

STANDARD EQUIPMENT



FGZN20.25.30

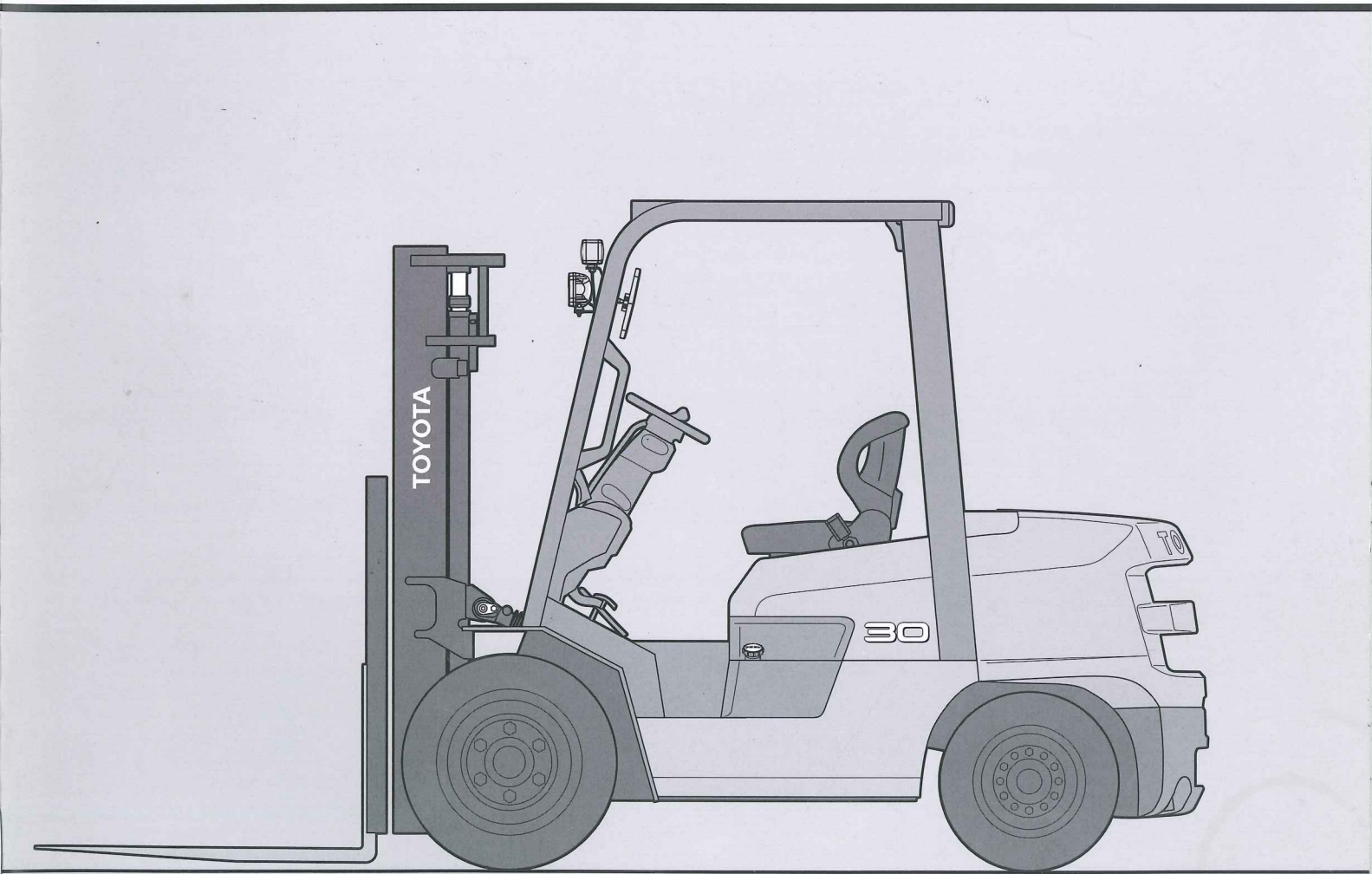
- Wide Visible Mast (V) [MFH:3000mm]
- Load backrest
[Height 1210mm (FGZN/FDZN20, 25)
1215mm (FGZN/FDZN30)]
- Easy-down system (V mast)
- Key-Lift Interlock
- Alternator with IC regulator
- 7" cyclone air cleaner with snorkel air intake
- Radiator reservoir tank
- Double-action parking brake
- Neutral safety switch
- Electric shift control
- Full hydraulic power steering
- Overhead guard
- Tilt steering column
- Engine hood damper (lockable)
- Jack point
- Drawbar pin
- Headlights
- Integrated light & Turn signal switch
- Hour meter
- Engine water temperature indication
- All-time fuel meter
- Engine oil pressure warning light
- Charge warning light
- Electric horn

FDZN20.25.30

- Wide Visible Mast (V) [MFH:3000mm]
- Load backrest
[Height 1210mm (FGZN/FDZN20, 25)
1215mm (FGZN/FDZN30)]
- Easy-down system (V mast)
- Key-Lift Interlock
- Alternator with IC regulator
- Super glow control system
- Pre-heat indicator light
- Sedimenter
- Sedimenter warning light
- 7" cyclone air cleaner with snorkel air intake
- Radiator reservoir tank
- Double-action parking brake
- Neutral safety switch
- Electric shift control
- Full hydraulic power steering
- Overhead guard
- Tilt steering column
- Engine hood damper (lockable)
- Jack point
- Drawbar pin
- Headlights
- Integrated light & Turn signal switch
- Hour meter
- Engine water temperature indication
- All-time fuel meter
- Engine oil pressure warning light
- Charge warning light
- Electric horn

ENGINE POWERED FORKLIFT

FGZN/FDZN 2.0 to 3.0 Ton Series



Availability and specifications are determined regionally and are subject to change without notice.
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TOYOTA MATERIAL HANDLING INTERNATIONAL

S.S.FGZN/FDZN20-30 (E) /E-1109/©/Printed in Japan/No.720710E0/1,000



2,000 kg



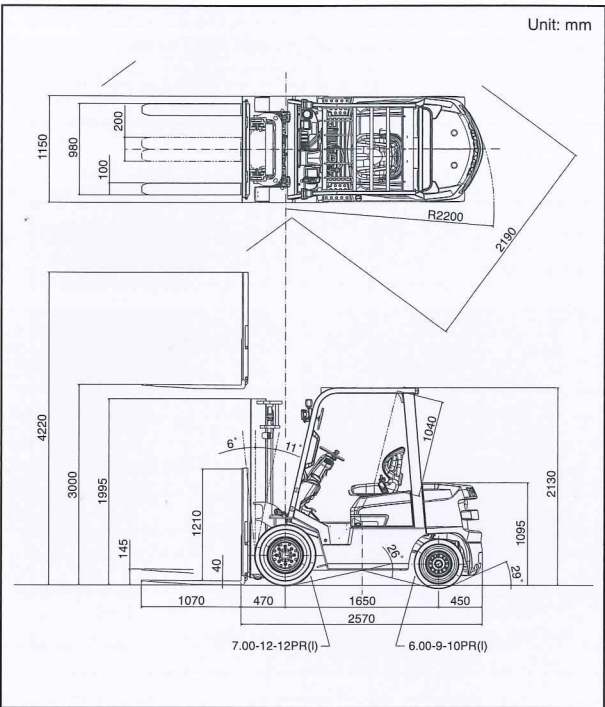
FGZN/FDZN20

MAIN VEHICLE SPECIFICATIONS

Characteristics	1	Manufacturer				TOYOTA	TOYOTA	1
	2	Model				FGZN20	FDZN20	2
	3	Load Capacity			kg	2000	2000	3
	4	Load Center			mm	500	500	4
	5	Power Type				Gasoline	Diesel	5
	6	Operator Position				Rider Seated	Rider Seated	6
	7	Tire Type	Front/Rear			Pneumatic	Pneumatic	7
	8	Wheels (x = driven)	Front/Rear			2x/2	2x/2	8
Dimensions	9	Maximum Fork Height (MFH)			mm	3000	3000	9
	10	Free Lift			mm	145	145	10
	13	Fork Size	T x W x L	mm	40/100/1070	40/100/1070	13	
		Fork Spread (Outside)	MAX./MIN.	mm	980/210	980/210		
	14	Tilt Range	FWD/BWD	deg	6-11	6-11	14	
	15	Length to Fork Face			mm	2570	2570	15
	16	Overall Width			mm	1150	1150	16
	17	Mast Lowered Height			mm	1995	1995	17
	18	Mast Extended Height			mm	4220	4220	18
	19	Overhead Guard Height			mm	2130	2130	19
	21	Turning Radius (Outside)			mm	2200	2200	21
	22	Load Distance (Centerline of front axle to front face of forks)			mm	470	470	22
		Rear Overhang			mm	450	450	
	23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2670	2670	23
	Performance	24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	15.5/15.5	15.5/15.5
		No Load		km/h	16.0/16.0	16.0/16.0		
Lifting		Full Load		mm/sec	490	510		
		No Load		mm/sec	520	525		
Lowering		Full Load	mm/sec	500	500			
		No Load	mm/sec	500	500			
28		Max. Drawbar Pull		Full Load	N <kg>	15800<1610>	18000<1840>	28
				No Load	N <kg>	8500<870>	8500<870>	
		Max. Drawbar Pull at 1.5 km/h *		Full Load	N <kg>	14400<1470>	16400<1670>	
29		Gradeability at 1.5 km/h *		Full Load	% (tanθ)	29	33	29
30	Max. Gradeability *		Full Load	% (tanθ)	32	37	30	
			No Load	% (tanθ)	21	21		
Weight	32	Total Weight			kg	3315	3375	32
	33	Weight Distribution	Full Load	Front	kg	4725	4750	33
	Rear			kg	590	625		
	34		No Load	Front	kg	1550	1575	
Rear	kg			1765	1800	34		
Wheels and Tires	35		Number	Front/Rear		2/2	2/2	35
	36	Tires	Size	Front		7.00-12-12PR(I)	7.00-12-12PR(I)	36
	37			Rear		6.00-9-10PR(I)	6.00-9-10PR(I)	37
	38	Wheelbase			mm	1650	1650	38
	39	Tread		Front	mm	960	960	39
	Rear			mm	965	965		
		Backrest Height			mm	1210	1210	
		Overhead Guard Clearance			mm	1040	1040	
		Counterweight Height			mm	1095	1095	
		Drawbar Pin Center Height			mm	420	420	
		Step Height/Floor Height			mm	440/685	440/685	
	40	Underclearance (Full load)	Min. <Mast>	mm	90	90	40	
	41		Center of Wheelbase	mm	165	165	41	
		Grade Clearance	Frame/Counterweight	% (tanθ)	58/64	58/64		
	42	Brake	Service (Foot)		Hydraulic	Hydraulic	42	
43	Parking			Hand	Hand	43		
Drive Unit and Control	45	Battery	Voltage/Capacity (5HR)		V/AH	12/27	12/55	45
	49	Internal Combustion Engine	Make/Model			TOYOTA 4Y	TOYOTA 1DZ-II	49
	50		Rated Power/r.p.m.		kW (JIS ps)	30/2000 (41/2000)	35/2200 (48/2200)	50
	51		Rated Torque/r.p.m.		N-m (JIS kg-m)	153/1600 (15.6/1600)	156/2100 (15.9/2100)	51
	52		Number of Cylinder			4	4	
			Piston Displacement		cc	2237	2486	52
	55	Transmission	Fuel Tank Capacity		liter	60	60	
	Type			Powershift	Powershift			
		Stage	FWD/RVS		1/1	1/1	55	
57	Operating Pressure	For Attachments		Mpa	15.7	15.7	57	

NOTE: * Computed values.

DIMENSIONAL DRAWINGS



UNDERCLEARANCE		mm
Mast (Full Load)		90
Drive Axle (Full Load)		130
Steer Axle (No Load)		160
Center of Wheelbase (Full Load)		165
Counterweight (No Load)		130

RATED CAPACITIES

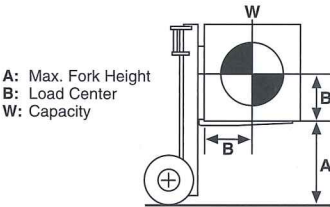
Unit: kg (W)

V Mast (PN or PSC)		3000	3500	4000	4500	5000
A (mm)	500	2000	2000	2000	1850	1750 [1800]
	600	1810	1810	1810	1670	1580 [1630]
	700	1650	1650	1650	1530	1450 [1490]
	800	1520	1520	1520	1410	1330 [1370]
	900	1410	1410	1410	1310	1240 [1270]
	1000	1320	1320	1320	1220	1150 [1180]
	1100	1230	1230	1230	1140	1080 [1110]
	1200	1160	1160	1160	1070	1010 [1040]
	1300	1090	1090	1090	1010	960 [980]

[] for Pneumatic-Shaped Cushion Tire.

FV Mast (PN or PSC)

A (mm)	3000	3500
500	2000	2000
600	1810	1810
700	1650	1650
800	1520	1520
900	1410	1410
1000	1320	1320
1100	1230	1230
1200	1160	1160
1300	1090	1090



FSV Mast (PN or PSC)

A (mm)	4300	4500	4700	5000	5500	6000
500	1900	1850	1850	1350 [1500]	1100 [1250]	750 [900]
600	1720	1680	1680	1220 [1360]	990 [1130]	680 [810]
700	1580	1530	1530	1120 [1240]	910 [1030]	620 [740]
800	1450	1410	1410	1030 [1150]	840 [950]	570 [690]
900	1350	1310	1310	960 [1060]	780 [890]	530 [640]
1000	1260	1220	1220	890 [990]	730 [830]	490 [590]
1100	1180	1150	1150	840 [930]	680 [770]	460 [560]
1200	1110	1080	1080	790 [870]	640 [730]	430 [520]
1300	1050	1020	1020	740 [820]	600 [690]	410 [490]

[] for Pneumatic-Shaped Cushion Tire.

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire			
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC	
			Without Load Backrest	With Standard Load Backrest						
	FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire						
mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	
Wide Visible Mast (V)	3000	1995	3670	4220	145	145	6	11	2000	2000
	3500	2245	4170	4720	145	145	6	11	2000	2000
	4000	2595	4670	5220	145	145	6	11	2000	2000
	4500	2845	5170	5720	145	145	6	6	1850	1850
	5000	3095	5670	6220	145	145	6	6	1750	1800
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1995	3605	4220	1390	775	6	11	2000	2000
	3500	2245	4105	4720	1640	1020	6	11	2000	2000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	4300	1995	4865	5520	1430	775	6	6	1900	1900
	4500	2065	5065	5720	1500	845	6	6	1850	1850
	4700	2145	5265	5920	1580	925	6	6	1850	1850
	5000	2245	5565	6220	1680	1025	6	6	1450	1500
	5500	2405	6065	6720	1840	1185	6	6	1100	1250
	6000	2595	6565	7220	2030	1375	6	6	750	900

NOTE: Height of standard load backrest is 1210 mm.

2,500 kg



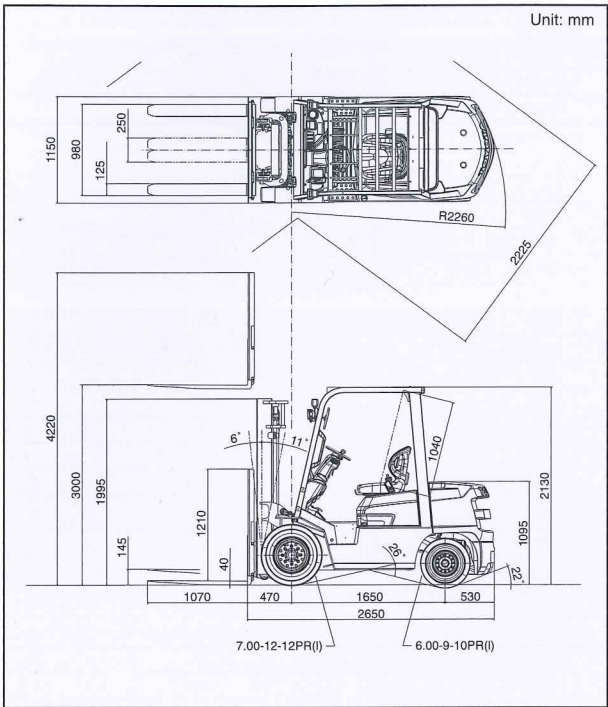
FGZN/FDZN25

MAIN VEHICLE SPECIFICATIONS

Characteristics	1	Manufacturer				TOYOTA	TOYOTA	1		
	2	Model				FGZN25	FDZN25	2		
	3	Load Capacity			kg	2500	2500	3		
	4	Load Center			mm	500	500	4		
	5	Power Type				Gasoline	Diesel	5		
	6	Operator Position				Rider Seated	Rider Seated	6		
	7	Tire Type	Front/Rear			Pneumatic	Pneumatic	7		
	8	Wheels (x = driven)	Front/Rear			2x/2	2x/2	8		
Dimensions	9	Maximum Fork Height (MFH)			mm	3000	3000	9		
	10	Free Lift			mm	145	145	10		
	13	Fork Size	T x W x L	mm	40/125/1070	40/125/1070	13			
		Fork Spread (Outside)	MAX./MIN.	mm	980/260	980/260				
	14	Tilt Range	FWD/BWD	deg	6-11	6-11	14			
	15	Length to Fork Face			mm	2650	2650	15		
	16	Overall Width			mm	1150	1150	16		
	17	Mast Lowered Height			mm	1995	1995	17		
	18	Mast Extended Height			mm	4220	4220	18		
	19	Overhead Guard Height			mm	2130	2130	19		
	21	Turning Radius (Outside)			mm	2260	2260	21		
	22	Load Distance (Centerline of front axle to front face of forks)			mm	470	470	22		
		Rear Overhang			mm	530	530			
	23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2730	2730	23		
	Performance	24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	15.5/15.5	15.5/15.5	24	
		No Load		km/h	16.0/16.0	16.0/16.0				
Lifting		Full Load		mm/sec	490	510	25			
		No Load		mm/sec	520	525				
Lowering		Full Load		mm/sec	500	500	26			
		No Load		mm/sec	500	500				
28		Max. Drawbar Pull		Full Load	N <kg>	15700<1600>	17900<1830>	28		
				No Load	N <kg>	8000<820>	8000<820>			
		Max. Drawbar Pull at 1.5 km/h *		Full Load	N <kg>	14300<1460>	16200<1650>			
29		Gradeability at 1.5 km/h *		Full Load	% (tanθ)	25	28	29		
30	Max. Gradeability *		Full Load	% (tanθ)	27	31	30			
			No Load	% (tanθ)	18	18				
Weight	32	Total Weight			kg	3490	3550	32		
	33	Weight Distribution	Full Load	Front	kg	5315	5335	33		
	Rear			kg	675	715				
	34		No Load	Front	kg	1345	1370	34		
	Rear			kg	2145	2185				
Wheels and Tires	35	Tires	Number	Front/Rear		2/2	2/2	35		
	Size		Front		7.00-12-12PR(I)	7.00-12-12PR(I)	36			
			Rear		6.00-9-10PR(I)	6.00-9-10PR(I)	37			
	38	Wheelbase			mm	1650	1650	38		
	39	Tread		Front	mm	960	960	39		
		Rear	mm	965	965					
		Backrest Height			mm	1210	1210			
		Overhead Guard Clearance			mm	1040	1040			
		Counterweight Height			mm	1095	1095			
		Drawbar Pin Center Height			mm	415	415			
		Step Height/Floor Height			mm	440/685	440/685			
	40	Underclearance (Full load)	Min. <Mast>		mm	90	90	40		
	Center of Wheelbase			mm	165	165	41			
		Grade Clearance	Frame/Counterweight		% (tanθ)	58/49	58/49			
	42	Brake	Service (Foot)			Hydraulic	Hydraulic	42		
	43		Parking			Hand	Hand	43		
	Drive Unit and Control	45	Battery			Voltage/Capacity (5HR)	V/AH	12/27	12/55	45
		49	Internal Combustion Engine	Make/Model				TOYOTA 4Y	TOYOTA 1DZ-II	49
		50		Rated Power/r.p.m.			kW (JIS ps)	30/2000 (41/2000)	35/2200<48/2200>	50
51		Rated Torque/r.p.m.			N-m (JIS kg-m)	153/1600 (15.6/1600)	156/2100<15.9/2100>	51		
		Number of Cylinder				4	4			
52		Piston Displacement			cc	2237	2486	52		
		Fuel Tank Capacity			liter	60	60			
55		Transmission	Type				Powershift	Powershift	55	
	Stage		FWD/RVS			1/1	1/1			
	57	Operating Pressure	For Attachments		Mpa	15.7	15.7	57		

NOTE: * Computed values.

DIMENSIONAL DRAWINGS



UNDERCLEARANCE		mm
Mast (Full Load)		90
Drive Axle (Full Load)		130
Steer Axle (No Load)		160
Center of Wheelbase (Full Load)		165
Counterweight (No Load)		130

RATED CAPACITIES

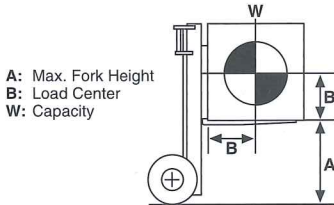
Unit: kg (W)

V Mast (PN or PSC)		3000	3500	4000	4500	5000
A (mm)	500	2500	2500	2500	2050 [2200]	1600 [1750]
	600	2260	2260	2260	1850 [1990]	1450 [1580]
	700	2070	2070	2070	1700 [1820]	1320 [1450]
	800	1910	1910	1910	1560 [1680]	1220 [1330]
	900	1770	1770	1770	1450 [1550]	1130 [1240]
	1000	1650	1650	1650	1350 [1450]	1050 [1150]
	1100	1540	1540	1540	1260 [1360]	980 [1080]
	1200	1450	1450	1450	1190 [1270]	930 [1010]
B (mm)	1300	1370	1370	1370	1120 [1200]	870 [960]

[] for Pneumatic-Shaped Cushion Tire.

FV Mast (PN or PSC)

FV Mast (PN or PSC)		3000	3500
A (mm)	500	2500	2500
	600	2260	2260
	700	2070	2070
	800	1910	1910
	900	1770	1770
	1000	1650	1650
	1100	1540	1540
	1200	1450	1450
B (mm)	1300	1370	1370



FSV Mast (PN or PSC)

FSV Mast (PN or PSC)		4300	4500	4700	5000	5500	6000
A (mm)	500	2300	2000	2000	1400 [1550]	1150 [1300]	800 [950]
	600	2080	1810	1810	1270 [1400]	1040 [1180]	720 [860]
	700	1910	1660	1660	1160 [1280]	950 [1080]	660 [790]
	800	1760	1530	1530	1070 [1180]	880 [990]	610 [720]
	900	1630	1420	1420	990 [1100]	810 [920]	560 [670]
	1000	1520	1320	1320	930 [1020]	760 [860]	530 [630]
	1100	1430	1240	1240	870 [960]	710 [800]	490 [590]
	1200	1340	1170	1170	820 [900]	670 [760]	460 [550]
B (mm)	1300	1270	1100	1100	770 [850]	630 [710]	440 [520]

[] for Pneumatic-Shaped Cushion Tire.

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire			
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC	
			Without Load Backrest	With Standard Load Backrest						
	FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cusion Tire						
mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	
Wide Visible Mast (V)	3000	1995	3670	4220	145	145	6	11	2500	2500
	3500	2245	4170	4720	145	145	6	11	2500	2500
	4000	2595	4670	5220	145	145	6	11	2500	2500
	4500	2845	5170	5720	145	145	6	6	2050	2200
	5000	3095	5670	6220	145	145	6	6	1600	1750
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1995	3605	4220	1390	775	6	11	2500	2500
	3500	2245	4105	4720	1640	1020	6	11	2500	2500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	4300	1995	4865	5520	1430	775	6	6	2300	2300
	4500	2065	5065	5720	1500	845	6	6	2000	2000
	4700	2145	5265	5920	1580	925	6	6	2000	2000
	5000	2245	5565	6220	1680	1025	6	6	1400	1550
	5500	2405	6065	6720	1840	1185	6	6	1150	1300
	6000	2595	6565	7220	2030	1375	6	6	800	950

NOTE: Height of standard load backrest is 1210 mm.

3,000 kg

ICHI VIETNAM

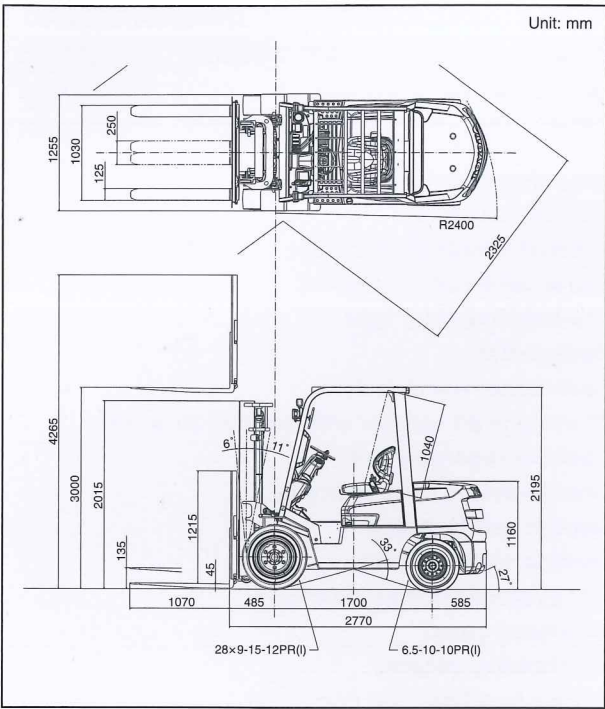
FGZN/FDZN30

MAIN VEHICLE SPECIFICATIONS

Characteristics	1	Manufacturer			TOYOTA	TOYOTA	1
	2	Model			FGZN30	FDZN30	2
	3	Load Capacity		kg	3000	3000	3
	4	Load Center		mm	500	500	4
	5	Power Type			Gasoline	Diesel	5
	6	Operator Position			Rider Seated	Rider Seated	6
	7	Tire Type	Front/Rear		Pneumatic	Pneumatic	7
	8	Wheels (x = driven)	Front/Rear		2x/2	2x/2	8
Dimensions	9	Maximum Fork Height (MFH)		mm	3000	3000	9
	10	Free Lift		mm	135	135	10
	13	Fork Size	T x W x L	mm	45/125/1070	45/125/1070	13
		Fork Spread (Outside)	MAX./MIN.	mm	1030/260	1030/260	
	14	Tilt Range	FWD/BWD	deg	6-11	6-11	14
	15	Length to Fork Face		mm	2770	2770	15
	16	Overall Width		mm	1255	1255	16
	17	Mast Lowered Height		mm	2015	2015	17
	18	Mast Extended Height		mm	4265	4265	18
	19	Overhead Guard Height		mm	2195	2195	19
	21	Turning Radius (Outside)		mm	2400	2400	21
	22	Load Distance (Centerline of front axle to front face of forks)		mm	485	485	22
		Rear Overhang		mm	585	585	
	23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2895	2895	23
Performance	24		Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	24
				No Load	km/h	15.0/15.0	
	25	Speeds	Lifting	Full Load	mm/sec	390	25
				No Load	mm/sec	410	
	26		Lowering	Full Load	mm/sec	500	26
				No Load	mm/sec	500	
	28	Max. Drawbar Pull		Full Load	N <kg>	16500<1680>	28
				No Load	N <kg>	9000<920>	
		Max. Drawbar Pull at 1.5 km/h *		Full Load	N <kg>	14900<1520>	
	29	Gradeability at 1.5 km/h *		Full Load	% (tanθ)	21	29
Weight	30	Max. Gradeability *		Full Load	% (tanθ)	24	30
				No Load	% (tanθ)	19	
	32	Total Weight			kg	4165	32
	33	Weight Distribution	Full Load	Front	kg	6285	33
				Rear	kg	880	
Wheels and Tires	34		No Load	Front	kg	1560	34
				Rear	kg	2605	
	35	Tires		Number	Front/Rear	2/2	35
	36	Size	Front			28x9-15-12PR(I)	36
	37		Rear			6.5-10-10PR(I)	37
	38	Wheelbase		mm		1700	38
	39	Tread	Front	mm		1010	39
			Rear	mm		965	
		Backrest Height		mm		1215	
		Overhead Guard Clearance		mm		1040	
		Counterweight Height		mm		1160	
		Drawbar Pin Center Height		mm		450	
		Step Height/Floor Height		mm		495/740	
	40	Underclearance	Min. <Mast>	mm		95	40
	41	(Full load)	Center of Wheelbase	mm		220	41
			Frame/Counterweight	% (tanθ)		73/60	
Drive Unit and Control	42	Brake		Service (Foot)		Hydraulic	42
	43			Parking		Hand	43
	45	Battery		Voltage/Capacity (5HR)	V/AH	12/27	45
	49			Make/Model		TOYOTA 4Y	49
	50	Internal Combustion Engine	Rated Power/r.p.m.	kW (JIS ps)		30/2000<41/2000>	50
	51		Rated Torque/r.p.m.	N-m (JIS kg-m)		153/1600<15.6/1600>	51
			Number of Cylinder			4	
	52		Piston Displacement	cc		2237	52
		Transmission	Fuel Tank Capacity	liter		60	
	55		Type			Powershift	
		Stage	FWD/RVS			1/1	55
	57	Operating Pressure		For Attachments	Mpa	15.7	57

NOTE: * Computed values.

DIMENSIONAL DRAWINGS



UNDERCLEARANCE

Mast (Full Load).....	95
Drive Axle (Full Load).....	125
Steer Axle (No Load).....	180
Center of Wheelbase (Full Load).....	220
Counterweight (No Load).....	180

RATED CAPACITIES

Unit: kg (W)

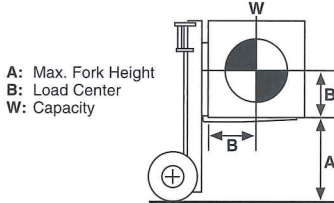
V Mast (PN or PSC)

A (mm)	3000	3500	4000	4500	5000
500	3000	3000	3000	2900	2500 [2650]
600	2720	2720	2720	2630	2260 [2400]
700	2490	2490	2490	2410	2070 [2200]
800	2290	2290	2290	2220	1910 [2030]
900	2130	2130	2130	2060	1770 [1880]
1000	1980	1980	1980	1920	1650 [1750]
1100	1860	1860	1860	1800	1550 [1640]
1200	1750	1750	1750	1690	1460 [1540]
1300	1650	1650	1650	1600	1370 [1460]

[] for Pneumatic-Shaped Cushion Tire.

FW Mast (PN or PSC)

A (mm)	3000	3500
500	3000	3000
600	2720	2720
700	2490	2490
800	2290	2290
900	2130	2130
1000	1980	1980
1100	1860	1860
1200	1750	1750
1300	1650	1650



FSV Mast (PN or PSC)

A (mm)	4300	4500	4700	5000	5500	6000
500	2850	2800	2800	2500 [2650]	1800 [1950]	1400 [1550]
600	2580	2540	2540	2270 [2400]	1630 [1770]	1270 [1400]
700	2370	2330	2330	2080 [2200]	1490 [1620]	1160 [1290]
800	2180	2150	2150	1920 [2030]	1380 [1490]	1070 [1190]
900	2030	1990	1990	1780 [1890]	1280 [1390]	990 [1100]
1000	1890	1860	1860	1660 [1760]	1190 [1290]	930 [1030]
1100	1770	1740	1740	1550 [1650]	1120 [1210]	870 [960]
1200	1670	1640	1640	1460 [1550]	1050 [1140]	820 [900]
1300	1570	1550	1550	1380 [1460]	990 [1080]	770 [850]

[] for Pneumatic-Shaped Cushion Tire.

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height		Free Lift		Tilt Range		Single Tire	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest					
	mm	mm	mm	mm	mm	mm	deg	deg	kg
Wide Visible Mast (V)	3000	2015	3765	4265	135	135	6	11	3000
	3500	2265	4265	4765	135	135	6	11	3000
	4000	2615	4765	5265	135	135	6	11	3000
	4500	2865	5265	5765	135	135	6	6	2900
	5000	3115	5765	6265	135	135	6	6	2500
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	2015	3660	4265	1400	795	6	11	3000
	3500	2265	4160	4765	1650	1045	6	11	3000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	4300	2165	4960	5565	1550	945	6	6	2850
	4500	2215	5160	5765	1600	995	6	6	2800
	4700	2265	5360	5965	1650	1045	6	6	2800
	5000	2425	5660	6265	1810	1205	6	6	2500
	5500	2615	6160	6765	2000	1395	6	6	1800
	6000	2865	6660	7265	2250	1645	6	6	1400

NOTE: Height of standard load backrest is 1215 mm.