6	4200	5500	6	6	6050	
	237.5	112.8	265.6	286	83.5	64.8	6	6	3300	4000	6	6	5750	
	257.5	122.6	285.2	305.7	93.3	74.6	---	---	---	---	6	6	3500	
277	132.5	304.9	325.4	103.1	84.5	---	---	---	---	6	6	2300		

Note: Height of standard load backrest is 48 in.

Some product features described herein are optional. Please consult your dealer for specifications. Details and specifications of equipment are based on information available at the time of printing and may change without notice.

