

4,000 – 5,000 lbs • 1,814 – 2,268 kgs • Mast Specifications

8FGCSU20										
Mast Type	Maximum Fork Height (top of forks)	Overall Height			Free Lift		Tilt Range		Load Capacity at 600mm/24" Load Center	
		Lowered	Extended		Without Load Backrest	With Std. Load Backrest				
			Without Load Backrest	With Std. Load Backrest			Without Load Backrest	With Std. Load Backrest		
										FWD
	in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>	deg.	deg.	lbs. <i>kg</i>	
V	80 2032	57.5 1461	101.2 2570	128.3 3259	5.7 145	5.7 145	6	5	4000 1814	
	119.5 3035	77.2 1961	140.6 3571	167.7 4260	5.7 145	5.7 145	6	10	4000 1814	
	131.5 3340	83.1 2111	152.4 3871	179.5 4559	5.7 145	5.7 145	6	10	4000 1814	
	139 3531	87 2210	164.2 4171	187.4 4760	5.7 145	5.7 145	6	10	4000 1814	
	147 3734	93.3 2370	168.1 4270	195.3 4961	5.7 145	5.7 145	6	10	4000 1814	
FV	119.5 3035	77.2 1961	138.8 3526	167.7 4260	56.5 1435	29.2 742	6	10	4000 1814	
	131.5 3340	83.1 2111	150.6 3825	179.5 4559	62.4 1585	35.1 892	6	10	4000 1814	
	139 3531	87 2210	158.5 4026	187.4 4760	66.4 1687	39 991	6	10	4000 1814	
FSV	159 4039	73.2 1859	179.7 4564	207.1 5260	52.8 1341	25.2 640	6	5	4000 1814	
	170.5 4331	77.2 1961	182.7 4641	218.9 5560	56.7 1440	29.2 742	6	5	4000 1814	
	189 4801	83.1 2111	209.4 5319	237.2 6025	62.6 1590	35.1 892	6	5	3750 1701	
	198 5029	87 2210	219.1 5565	246.5 6261	66.5 1689	39 991	6	5	3400 1542	
	218 5537	93.3 2370	238.8 6066	266.1 6759	72.8 1849	45.3 1151	6	5	2400 1089	
	237.5 6033	100.8 2560	258.5 6566	285.8 7259	80.3 2040	52.8 1341	6	5	1650 748	

Note: Height of standard load backrest is 48 in. / 1220 mm

8FGCU20 & 8FGCU25

Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		8FGCU20				8FGCU25			
		Lowered	Extended		Without Load Backrest	With Std. Load Backrest	Tilt Range		Load Capacity at 600mm/24" Load Center		Tilt Range		Load Capacity at 600mm/24" Load Center		
			Without Load Backrest	With Std. Load Backrest											
			FWD	BWD			Narrow Tread	Wide Tread	FWD	BWD	Narrow Tread	Wide Tread			
in. mm	in. mm	in. mm	in. mm	in. mm	in. mm	deg.	deg.	lbs. kg	lbs. kg	deg.	deg.	lbs. kg	lbs. kg		
V	80 2032	57.7 1466	104.3 2649	128.3 3259	6.1 155	6.1 155	6	8	4000 1814	4000 1814	6	8	5000 2268	5000 2268	
	119.5 3035	77.4 1966	143.7 3650	167.7 4260	6.1 155	6.1 155	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	131.5 3340	83.3 2116	155.5 3950	179.5 4559	6.1 155	6.1 155	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	139 3531	87.2 2215	163.4 4150	187.4 4760	6.1 155	6.1 155	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	147 3734	93.5 2375	171.3 4351	195.3 4961	6.1 155	6.1 155	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
FV	159 4039	101 2565	183.1 4651	207.1 5260	6.1 155	6.1 155	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	119.5 3035	77.4 1966	143.3 3640	167.7 4260	53.5 1359	29.4 747	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	131.5 3340	83.3 2116	155.1 3940	179.5 4559	59.4 1509	35.3 897	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	139 3531	87.2 2215	163 4140	187.4 4760	63.4 1610	39.2 996	6	10	4000 1814	4000 1814	6	10	5000 2268	5000 2268	
	159 4039	73.4 1864	119.5 3035	207.1 5260	48 1219	25.4 645	6	5	4000 1814	4000 1814	6	5	5000 2268	5000 2268	
FSV	170.5 4331	77.4 1966	194.5 4940	218.9 5560	52 1321	29.4 747	6	5	4000 1814	4000 1814	6	5	5000 2268	5000 2268	
	189 4801	83.3 2116	212.8 5405	237 6020	57.9 1471	35.3 897	6	5	3950 1792	3950 1792	6	5	5000 2268	5000 2268	
	198 5029	87.2 2215	222 5639	246.5 6261	61.8 1570	39.2 996	6	5	3900 1769	3900 1769	6	5	4600 2086.5	4600 2087	
	218 5537	93.5 2375	241.7 6139	266.1 6759	68.1 1730	45.5 1156	6	5	3550 1610	3800 1724	6	5	3850 1746.3	4550 2064	
	237.5 6033	101 2565	261.4 6640	285.8 7259	75.6 1920	53 1346	6	5	2800 1270	3350 1520	6	5	2400 1088.6	3200 1451	
QFV	240 6096	83 2108	261 6629	288 7315	62 1575	35 889	6	5	2500 1134	2900 1315	6	5	2900 1315.4	3800 1724	
	258 6553	89 2261	279 7087	306 7772	66 1676	39 991	6	5	1750 794	2500 1134	6	5	1950 884.5	2900 1315	
	276 7010	95 2413	297 7544	324 8230	72 1829	45 1143	6	5	950 431	1850 839	6	5	1300 589.7	1950 885	

Note: Height of standard load backrest is 48 in. / 1220 mm

6,000 – 6,500 lbs • 2,722 – 2,948 kgs • Mast Specifications

8GCU30											
Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		Tilt Range		Load Capacity at 600mm/24" Load Center	
		Lowered	Extended		Narrow Tread					Wide Tread	
			Without Load Backrest	With Std Load Backrest		Without Load Backrest	With Std. Load Backrest				
			in. <i>mm</i>	in. <i>mm</i>		in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>	in. <i>mm</i>		deg.
V	80.5 2045	57.5 1461	106.1 2695	128.5 3264	5.3 135	5.3 135	6	8	6000 2722	6000 2722	
	119.5 3035	77.2 1961	145.5 3696	167.9 4265	5.3 135	5.3 135	6	10	6000 2722	6000 2722	
	131.5 3340	83.1 2111	157.3 3995	179.7 4564	5.3 135	5.3 135	6	10	6000 2722	6000 2722	
	139.5 3543	87 2210	165.2 4196	187.6 4765	5.3 135	5.3 135	6	10	6000 2722	6000 2722	
	147 3734	93.3 2370	173 4394	195.5 4966	5.3 135	5.3 135	6	10	6000 2722	6000 2722	
	159 4039	100.8 2560	184.8 4694	207.3 5265	5.3 135	5.3 135	6	10	6000 2722	6000 2722	
FV	119.5 3035	77.2 1961	141.7 3599	167.9 4265	53.5 1359	29.2 742	6	10	6000 2722	6000 2722	
	131.5 3340	83.1 2111	153.5 3899	179.7 4564	59.4 1509	35.1 892	6	10	6000 2722	6000 2722	
	139.5 3543	87 2210	161.4 4100	187.6 4765	63.4 1610	39 991	6	10	6000 2722	6000 2722	
FSV	159 4039	77.2 1961	181.1 4600	207.3 5265	55.1 1400	29.2 742	6	5	6000 2722	6000 2722	
	171 4343	83.1 2111	192.9 4900	219.1 5565	61 1549	35.1 892	6	5	6000 2722	6000 2722	
	187 4750	87 2210	208.7 5301	235 5969	65 1651	39 991	6	5	5900 2676	5900 2676	
	198.5 5042	93.3 2370	220.5 5601	246.7 6266	71.3 1811	45.3 1151	6	5	5850 2654	5850 2654	
	218 5537	100.8 2560	240.2 6101	266.3 6764	78.7 1999	52.8 1341	6	5	5300 2404	5600 2540	
	237.5 6033	110.6 2809	259.8 6599	286 7264	88.6 2250	62.6 1590	6	5	4000 1814	5150 2336	
	240 6096	83 2108	261 6629	288 7315	62 1575	35 889	6	5	3850 1746	4450 2018	
QFV	258 6553	89 2261	279 7087	306 7772	66 1676	39 991	6	5	2650 1202	3250 1474	
	276 7010	95 2413	297 7544	324 8230	72 1829	45 1143	6	5	1650 748	1900 862	

Note: Height of standard load backrest is 48 in. / 1220 mm

8FGCU32

Mast Type	Maximum Fork Height (top of forks)	Overall Height			Free Lift		Tilt Range		Load Capacity at 600mm/24" Load Center	
		Lowered	Extended		Without Load Backrest	With Std. Load Backrest	FWD	BWD	Narrow Tread	Wide Tread
			Without Load Backrest	With Std. Load Backrest						
			in. mm	in. mm						
V	80.5 2045	57.5 1461	106.1 2695	128.5 3264	5.3 135	5.3 135	6	8	6500 2948	6500 2948
	119.5 3035	77.2 1961	145.5 3696	167.9 4265	5.3 135	5.3 135	6	10	6500 2948	6500 2948
	131.5 3340	83.1 2111	157.3 3995	179.7 4564	5.3 135	5.3 135	6	10	6500 2948	6500 2948
	139.5 3543	87 2210	165.2 4196	187.6 4765	5.3 135	5.3 135	6	10	6500 2948	6500 2948
	147 3734	93.3 2370	173 4394	195.5 4966	5.3 135	5.3 135	6	10	6500 2948	6500 2948
	159 4039	100.8 2560	184.8 4694	207.3 5265	5.3 135	5.3 135	6	10	6500 2948	6500 2948
FV	119.5 3035	77.2 1961	146.9 3731	167.9 4265	48.4 1229	29.2 742	6	10	6500 2948	6500 2948
	131.5 3340	83.1 2111	158.7 4031	179.7 4564	54.3 1379	35.1 892	6	10	6500 2948	6500 2948
	139.5 3543	87 2210	166.5 4229	187.6 4765	58.3 1481	39 991	6	10	6500 2948	6500 2948
	159 4039	77.2 1961	186.2 4729	207.3 5265	50 1270	29.2 742	6	5	6500 2948	6500 2948
FSV	171 4343	83.1 2111	198 5029	219.1 5565	55.9 1420	35.1 892	6	5	6500 2948	6500 2948
	187 4750	87 2210	213.8 5431	235 5969	59.8 1519	39 991	6	5	6500 2948	6500 2948
	198.5 5042	93.3 2370	225.6 5730	246.7 6266	66.1 1679	45.3 1151	6	5	6500 2948	6500 2948
	218 5537	100.8 2560	245.3 6231	266.3 6764	73.6 1869	52.8 1341	6	5	5050 2291	6150 2790
QFV	237.5 6033	110.6 2809	265 6731	286 7264	83.5 2121	62.6 1590	6	5	3500 1588	4850 2200
	240 6096	83 2108	261 6629	288 7315	62 1575	35 889	6	5	3750 1701	4200 1905
	258 6553	89 2261	279 7087	306 7772	66 1676	39 991	6	5	2500 1134	3150 1429
	276 7010	95 2413	297 7544	324 8230	72 1829	45 1143	6	5	1400 635	1800 816

3,000 – 6,500 lbs • 1,361 – 2,948 kgs • Standard Features

DURABILITY		
■ Control Area Network (CAN-bus) communication	■ Low maintenance battery	■ Anti-restart ignition key switch
■ Fully-stamped steel side panels	■ Large capacity engine cooling fan	■ Stamped steel engine hood
■ Moisture resistant electric connectors	■ 7" cyclone air cleaner with high positioned external air-intake (6" diameter on 8FGCU15.18.S20)	■ Fully-sealed air-intake system
■ High cooling capacity radiator with fan shroud	■ Plate iron front fenders	■ Self-adjusting brakes
SAFETY		
■ System of Active Stability™ (SAS)	■ Bolt-on overhead guard	■ Neutral engine start safety switch
■ Operator Presense Sensing System (OPSS)	■ Key lowering interlock	■ Asbestos free components
	■ Electric horn	

PERFORMANCE		
■ 2007 EPA/CARB certified engine with closed loop 3-way catalytic muffler system	■ Integrated monitoring system - includes – <i>Digital hour meter display</i> – <i>Engine coolant temperature gauge</i> – <i>Fuel gauge (gasoline only)</i> – <i>Check engine light</i> – <i>Engine oil pressure warning light</i> – <i>Battery charge warning light</i> – <i>OPSS activation light</i> – <i>SAS/OPSS warning light</i>	■ Adjustable headlights with guards
■ Toyota 136 cu. in., 4-cylinder, OHV gasoline engine (4Y-ECS)		■ Foot-activated parking brake
■ Electronic fuel injection (gasoline only)		■ Alternator with built-in regulator
■ UL “G” gasoline engine		■ Transistorized ignition assembly
■ One-way automatic fork leveling		■ Automatic transmission with oil cooler
■ Independent brake & inching pedals		■ Full floating powertrain
■ 2-stage limited free lift mast (V)		■ Hydraulic valve lifters
		■ Integrated head light and turn signal lever
		■ Electric shift control

ERGONOMICS		
■ Dash mounted instrument display	■ Cowl-mount hydraulic control levers with rubber boot covers	■ Dash integrated amenity tray and oversized cup holder
■ 11.8" diameter two-spoke steering wheel	■ Low wide entry steps	■ 4-Way adjustable vinyl full-suspension seat
■ Hydrostatic power steering	■ Low profile front cowl	■ Slim profile, tilt steer column
■ Heavy-duty non-slip rubber floor mat	■ Non-cinching seat belt	
■ 12" long dual operator assist grips		

SERVICEABILITY		
■ Easy access no-tools floorboard	■ Air cleaner discharge valve	■ Dash mounted brake fluid level check
■ Engine hood assist damper with lock device	■ Externally mounted hydraulic oil return filter	■ Easy lift engine hood with wide 75 degree opening

3,000 – 6,500 lbs • 1,361 – 2,948 kgs Optional Equipment

■ Travel Speed/Acceleration Control System	■ EZ-Pedal foot directional control	■ 4-Way adjustable cloth full-suspension seat
■ Multifunction digital display with self-diagnostics	■ Engine shutdown device	■ Combination brake and inching pedal
■ Hydraulic accumulator	■ Plate fin radiator	■ Pre-cleaner for air intake
■ Intelli-Shift	■ Radiator screen	■ Rear-view mirrors
■ Wet disc brake system	■ Fire extinguisher	■ Rear-view mirrors
■ Orange seat belt	■ Front combination lights	■ Wide tread tires
■ Rear assist grip with horn button	■ Steering wheel with knob	■ UL “GS” gasoline model
■ Rust-proof spec	■ Polished and tapered forks	■ 4Y-ECS Hi-Power engine
■ Mini-lever controls with Ergo-Shift	■ Integral and hang-on sideshifters	■ Fuel system configurations with swing out tank bracket and one touch latch system
■ Joystick control with Ergo-Shift	■ Integral sideshifting fork positioner	– <i>UL-LP</i>
■ Swivel seat	■ Bottler’s tilt	– <i>UL-LPS</i>
■ Synchronized steering	■ LPG low-fuel warning light and alarm	– <i>UL-LP/G dual fuel</i>
■ High mount rear combination lights	■ Strobe lights	– <i>UL-CNG/G dual fuel</i>
■ LED rear combination lights	■ Step mounted tool box with cover	■ Swing-down LPG tank bracket
■ Engine protection system	■ Back-up alarms	■ Tilt cylinder boots
■ 12 Volt power supply		

3,000 – 6,500 lbs • 1,361 – 2,948 kgs Truck Specifications

Models			8FGCU15	8FGCU18	8FGCSU20	8FGCU20	8FGCU25	8FGCU30	8FGCU32	
Load Capacity (at 24" Load Center <i>600 mm</i>)			lbs. <i>kg</i>	3000 <i>1361</i>	3500 <i>1588</i>	4000 <i>1814</i>	4000 <i>1814</i>	5000 <i>2268</i>	6000 <i>2722</i>	6500 <i>2948</i>
Body/Frame Construction			Welded steel body and frame							
Steering Type			Hydrostatic power steering							
Brakes			Hydraulic (foot)							
Transmission	Type	Powershift								
	Speeds (fwd/rev)	mph <i>kph</i>	1/1 <i>1.6/1.6</i>							
Toyota Engine	Model	4Y-ECS								
	Type	4 cylinder gasoline								
Piston Displacement		cu. in. <i>cc.</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	136 <i>2228.5</i>	
Rated Horsepower - Net rpm		SAE HP <i>kW</i>	48/2250 <i>36/2250</i>	48/2250 <i>36/2250</i>	48/2250 <i>36/2250</i>	51/2570 <i>38.5/2570</i>	51/2570 <i>38.5/2570</i>	51/2570 <i>38.5/2570</i>	51/2570 <i>38.5/2570</i>	
Rated Torque - Net rpm		SAE ft-lb. <i>N-m</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	118/2100 <i>156/2100</i>	

EXTERIOR DIMENSIONS		8FGCU15	8FGCU18	8FGCSU20	8FGCU20	8FGCU25	8FGCU30	8FGCU32
A	Maximum Fork Height (MFH)	in. <i>mm</i>	131.5 <i>3340</i>	131.5 <i>3340</i>	131.5 <i>3340</i>	131.5 <i>3340</i>	131.5 <i>3340</i>	131.5 <i>3340</i>
B	Mast Lowered Height	in. <i>mm</i>	83.1 <i>2110.7</i>	83.1 <i>2110.7</i>	83.1 <i>2110.7</i>	83.3 <i>2110.7</i>	83.1 <i>2110.7</i>	83.1 <i>2110.7</i>
C	Free Lift	in. <i>mm</i>	5.7 <i>145</i>	5.7 <i>145</i>	5.9 <i>149</i>	6.1 <i>155</i>	6.1 <i>155</i>	5.3 <i>134.6</i>
D	Load Distance*	in. <i>mm</i>	15.7 <i>399</i>	15.7 <i>399</i>	16.3 <i>414</i>	16.7 <i>424</i>	16.7 <i>424</i>	17.7 <i>450</i>
E	Wheelbase	in. <i>mm</i>	48.2 <i>1224</i>	48.2 <i>1224</i>	48.2 <i>1224</i>	58.5	58.5	58.5
F	Fork Size (TxWxL)	in. <i>mm</i>	1.4x4x42 <i>36x101.6x1066.8</i>	1.4x4x42 <i>36x101.6x1066.8</i>	1.6x5x42 <i>41x127x1066.8</i>	1.6x5x42 <i>41x127x1066.8</i>	1.8x5x42 <i>46x127x1066.8</i>	1.8x5x42 <i>46x127x1066.8</i>
G	Length to Fork Face	in. <i>mm</i>	82.3 <i>2090</i>	84.6 <i>2149</i>	86.4 <i>2195</i>	91.2 <i>2316.5</i>	93.7 <i>2380.0</i>	97.4 <i>2474</i>
H	Overhead Guard Height	in. <i>mm</i>	80.1 <i>2035</i>	80.1 <i>2035</i>	80.1 <i>2035</i>	80.7 <i>2050</i>	80.7 <i>2050</i>	80.7 <i>2050</i>
I	Tilt Range (Fwd/Bwd)	deg	6/10	6/10	6/10	6/10	6/10	6/10
J	Outside Turning Radius	in. <i>mm</i>	67.5 <i>1714.5</i>	70 <i>1778.0</i>	71.3 <i>1811</i>	75.6 <i>1920</i>	77.6 <i>1971</i>	80 <i>2032</i>
K	Basic Rt Angle Stacking Aisle Width**	in. <i>mm</i>	83.5 <i>2121</i>	86 <i>2184.4</i>	87.6 <i>2225.0</i>	92.3 <i>2344</i>	94.3 <i>2395</i>	97.5 <i>2477</i>
L	Overall Width	in. <i>mm</i>	37.2 <i>945</i>	37.2 <i>945</i>	37.2 <i>945</i>	41.9 <i>1064.3</i>	41.9 <i>1064.3</i>	43.7 <i>1110</i>
M	Carriage Width	in. <i>mm</i>	32 <i>813</i>	32 <i>813</i>	32 <i>813</i>	36 <i>914</i>	36 <i>914</i>	38 <i>965</i>
N	Std Tread Width (Front/Rear)	in. <i>mm</i>	31.3/32.3 <i>795/820.4</i>	31.3/32.3 <i>795/820.4</i>	31.3/32.3 <i>795/820.4</i>	35.0/36.0 <i>889/914</i>	35.0/36.0 <i>889/914</i>	35.8/36.0 <i>909/914</i>
	Underclearance	Minimum w/ load	in. <i>mm</i>	2.8 <i>71.1</i>	3.0 <i>76</i>	3.0 <i>76</i>	2.9 <i>73.7</i>	2.8 <i>71.1</i>
		Center of W.B.	in. <i>mm</i>	4.3 <i>109</i>	4.3 <i>109</i>	4.3 <i>109</i>	4.3 <i>109</i>	4.3 <i>109</i>

PERFORMANCE DATA										
Maximum Travel Speed	Full Load	Forward	mph <i>km/h</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>
		Reverse	mph <i>km/h</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>
	No Load	Forward	mph <i>km/h</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>
		Reverse	mph <i>km/h</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.9 <i>17.5</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>	10.6 <i>17.1</i>
Lifting Speeds (V mast)	Full Load	fpm <i>mm/sec</i>	110 <i>559</i>	110 <i>559</i>	110 <i>559</i>	124 <i>630</i>	124 <i>630</i>	102 <i>518</i>	102 <i>518</i>	102 <i>518</i>
	No Load	fpm <i>mm/sec</i>	114 <i>579</i>	114 <i>579</i>	114 <i>579</i>	127 <i>645</i>	127 <i>645</i>	108 <i>549</i>	108 <i>549</i>	108 <i>549</i>
Lowering Speeds (V mast)	Full Load	fpm <i>mm/sec</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>
	No Load	fpm <i>mm/sec</i>	108 <i>549</i>	108 <i>549</i>	108 <i>549</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>	98 <i>498</i>
Maximum Drawbar Pull	Full Load	lbs / <i>N</i>	3750 <i>16680.8</i>	3750 <i>16680.8</i>	3750 <i>16680.8</i>	4200 <i>18682.5</i>	4200 <i>18682.5</i>	4200 <i>18682.5</i>	4200 <i>18682.5</i>	4200 <i>18682.5</i>
	No Load	lbs / <i>N</i>	1550 <i>6894.7</i>	1450 <i>6449.9</i>	1450 <i>6449.9</i>	1850 <i>8229.2</i>	1750 <i>7784.4</i>	1750 <i>7784.4</i>	1750 <i>7784.4</i>	1750 <i>7784.4</i>
Maximum Gradeability	Full Load	%	43	40	35	36	31	25	25	25
	No Load	%	20	18	18	21	17	16	16	16

TRUCK WEIGHTS										
Gross Weight (empty)		lb <i>kg</i>	5890 <i>2672</i>	6410 <i>2907.5</i>	6900 <i>3129.8</i>	7130 <i>3234.1</i>	8000 <i>3628.7</i>	9300 <i>4218.4</i>	9700 <i>4399.9</i>	
Weight Distribution	Full Load	Front	lb <i>kg</i>	7810 <i>3543</i>	8560 <i>3882.8</i>	9575 <i>4343.2</i>	9810 <i>4449.7</i>	11310 <i>5130.1</i>	13340 <i>6050.9</i>	14080 <i>6386.6</i>
		Rear	lb <i>kg</i>	1080 <i>490</i>	1350 <i>612.4</i>	1325 <i>601</i>	1320 <i>598.7</i>	1690 <i>766.6</i>	1960 <i>889.0</i>	2120 <i>961.6</i>
	No Load	Front	lb <i>kg</i>	2340 <i>1061</i>	2180 <i>988.8</i>	2200 <i>997.9</i>	3020 <i>1369.9</i>	2820 <i>1279.1</i>	3070 <i>1392.5</i>	2950 <i>1338.1</i>
		Rear	lb <i>kg</i>	3550 <i>1610</i>	4230 <i>1918.7</i>	4700 <i>2131.9</i>	4110 <i>1864.3</i>	5180 <i>2349.6</i>	6230 <i>2825.9</i>	6750 <i>3061.8</i>

FUEL CAPACITY									
Gasoline Fuel Tank	IM gal <i>Litre</i>	5.9 <i>26.9</i>	5.9 <i>26.9</i>	5.9 <i>26.9</i>	9.9 <i>45</i>	9.9 <i>45</i>	9.9 <i>45</i>	9.9 <i>45</i>	9.9 <i>45</i>

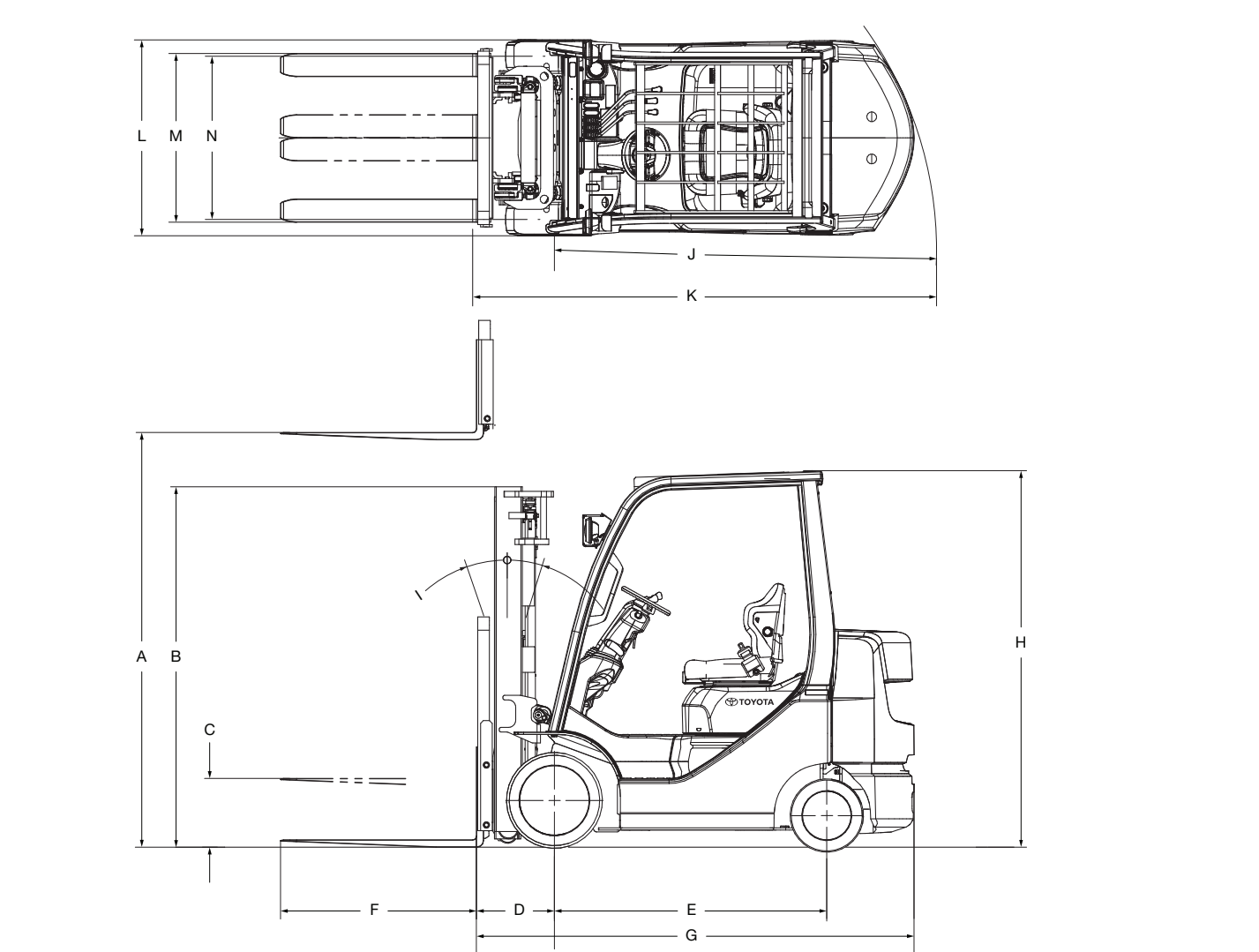
ATTACHMENT									
Auxiliary Function Pressure Relief	psi <i>Mpa</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>	2275 <i>15.6</i>
Auxiliary Function Flow Rate (max)	gpm <i>CFS</i>	16 <i>0.035</i>	16 <i>0.035</i>	16 <i>0.035</i>	20 <i>0.044</i>	20 <i>0.044</i>	20 <i>0.044</i>	20 <i>0.044</i>	20 <i>0.044</i>

TIRES							
Type (front/rear)		Cushion/Cushion					
Size	Drive (Front)	18x6x12-1/8			21x7x15		21x8x15
	Steer (Rear)	14x4-1/2x8		14x5x10	16x5x10-1/2		16x6x10-1/2

* Centerline of front axle to front face of forks

** Add load length and clearance

3,000 – 6,500 lbs • 1,361 – 2,948 kgs Truck Dimensions



8FGCU25 model shown above

3,000 – 3,500 lbs • 1,361 – 1,588 kgs Mast Specifications

8FGCU15 & 8FGCU18														
Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		8FGCU15				8FGCU18		
		Lowered	Extended		Without Load Backrest			With Std. Load Backrest	Tilt Range		Load Capacity at 600mm/24"		Tilt Range	
			Without Load Backrest	With Std. Load Backrest		Narrow Tread	Wide Tread							
			FWD	BWD		Narrow Tread	Wide Tread		FWD	BWD				
in. mm	in. mm	in. mm	in. mm	in. mm	in. mm	deg.	deg.	lbs. kg	lbs. kg	deg.	deg.	lbs. kg		
V	80 2032	57.5 1461	101.2 2570	126.8 3221	5.7 145	5.7 145	6	5	3000 1361	3000 1361	6	5	3500 1588	
	119 3023	77.2 1961	140.6 3571	167.5 4255	5.7 145	5.7 145	6	10	3000 1361	3000 1361	6	10	3500 1588	
	131 3327	83.1 2111	152.4 3871	179.3 4554	5.7 145	5.7 145	6	10	3000 1361	3000 1361	6	10	3500 1588	
	139 3531	87 2210	164.2 4171	187.2 4755	5.7 145	5.7 145	6	10	3000 1361	3000 1361	6	10	3500 1588	
	147 3734	93.3 2370	168.1 4270	195.1 4956	5.7 145	5.7 145	6	10	3000 1361	3000 1361	6	10	3500 1588	
FV	119 3023	77.2 1961	138.8 3526	167.5 4255	56.5 1435	29.2 742	6	10	3000 1361	3000 1361	6	10	3500 1588	
	131 3327	83.1 2111	150.6 3825	179.3 4554	62.4 1585	35.1 892	6	10	3000 1361	3000 1361	6	10	3500 1588	
	139 3531	87 2210	158.5 4026	187.2 4755	66.4 1687	39 991	6	10	3000 1361	3000 1361	6	10	3500 1588	
FSV	158.5 4026	73.2 1859	179.7 4564	206.9 5255	52.8 1341	25.2 640	6	5	3000 1361	3000 1361	6	5	3500 1588	
	170.5 4331	77.2 1961	191.5 4864	218.7 5555	56.7 1440	29.2 742	6	5	3000 1361	3000 1361	6	5	3500 1588	
	189 4801	83.1 2111	209.4 5319	237 6020	62.6 1590	35.1 892	6	5	2950 1338	2950 1338	6	5	3250 1474.2	
	198 5029	87 2210	219.1 5565	246.3 6256	66.5 1689	39 991	6	5	2850 1293	2850 1293	6	5	3200 1451.5	
	217.5 5525	93.3 2370	238.8 6066	265.9 6754	72.8 1849	45.3 1151	6	5	2300 1043	2750 1293	6	5	2800 1267.1	
	237.5 6033	100.8 2560	258.5 6566	286.5 7254	80.3 2040	52.8 1341	6	5	1550 703	2200 998	6	5	1700 771.1	