

8FG10

8FD10



8FD25

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FG10	62-8FD10
3	Load Capacity	kg		1000	1000
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		140	140
13	Fork Size	T x W x L	mm	30x100x1070	30x100x1070
	Fork Spread (Outside)	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	7/10	7/10
15	Length to Fork Face	mm		2240	2240
16	Overall Width	mm		1045	1045
17	Mast Lowered Height	mm		1970	1970
18	Mast Extended Height	mm		4220	4220
19	Overhead Guard Height	mm		2080	2080
21	Turning Radius (Outside)	mm		1910	1910
22	Load Distance (Centerline of front axle to front face of forks)	mm		400	400
	Rear Overhang	mm		355	355
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2310	2310
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5
			No Load	km/h	19.0/19.0
25		Lifting	Full Load	mm/sec	610
			No Load	mm/sec	660
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
28	Max. Drawbar Pull		Full Load	N (kg)	19500 (1990)
			No Load	N (kg)	6800 (690)
	Max. Drawbar Pull at 1.5km/h *		Full Load	N (kg)	17300 (1760)
29	Gradeability at 1.5 km/h *		Full Load	% (tanθ)	45
			Full Load	% (tanθ)	45
30			No Load	% (tanθ)	28
32	Total Weight			kg	2070
33	Weight Distribution	Full Load	Front	kg	2670
			Rear	kg	400
34		No Load	Front	kg	1060
			Rear	kg	1010
35	Tires	Number	Front/Rear		2/2
36		Size	Front	6.00-9-10PR (I)	6.00-9-10PR (I)
37			Rear	5.00-8-8PR (I)	5.00-8-8PR (I)
38	Wheelbase		mm	1485	1485
39	Tread	Front	mm	885	885
		Rear	mm	895	895
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1070	1070
	Drawbar Pin Center Height		mm	285	285
	Step Height/Floor Height		mm	370/605	370/605
40	Underclearance	Min. <Mast>	mm	80	80
41	(Full Load)	Center of Wheelbase	mm	110	110
	Grade Clearance	Frame/Counterweight	% (tanθ)	41/58	41/58
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II[1DZ-III] ** <1DZ-III>***
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	40(55)/2400[38(52)/2400]<36(49)/2400>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2300] <150(15.3)/2000>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	45	45

55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	11.8 (120)	11.8 (120)

NOTE: * Computed values.

** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

*** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III, IV) / UN ECE Regulation NO.96 (Output category K: 19≤P<37).

SPECIAL MAST

(January 2016)

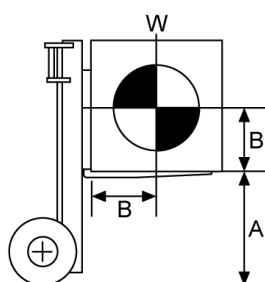
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FG10	8FD10 <36kW>	8FG10	8FD10 <36kW>
Type of Mast				FV		FSV	
PERFORMANCE							
Speeds	Lifting	Full Load	mm/sec	565	600<580>	570	620<590>
		No Load	mm/sec	610	640<610>	615	650<630>
	Lowering	Full Load	mm/sec	480		480	
		No Load	mm/sec	420		450	
DIMENSIONS							
Load Distance (Centerline of front axle to front face of forks)			mm	400		420	

RATED CAPACITIES

(April 2009)

8FG/8FD10



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN or PSC)

Unit: kg (W)

A (mm)		4000	4500	5000
B (mm)	500	1000	950	950
	600	900	850	850
	700	810	770	770
	800	750	710	710
	900	690	650	650
	1000	640	610	610
	1100	600	570	570
	1200	560	530	530

FSV Mast (PN)

Unit: kg (W)

A (mm)		3700	4000	4300	4500	4700	5000	5500	6000	6500	7000
B (mm)	500	950	900	900	900	900	850	850	700 [800]	— [700]	— [650]
	600	850	810	810	810	810	760	760	630 [720]	— [630]	— [580]
	700	780	740	740	740	740	690	690	570 [650]	— [570]	— [530]
	800	710	670	670	670	670	640	640	520 [600]	— [520]	— [490]
	900	660	620	620	620	620	590	590	480 [550]	— [480]	— [450]
	1000	610	580	580	580	580	550	550	450 [510]	— [450]	— [420]
	1100	570	540	540	540	540	510	510	420 [480]	— [420]	— [390]
	1200	540	510	510	510	510	480	480	390 [450]	— [390]	— [370]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)		6000
B (mm)	500	800
	600	720
	700	650
	800	600
	900	550
	1000	510
	1100	480
	1200	450

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD10

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg
V	2700	1820*	3150**	3920	140	140	7	10	1000	1000	7	10	1000
	3000	1970*	3450**	4220	140	140	7	10	1000	1000	7	10	1000
	3300	2120*	3750**	4520	140	140	7	10	1000	1000	7	10	1000
	3500	2220*	3950**	4720	140	140	7	10	1000	1000	7	10	1000
	3700	2380*	4150**	4920	140	140	7	10	1000	1000	7	10	1000
	4000	2570*	4450**	5220	140	140	7	10	1000	1000	7	10	1000
	4500	2820*	4950**	5720	140	140	7	5	950	950	7	10	950
FV	5000	3070*	5450**	6220	140	140	7	5	950	950	7	5	950
	2870***	1905*	3440	4090	1335*	685*	7	10	1000	1000	7	10	1000
	3000	1970*	3570	4220	1400*	750*	7	10	1000	1000	7	10	1000
	3300	2120*	3870	4520	1550*	900*	7	10	1000	1000	7	10	1000
	3500	2220*	4070	4720	1650*	1000*	7	10	1000	1000	7	10	1000
	3700	2380*	4270	4920	1810*	1160*	7	10	1000	1000	7	10	1000
	4000	2570*	4570	5220	2000*	1350*	7	10	1000	1000	7	10	1000
FSV	3700	1770*	4240	4920	1230*	550*	7	5	950	950	7	5	950
	4000	1870*	4540	5220	1330*	650*	7	5	900	900	7	5	900
	4300	1970*	4840	5520	1430*	750*	7	5	900	900	7	5	900
	4500	2040*	5040	5720	1500*	820*	7	5	900	900	7	5	900
	4700	2120*	5240	5920	1580*	900*	7	5	900	900	7	5	900
	5000	2220*	5540	6220	1680*	1000*	7	5	850	850	7	5	850
	5500	2380*	6040	6720	1840*	1160*	7	5	850	850	7	5	850
	6000	2570*	6540	7220	2030*	1350*	7	5	700	800	7	5	800
	6500	2820*	7040	7720	2280*	1600*	—	—	—	—	7	5	700
	7000	3070*	7540	8220	2530*	1850*	—	—	—	—	7	5	650

NOTE: Height of standard load backrest is 1220 mm.

* with optional tire size; 6.50-10-10PR (I), plus 25 mm.

** with A4 piping, plus 155 mm.

*** Set only to a Russian specification.

8FG15

8FD15

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FG15	62-8FD15
3	Load Capacity	kg		1500	1500
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		145	145
13	Fork Size	T x W x L	mm	35x100x1070	35x100x1070
	Fork Spread (Outside)	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face		mm	2285	2285
16	Overall Width		mm	1070	1070
17	Mast Lowered Height		mm	1995	1995
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2080	2080
21	Turning Radius (Outside)		mm	1990	1990
22	Load Distance (Centerline of front axle to front face of forks)		mm	405	405
	Rear Overhang		mm	395	395
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2395	2395
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5
			No Load	km/h	19.0/19.0
25		Lifting	Full Load	mm/sec	610
			No Load	mm/sec	660
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
28	Max. Drawbar Pull	Full Load	N (kg)	17500 (1790)	17600(1790) <16600 (1690)>
			No Load	N (kg)	7000 (710) <7000 (710)>
		Full Load	N (kg)	15700 (1600)	16000(1630) <14400(1470)>
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	45	45<42>
30	Max. Gradeability *	Full Load	% (tanθ)	45	45<45>
		No Load	% (tanθ)	22	22<22>
32	Total Weight		kg	2430	2530
33	Weight Distribution	Full Load	Front	kg	3430
			Rear	kg	500
34		No Load	Front	kg	1010
			Rear	kg	1420
35	Tires	Number	Front/Rear	2/2	2/2
36		Size	Front	6.50-10-10PR (I)	6.50-10-10PR (I)
37			Rear	5.00-8-8PR (I)	5.00-8-8PR (I)
38	Wheelbase		mm	1485	1485
39	Tread	Front	mm	885	885
		Rear	mm	895	895
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1065	1065
	Drawbar Pin Center Height		mm	285	285
	Step Height/Floor Height		mm	395/635	395/635
40	Underclearance	Min. <Mast>	mm	100	100
41	(Full Load)	Center of Wheelbase	mm	115	115
	Grade Clearance	Frame/Counterweight	% (tanθ)	46/46	46/46
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] ** <1DZ-III>***
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	40 (55) /2400 [38 (52) /2400] <36(49)/2400>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2300] <150(15.3)/2000>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	45	45

55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	11.8 (120)	11.8 (120)

NOTE: * Computed values.

** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

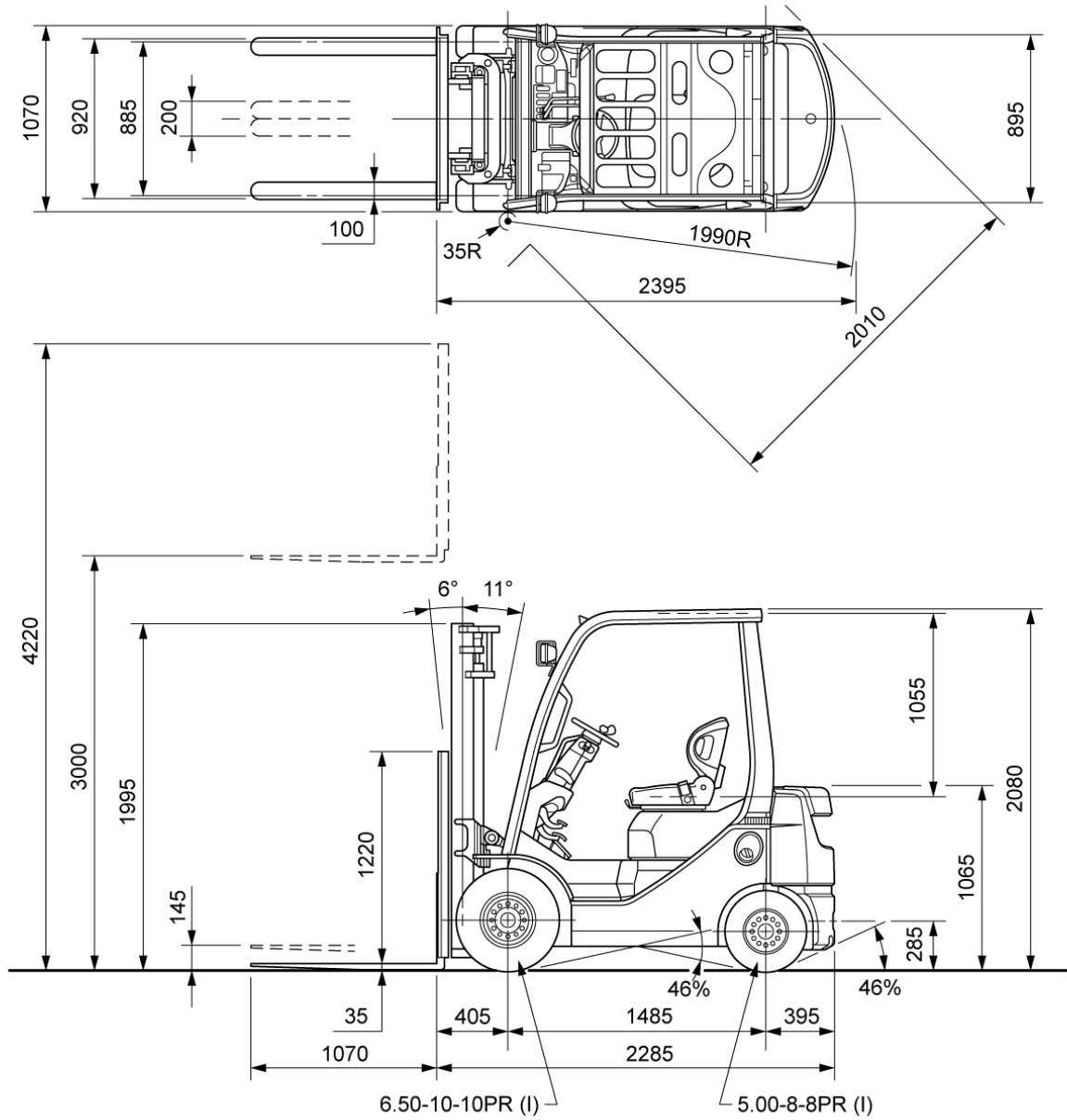
*** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III, IV) / UN ECE Regulation NO.96 (Output category K: 19≤P<37).

DIMENSIONAL DRAWINGS

(February 2011)

Unit: mm

8FG/8FD15



UNDERCLEARANCE

Mast (Full Load)	100
Drive Axle (Full Load)	105
Steer Axle (No Load)	120
Center of Wheelbase (Full Load)	115
Counterweight (No Load)	120

SPECIAL TREAD

(February 2011)

Model		8FG/8FD15		
Front Tire	Single/Dual	Single	Single	Dual
Front Tire Size		6.50-10-10PR (I)	21x8-9-10PR (I)	4.50-12-8PR (I)
Overall Width	mm	1070	1110	1290
Tread, Front	mm	885	920	1010

SPECIAL MAST

(January 2016)

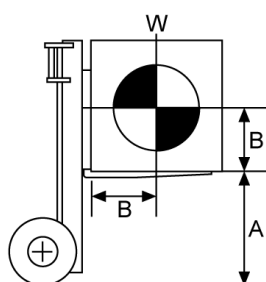
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FG15	8FD15<36kW>	8FG15	8FD15<36kW>
Type of Mast				FV		FSV	
PERFORMANCE							
Speeds	Lifting	Full Load	mm/sec	565	600<580>	570	620<590>
		No Load	mm/sec	610	640<610>	615	650<630>
	Lowering	Full Load	mm/sec	480		480	
		No Load	mm/sec	420		450	
DIMENSIONS							
Load Distance (Centerline of front axle to front face of forks)			mm	405		425	

RATED CAPACITIES

(April 2009)

8FG/8FD15



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN or PSC)

Unit: kg (W)

A (mm)	4000	4500	5000
500	1500	1450	1300
600	1350	1300	1170
700	1220	1180	1060
800	1120	1090	970
900	1040	1000	900
1000	960	930	830
1100	900	870	780
1200	840	810	730

FSV Mast (PN)

Unit: kg (W)

A (mm)	4300	4500	4700	5000	5500	6000	6500	7000
500	1400	1350	1350	1250 [1300]	950 [1250]	700 [1100]	— [900]	— [650]
600	1260	1210	1210	1120 [1170]	850 [1120]	630 [990]	— [810]	— [580]
700	1150	1110	1110	1020 [1060]	780 [1020]	570 [900]	— [740]	— [530]
800	1050	1020	1020	940 [980]	710 [940]	520 [830]	— [680]	— [490]
900	970	940	940	870 [900]	660 [870]	480 [760]	— [620]	— [450]
1000	910	870	870	810 [840]	610 [810]	450 [710]	— [580]	— [420]
1100	850	820	820	750 [790]	570 [750]	420 [660]	— [540]	— [390]
1200	790	770	770	710 [740]	540 [710]	390 [620]	— [510]	— [370]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)	5000	5500	6000
500	1300	1050	800
600	1170	940	720
700	1060	860	650
800	980	790	600
900	900	730	550
1000	840	680	520
1100	790	630	480
1200	740	590	450

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD15

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg
V	2700	1845	3150*	3920	145	145	6	11	1500	1500	7	10	1500
	3000	1995	3450*	4220	145	145	6	11	1500	1500	7	10	1500
	3300	2145	3750*	4520	145	145	6	11	1500	1500	7	10	1500
	3500	2245	3950*	4720	145	145	6	11	1500	1500	7	10	1500
	3700	2405	4150*	4920	145	145	6	11	1500	1500	7	10	1500
	4000	2595	4450*	5220	145	145	6	11	1500	1500	7	10	1500
	4500	2845	4950*	5720	145	145	6	6	1450	1450	7	10	1450
FV	5000	3095	5450*	6220	145	145	6	6	1300	1300	7	5	1300
	2870***	1930	3440	4090	1365	715	6	11	1500	1500	7	10	1500
	3000	1995	3570	4220	1430	780	6	11	1500	1500	7	10	1500
	3300	2145	3870	4520	1580	930	6	11	1500	1500	7	10	1500
	3500	2245	4070	4720	1680	1030	6	11	1500	1500	7	10	1500
	3700	2405	4270	4920	1840	1190	6	11	1500	1500	7	10	1500
	4000	2595	4570	5220	2030	1380	6	11	1500	1500	7	10	1500
FSV	3700	1795	4240	4920	1260	580	6	6	1400	1400	7	5	1400
	4000	1895	4540	5220	1360	680	6	6	1400	1400	7	5	1400
	4300	1995	4840	5520	1460	780	6	6	1400	1400	7	5	1400
	4500	2065	5040	5720	1530	850	6	6	1350	1350	7	5	1350
	4700	2145	5240	5920	1610	930	6	6	1350	1350	7	5	1350
	5000	2245	5540	6220	1710	1030	6	6	1250	1300	7	5	1300
	5500	2405	6040	6720	1870	1190	6	6	950	1050	7	5	1250
	6000	2595	6540	7220	2060	1380	6	6	700	800	7	5	1100
	6500	2845	7040	7720	2310	1630	—	—	—	—	7	5	900
	7000	3095	7540	8220	2560	1880	—	—	—	—	7	5	650

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, plus 155 mm.

** Set only to a Russian specification.

8FG18

8FD18

MAIN VEHICLE SPECIFICATIONS

(February 2019)

1	Manufacturer				TOYOTA	TOYOTA	
2	Model				32-8FG18	62-8FD18	
3	Load Capacity			kg	1750	1750	
4	Load Center			mm	500	500	
5	Power Type				Gasoline	Diesel	
6	Operator Position				Rider Seated	Rider Seated	
7	Tire Type	Front/Rear			Pneumatic	Pneumatic	
8	Wheels (x = driven)	Front/Rear			2x/2	2x/2	
9	Maximum Fork Height (MFH)			mm	3000	3000	
10	Free Lift			mm	145	145	
13	Fork Size	T x W x L	mm		35x100x1070	35x100x1070	
	Fork Spread (Outside)	MAX./MIN.	mm		920/200	920/200	
14	Tilt Range	FWD/BWD	deg		6/11	6/11	
15	Length to Fork Face			mm	2310	2310	
16	Overall Width			mm	1070	1070	
17	Mast Lowered Height			mm	1995	1995	
18	Mast Extended Height			mm	4220	4220	
19	Overhead Guard Height			mm	2080	2080	
21	Turning Radius (Outside)			mm	2010	2010	
22	Load Distance (Centerline of front axle to front face of forks)			mm	405	405	
	Rear Overhang			mm	420	420	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2415	2415	
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5	19.0/19.0	19.0/19.0<18.0/18.0 >
No Load			km/h	19.0/19.0	19.5/19.5	19.5/19.5<18.5/18.5 >	
Lifting		Full Load	mm/sec	610	650	650<650>	
		No Load	mm/sec	660	675	675<675>	
Lowering		Full Load	mm/sec	500	500	500<500>	
		No Load	mm/sec	550	550	550<550>	
28	Max. Drawbar Pull		Full Load	N (kg)	17500 (1790)	17600 (1790)	17600(1790)<16600 (1690)>
No Load			N (kg)	6300 (640)	6300 (640)	6300 (640)<6300(640)>	
	Max. Drawbar Pull at 1.5km/h *		Full Load	N (kg)	15600 (1590)	16000 (1630)	16000(1630)<14400 (1470)>
29	Gradeability at 1.5 km/h *		Full Load	% (tanθ)	40	40	40<37>
30	Max. Gradeability *		Full Load	% (tanθ)	45	44	44<41>
No Load			% (tanθ)	20	20	20<20>	
32	Total Weight			kg	2610	2710	
33	Weight Distribution	Full Load	Front	kg	3790	3910	
Rear			kg	570	550		
34		No Load	Front	kg	970	1090	
Rear			kg	1640	1620		
35	Tires	Number	Front/Rear		2/2	2/2	
36		Size	Front		6.50-10-10PR (I)	6.50-10-10PR (I)	
37			Rear		5.00-8-8PR (I)	5.00-8-8PR (I)	
38	Wheelbase			mm	1485	1485	
39	Tread		Front	mm	885	885	
Rear			mm	895	895		
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1055	1055	
	Counterweight Height			mm	1060	1060	
	Drawbar Pin Center Height			mm	285	285	
	Step Height/Floor Height			mm	395/635	395/635	
40	Underclearance	Min. <Mast>	mm		100	100	
41	(Full Load)	Center of Wheelbase	mm		115	115	
	Grade Clearance	Frame/Counterweight	% (tanθ)		46/42	46/42	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	
43		Parking			Foot	Foot	
45	Battery	Voltage/Capacity (5HR)	V/AH		12/27	12/55	
49	Internal Combustion Engine	Make/Model			TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] ** <1DZ-III>***	
50		Rated Power/r.p.m.	kW (JIS ps)		40/2400 (54/2400)	40 (55) /2400 [38 (52) /2400]<36(49)/2400>	
51		Rated Torque/r.p.m.	N-m (JIS kg-m)		162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2300]<150(15.3)/2000>	
52		Number of Cylinder			4	4	
		Piston Displacement	cc		2237	2486	
		Fuel Tank Capacity	liter		45	45	
55	Transmission	Type			Powershift	Powershift	
		Stage	FWD/RVS		1/1	1/1	

57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	11.8 (120)	11.8 (120)
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NOTE: * Computed values.

** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

*** 1DZ-III:Non-road Mobile Machinery (GB20891-2014; StageIII,IV) / UN ECE Regulation NO.96 (Output category K:19≤P<37).

SPECIAL MAST

(January 2016)

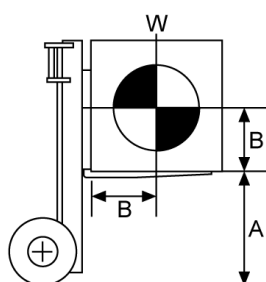
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FG18	8FD18<36kW>	8FG18	8FD18<36kW>
Type of Mast				FV		FSV	
PERFORMANCE							
Speeds	Lifting	Full Load	mm/sec	565	600<580>	570	620<590>
		No Load	mm/sec	610	640<610>	615	650<630>
	Lowering	Full Load	mm/sec	480		480	
		No Load	mm/sec	420		450	
DIMENSIONS							
Load Distance (Centerline of front axle to front face of forks)			mm	405		425	

RATED CAPACITIES

(April 2009)

8FG/8FD18



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN or PSC)

Unit: kg (W)

A (mm)	3700	4000	4500	5000
500	1750	1700	1600	1550
600	1570	1530	1440	1390
700	1430	1390	1310	1270
800	1310	1270	1200	1160
900	1210	1180	1110	1070
1000	1120	1090	1030	1000
1100	1050	1020	960	930
1200	980	960	900	870

FSV Mast (PN)

Unit: kg (W)

A (mm)	4000	4300	4500	4700	5000	5500	6000	6500	7000
500	1600	1550	1500	1500	1450	1100 [1400]	850 [1200]	— [850]	— [600]
600	1440	1390	1350	1350	1300	990 [1260]	760 [1080]	— [760]	— [540]
700	1310	1270	1230	1230	1190	900 [1150]	690 [980]	— [690]	— [490]
800	1200	1170	1130	1130	1090	830 [1050]	640 [900]	— [640]	— [450]
900	1110	1080	1040	1040	1010	760 [970]	590 [830]	— [590]	— [410]
1000	1040	1000	970	970	940	710 [910]	550 [780]	— [550]	— [390]
1100	970	940	910	910	880	660 [850]	510 [720]	— [510]	— [360]
1200	910	880	850	850	820	620 [790]	480 [680]	— [480]	— [340]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)	5500	6000
500	1200	950
600	1080	850
700	980	780
800	900	710
900	830	660
1000	780	610
1100	720	570
1200	680	540

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD18

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg	
V	2700	1845	3330*	3920	145	145	6	11	1750	1750	7	10	1750
	3000	1995	3630*	4220	145	145	6	11	1750	1750	7	10	1750
	3300	2145	3930*	4520	145	145	6	11	1750	1750	7	10	1750
	3500	2245	4130*	4720	145	145	6	11	1750	1750	7	10	1750
	3700	2405	4330*	4920	145	145	6	11	1750	1750	7	10	1750
	4000	2595	4630*	5220	145	145	6	11	1700	1700	7	10	1700
	4500	2845	5130*	5720	145	145	6	6	1600	1600	7	10	1600
	5000	3095	5630*	6220	145	145	6	6	1550	1550	7	5	1550
FV	2870***	1930	3440	4090	1365	715	6	11	1750	1750	7	10	1750
	3000	1995	3570	4220	1430	780	6	11	1750	1750	7	10	1750
	3300	2145	3870	4520	1580	930	6	11	1750	1750	7	10	1750
	3500	2245	4070	4720	1680	1030	6	11	1750	1750	7	10	1750
	3700	2405	4270	4920	1840	1190	6	11	1750	1750	7	10	1750
	4000	2595	4570	5220	2030	1380	6	11	1700	1700	7	10	1700
FSV	3700	1795	4240	4920	1260	580	6	6	1600	1600	7	5	1600
	4000	1895	4540	5220	1360	680	6	6	1600	1600	7	5	1600
	4300	1995	4840	5520	1460	780	6	6	1550	1550	7	5	1550
	4500	2065	5040	5720	1530	850	6	6	1500	1500	7	5	1500
	4700	2145	5240	5920	1610	930	6	6	1500	1500	7	5	1500
	5000	2245	5540	6220	1710	1030	6	6	1450	1450	7	5	1450
	5500	2405	6040	6720	1870	1190	6	6	1100	1200	7	5	1400
	6000	2595	6540	7220	2060	1380	6	6	850	950	7	5	1200
	6500	2845	7040	7720	2310	1630	—	—	—	—	7	5	850
	7000	3095	7540	8220	2560	1880	—	—	—	—	7	5	600

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, minus 15 mm.

** Set only to a Russian specification.

8FGK20

8FDK20

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FGK20	62-8FDK20
3	Load Capacity	kg		2000	2000
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		125	125
13	Fork Size	T x W x L	mm	38x120x1070	38x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	7/10	7/10
15	Length to Fork Face		mm	2360	2360
16	Overall Width		mm	1155	1155
17	Mast Lowered Height		mm	1975	1975
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2085	2085
21	Turning Radius (Outside)		mm	2040	2040
22	Load Distance (Centerline of front axle to front face of forks)		mm	420 (430) **	420 (430) **
	Rear Overhang		mm	455	455
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2460	2460
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	17.0/17.0
			No Load	km/h	17.5/17.5
25		Lifting	Full Load	mm/sec	600
			No Load	mm/sec	600
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
28	Max. Drawbar Pull	Full Load	N (kg)	19000 (1940)	19500 (1990)
		No Load	N (kg)	7800 (800)	7800 (800)
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	17400 (1770)	17500 (1780)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	35	34
		Full Load	% (tanθ)	39	38
30	Max. Gradeability *	No Load	% (tanθ)	20	20
32	Total Weight		kg	3110	3180
33	Weight Distribution	Full Load	Front	kg	4440
			Rear	kg	700
34		No Load	Front	kg	1140
			Rear	kg	2000
35	Tires	Number	Front/Rear	2/2	2/2
36		Size	Front	21x8-9-14PR (I)	21x8-9-14PR (I)
37			Rear	18x7-8-10PR (I)	18x7-8-10PR (I)
38	Wheelbase		mm	1485	1485
39	Tread	Front	mm	960	960
		Rear	mm	940	940
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1215	1215
	Drawbar Pin Center Height		mm	285	285
	Step Height/Floor Height		mm	380/615	380/615
40	Underclearance	Min. <Mast>	mm	80	80
41	(Full Load)	Center of Wheelbase	mm	105	105
	Grade Clearance	Frame/Counterweight	% (tanθ)	40/38	40/38
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II ***
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	40/2400 (55/2400)
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167/1600 (17.0/1600)
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	55	55
55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)

NOTE: * Computed values.

** Number shown in () is when the forkbar width is other than 1020 mm.

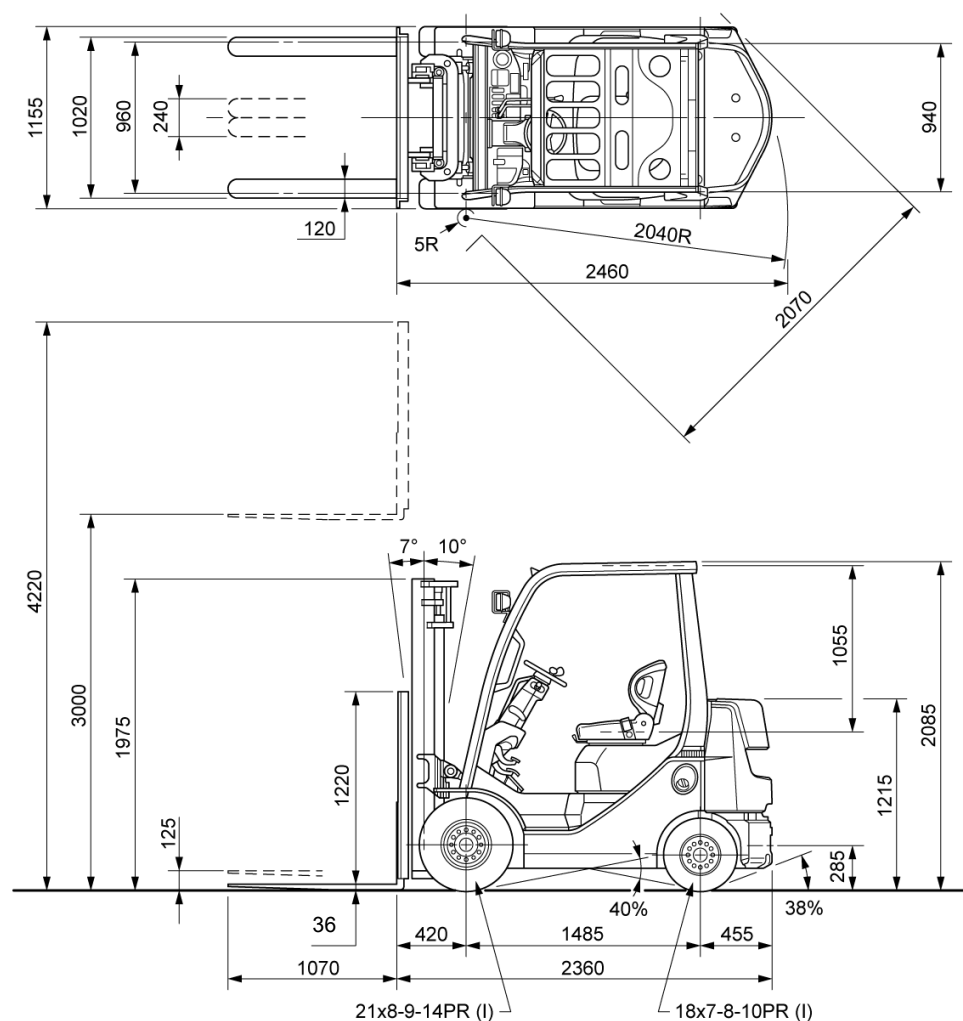
*** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

DIMENSIONAL DRAWINGS

(December 2016)

Unit: mm

8FGK/8FDK20



UNDERCLEARANCE

Mast (Full Load).....	80
Drive Axle (Full Load).....	85
Steer Axle (No Load).....	130
Center of Wheelbase (Full Load).....	105
Counterweight (No Load).....	125

SPECIAL MAST

(February 2011)

Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FGK20	8FDK20	8FGK20	8FDK20
Type of Mast				FV		FSV	
PERFORMANCE							
Speeds	Lifting	Full Load	mm/sec	560	550	560	550
		No Load	mm/sec	600	585	600	575
	Lowering	Full Load	mm/sec	480		480	
		No Load	mm/sec	420		450	

DIMENSIONS

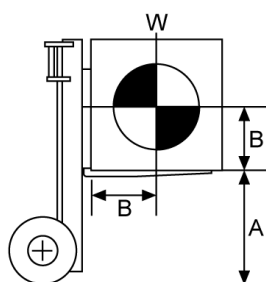
Load Distance (Centerline of front axle to front face of forks)	mm	430	450 (455) *
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NOTE: * Number shown in () is when the forkbar width is other than 1020 mm.

RATED CAPACITIES

(April 2009)

8FGK/8FDK20



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2000	1850
	600	1800	1760
	700	1640	1520
	800	1510	1400
	900	1400	1290
	1000	1300	1200
	1100	1220	1120
	1200	1140	1060

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2000	2000
	600	1800	1800
	700	1640	1640
	800	1510	1510
	900	1400	1400
	1000	1300	1300
	1100	1220	1220
	1200	1140	1140

FSV Mast (PN)

Unit: kg (W)

A (mm)		3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	500	2000	1950	1900	1850	1850	1450	1200	850
	600	1810	1760	1720	1670	1670	1310	1080	760
	700	1650	1610	1570	1530	1530	1200	990	700
	800	1520	1480	1440	1400	1400	1100	910	640
	900	1410	1370	1340	1300	1300	1020	840	600
	1000	1310	1280	1240	1210	1210	950	780	550
	1100	1230	1200	1160	1130	1130	890	730	520
	1200	1150	1120	1090	1060	1060	830	690	490

FSV Mast (PSC)

Unit: kg (W)

A (mm)		4700	5000	5500	6000
B (mm)	500	2000	1600	1350	1000
	600	1810	1440	1220	900
	700	1650	1320	1110	820
	800	1520	1210	1020	760
	900	1410	1120	950	700
	1000	1310	1050	880	650
	1100	1230	980	830	610
	1200	1150	920	780	570

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2020)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FGK/8FDK20

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
V	2700	1825	3375	3920	125	125	7	10	2000	2000
	3000	1975	3675	4220	125	125	7	10	2000	2000
	3300	2125	3975	4520	125	125	7	10	2000	2000
	3500	2225	4175	4720	125	125	7	10	2000	2000
	3700	2385	4375	4920	125	125	7	10	2000	2000
	4000	2575	4675	5220	125	125	7	10	2000	2000
	4500	2825	5175	5720	125	125	7	5	1950	2000
FV	5000	3075	5675	6220	125	125	7	5	1850	2000
	3000	1975	3610	4220	1365	760	7	10	2000	2000
	3300	2125	3910	4520	1515	910	7	10	2000	2000
	3500	2225	4110	4720	1615	1010	7	10	2000	2000
	3700	2385	4310	4920	1775	1170	7	10	2000	2000
	4000	2575	4610	5220	1965	1360	7	10	2000	2000
	3700	1775	4350	4920	1125	560	7	5	2000	2000
FSV	4000	1875	4650	5220	1225	660	7	5	1950	2000
	4300	1975	4950	5520	1325	760	7	5	1900	2000
	4500	2045	5150	5720	1395	830	7	5	1850	2000
	4700	2125	5350	5920	1475	910	7	5	1850	2000
	5000	2225	5650	6220	1575	1010	7	5	1450	1600
	5500	2385	6150	6720	1735	1170	7	5	1200	1350
	6000	2575	6650	7220	1925	1360	7	5	850	1000

NOTE: Height of standard load backrest is 1220 mm.

8FG20

8FD20

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FG20	62-8FD20
3	Load Capacity	kg		2000	2000
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		150	150
13	Fork Size	T x W x L	mm	38x120x1070	38x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face	mm		2550	2550
16	Overall Width	mm		1150	1150
17	Mast Lowered Height	mm		1995	1995
18	Mast Extended Height	mm		4220	4220
19	Overhead Guard Height	mm		2110	2110
21	Turning Radius (Outside)	mm		2200	2200
22	Load Distance (Centerline of front axle to front face of forks)	mm		445 (455) **	445 (455) **
	Rear Overhang	mm		455	455
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2645	2645
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0 <17.0/17.0>
			No Load	km/h	19.5/19.5 <17.5/17.5>
25		Lifting	Full Load	mm/sec	600 615<560>
			No Load	mm/sec	640 655<600>
26		Lowering	Full Load	mm/sec	500 500<500>
			No Load	mm/sec	550 500<500>
28	Max. Drawbar Pull	Full Load	N (kg)	18700 (1910)	18600 (1900) <17400(1770)>
			No Load	N (kg)	9100 (930) <9100 (930)>
		Full Load	N (kg)	17200 (1750)	16900 (1720) <15000(1530)>
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	37	32<32>
30	Max. Gradeability *	Full Load	% (tanθ)	41	36<36>
		No Load	% (tanθ)	22	22<22>
32	Total Weight	kg		3250	3290
33	Weight Distribution	Full Load	Front	kg	4580
			Rear	kg	670
34		No Load	Front	kg	1410
			Rear	kg	1840
35	Tires	Number	Front/Rear	2/2	2/2
36		Size	Front	7.00-12-12PR (I)	7.00-12-12PR (I)
37			Rear	6.00-9-10PR (I)	6.00-9-10PR (I)
38	Wheelbase	mm		1650	1650
39	Tread	Front	mm	960	960
		Rear	mm	965	965
	Backrest Height	mm		1220	1220
	Overhead Guard Clearance	mm		1055	1055
	Counterweight Height	mm		1095	1095
	Drawbar Pin Floor Height	mm		310	310
	Step Height/Floor Height	mm		435/675	435/675
40	Underclearance	Min. <Mast>	mm	95	95
41	(Full Load)	Center of Wheelbase	mm	140	140
	Grade Clearance	Frame/Counterweight	% (tanθ)	51/49	51/49
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] *** <1DZ-III>****
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	44 (60) /2600 [41 (55) /2500] <36(49)/2400>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2500] <150(15.3)/2000>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
	Transmission	Fuel Tank Capacity	liter	60	60
		Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1

57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)
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NOTE: * Computed values.

** Number shown in () is when the forkbar width is other than 1020 mm.

*** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

**** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III, IV) / UN ECE Regulation NO.96 (Output category K:19≤P<37).

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA	
2	Model			72-8FD20	82-8FD20	22-8FD20
3	Load Capacity	kg		2000	2000	
4	Load Center	mm		500	500	
5	Power Type			Diesel	Diesel	
6	Operator Position			Rider Seated	Rider Seated	
7	Tire Type	Front/Rear		Pneumatic	Pneumatic	
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2	
9	Maximum Fork Height (MFH)	mm		3000	3000	
10	Free Lift	mm		150	150	
13	Fork Size	T x W x L	mm	38x120x1070	38x120x1070	
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240	
14	Tilt Range	FWD/BWD	deg	6/11	6/11	
15	Length to Fork Face	mm		2550	2550	
16	Overall Width	mm		1150	1150	
17	Mast Lowered Height	mm		1995	1995	
18	Mast Extended Height	mm		4220	4220	
19	Overhead Guard Height	mm		2110	2110	
21	Turning Radius (Outside)	mm		2200	2200	
22	Load Distance (Centerline of front axle to front face of forks)	mm		445 (455) **	445 (455) **	
	Rear Overhang	mm		455	455	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2645	2645	
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0	
			No Load	km/h	19.5/19.5	
		Lifting	Full Load	mm/sec	650	615
			No Load	mm/sec	675	655
25	Lowering	Full Load	mm/sec	500	500	
		No Load	mm/sec	500	500	
28	Max. Drawbar Pull	Full Load	N (kg)	20000 (2040)	20000 (2040)	19200 (1960)
		No Load	N (kg)	9200 (940)	9200 (940)	9100 (930)
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	17500 (1780)	17500 (1780)	17200 (1760)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	34	34	
30	Max. Gradeability *	Full Load	% (tanθ)	38	38	
		No Load	% (tanθ)	22	22	
32	Total Weight	kg		3340	3340	3310
33	Weight Distribution	Full Load	Front	kg	4620	4610
			Rear	kg	720	700
		No Load	Front	kg	1450	1440
			Rear	kg	1890	1870
35	Number	Front/Rear		2/2	2/2	
36	Tires	Front		7.00-12-12PR (I)	7.00-12-12PR (I)	
37	Size	Rear		6.00-9-10PR (I)	6.00-9-10PR (I)	
38	Wheelbase	mm		1650	1650	
39	Tread	Front	mm	960	960	
		Rear	mm	965	965	
	Backrest Height	mm		1220	1220	
	Overhead Guard Clearance	mm		1055	1055	
	Counterweight Height	mm		1095	1095	
	Drawbar Pin Center Height	mm		310	310	
	Step Height/Floor Height	mm		435/675	435/675	
40	Underclearance	Min. <Mast>	mm	95	95	
41	(Full Load)	Center of Wheelbase	mm	140	140	
	Grade Clearance	Frame/Counterweight	% (tanθ)	51/49	51/49	
42	Brake	Service (Foot)		Hydraulic	Hydraulic	
43	Parking			Foot	Foot	
45	Battery	Voltage/Capacity (5HR)	V/AH	12/64	12/70	12/76
49	Make/Model			TOYOTA/2Z ***	TOYOTA/3Z	TOYOTA/1ZS
50	Rated Power/r.p.m.	kW (JIS ps)		49/2200 (66/2200)	42/2200 (57/2200)	41/2200 (56/2200)
51	Rated Torque/r.p.m.	N-m (JIS kg-m)		216/1600 (22.0/1600)	200/1600 (20.4/1600)	
52	Internal Combustion Engine	Number of Cylinder		4	4	3
		Piston Displacement	cc	3469	3469	1795
		Fuel Tank Capacity	liter	60	60	
		Type		Powershift	Powershift	
55	Transmission	Stage	FWD/RVS	1/1	1/1	
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)	

NOTE: * Computed values.

** Number shown in () is when the forkbar width is other than 1020 mm.

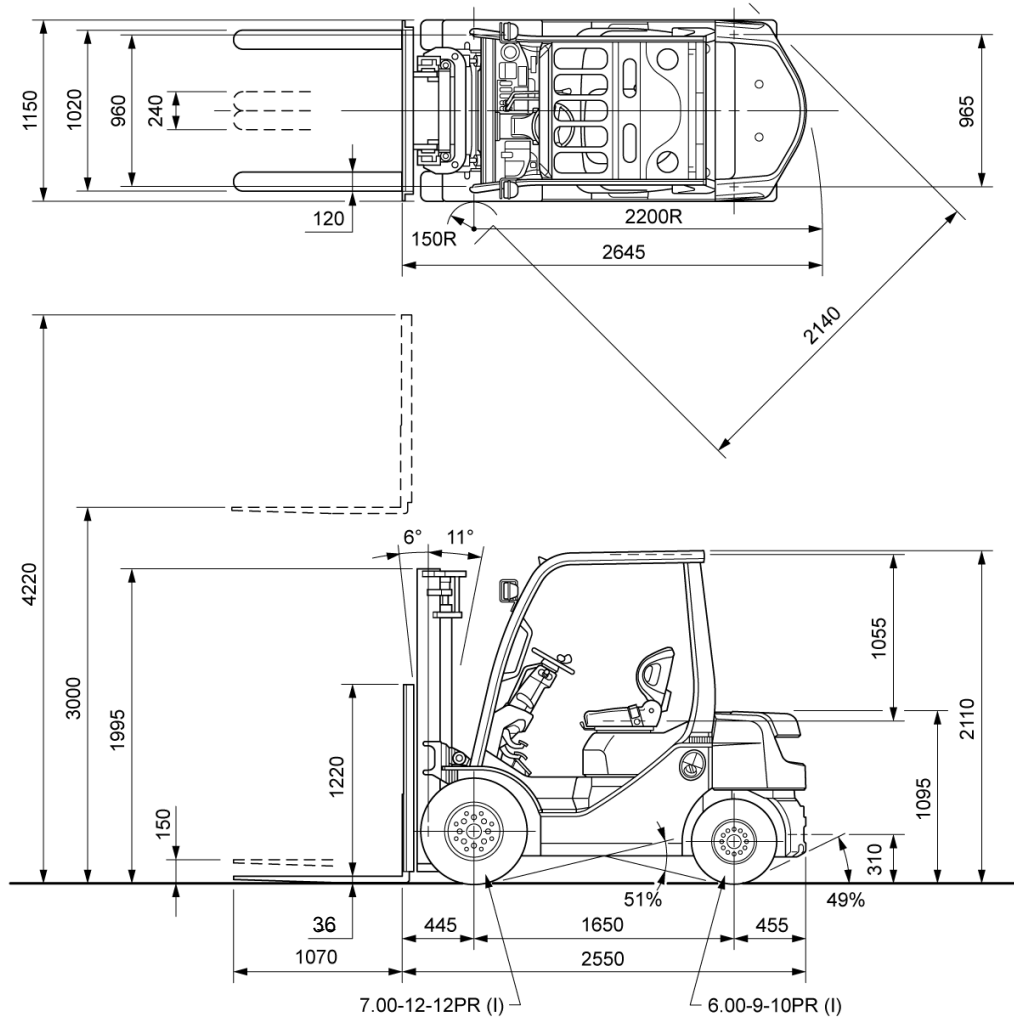
*** 2Z: Non-road Mobile Machinery (97/68/EC; Stage II).

DIMENSIONAL DRAWINGS

(December 2016)

Unit: mm

8FG/8FD20



UNDERCLEARANCE

Mast (Full Load)	95
Drive Axle (Full Load)	130
Steer Axle (No Load)	160
Center of Wheelbase (Full Load)	140
Counterweight (No Load)	150

SPECIAL TREAD

(February 2011)

Model		8FG/8FD20		
Front Tire	Single/Dual	Single	Dual	Dual
Front Tire Size		7.00-12-12PR (I)	5.50-15-8PR (I)	7.00-12-12PR (I)
Overall Width	mm	1150	1450	1610
Tread, Front	mm	960	1105	1190

SPECIAL MAST

(July 2019)

Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

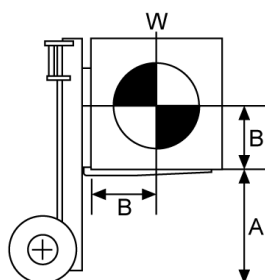
Model				8FG20	62-8FD20 <36kW> 22-8FD20	72-8FD20 82-8FD20	8FG20	62-8FD20 <36kW> 22-8FD20	72-8FD20 82-8FD20
Type of Mast				FV			FSV		
PERFORMANCE									
Speeds	Lifting	Full Load	mm/sec	560	600<525>	625	560	590<530>	620
		No Load	mm/sec	600	640<565>	655	600	630<570>	645
	Lowering	Full Load	mm/sec	480			480		
		No Load	mm/sec	420			450		
DIMENSIONS									
Load Distance (Centerline of front axle to front face of forks)			mm	470			480 (485) **		

NOTE: * Number shown in () is when the forkbar width is other than 1020 mm.

RATED CAPACITIES

(April 2009)

8FG/8FD20



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2000	1950 [1850 [1900]
	600	1810	1760 1670 [1710]
	700	1650	1610 1520 [1570]
	800	1520	1480 1400 [1440]
	900	1400	1370 1300 [1330]
	1000	1310	1270 1210 [1240]
	1100	1220	1190 1130 [1160]
	1200	1150	1120 1060 [1090]
	1300	1080	1060 1000 [1030]

[] for dual tire models.

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4500	5000
B (mm)	500	1950 1900
	600	1760 1710
	700	1610 1570
	800	1480 1440
	900	1370 1330
	1000	1270 1240
	1100	1190 1160
	1200	1120 1090
	1300	1060 1030

FSV Mast (PN)

Unit: kg (W)

A (mm)		3700	4000	4300	4500	4700	5000	5500	6000	6500	7000
B (mm)	500	2000	1950	1900 [1950]	1850 [1900]	1850 [1900]	1450 [1850]	1200 [1800]	850 [1600]	— [1550]	— [1200]
	600	1810	1760	1720 [1760]	1670 [1720]	1670 [1720]	1310 [1670]	1080 [1630]	770 [1450]	— [1400]	— [1080]
	700	1650	1610	1570 [1610]	1530 [1570]	1530 [1570]	1200 [1530]	990 [1490]	700 [1320]	— [1280]	— [990]
	800	1520	1490	1450 [1490]	1410 [1450]	1410 [1450]	1100 [1410]	910 [1370]	650 [1220]	— [1180]	— [910]
	900	1410	1380	1340 [1380]	1310 [1340]	1310 [1340]	1020 [1310]	850 [1270]	600 [1130]	— [1090]	— [850]
	1000	1320	1280	1250 [1280]	1220 [1250]	1220 [1250]	950 [1220]	790 [1180]	560 [1050]	— [1020]	— [790]
	1100	1230	1200	1170 [1200]	1140 [1170]	1140 [1170]	890 [1140]	740 [1110]	520 [990]	— [950]	— [740]
	1200	1160	1130	1100 [1130]	1070 [1100]	1070 [1100]	840 [1070]	690 [1040]	490 [930]	— [900]	— [690]
	1300	1090	1070	1040 [1070]	1010 [1040]	1010 [1040]	790 [1010]	650 [980]	460 [870]	— [850]	— [650]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)	5000	5500	6000
B (mm)	500	1600	1350
	600	1450	1220
	700	1320	1120
	800	1220	1030
	900	1130	950
	1000	1050	890
	1100	990	830
	1200	930	780
	1300	870	740

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2020)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD20

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg	
V	2700	1845	3370*	3920	150	150	6	11	2000	2000	6	11	2000
	3000	1995	3670*	4220	150	150	6	11	2000	2000	6	11	2000
	3300	2145	3970*	4520	150	150	6	11	2000	2000	6	11	2000
	3500	2245	4170*	4720	150	150	6	11	2000	2000	6	11	2000
	3700	2405	4370*	4920	150	150	6	11	2000	2000	6	11	2000
	4000	2595	4670*	5220	150	150	6	11	2000	2000	6	11	2000
	4500	2845	5170*	5720	150	150	6	6	1950	1950	6	11	1950
	5000	3095	5670*	6220	150	150	6	6	1850	1900	6	6	1900
FV	3000	1995	3605	4220	1390	775	6	11	2000	2000	6	11	2000
	3300	2145	3905	4520	1540	925	6	11	2000	2000	6	11	2000
	3500	2245	4105	4720	1640	1025	6	11	2000	2000	6	11	2000
	3700	2405	4305	4920	1800	1185	6	11	2000	2000	6	11	2000
	4000	2595	4605	5220	1990	1375	6	11	2000	2000	6	11	2000
FSV	3700	1795	4265	4920	1230	575	6	6	2000	2000	6	6	2000
	4000	1895	4565	5220	1330	675	6	6	1950	1950	6	6	1950
	4300	1995	4865	5520	1430	775	6	6	1900	1900	6	6	1950
	4500	2065	5065	5720	1500	845	6	6	1850	1850	6	6	1900
	4700	2145	5265	5920	1580	925	6	6	1850	1850	6	6	1900
	5000	2245	5565	6220	1680	1025	6	6	1450	1600	6	6	1850
	5500	2405	6065	6720	1840	1185	6	6	1200	1350	6	6	1800
	6000	2595	6565	7220	2030	1375	6	6	850	1000	6	6	1600
	6500	2845	7065	7720	2280	1625	—	—	—	—	6	6	1550
	7000	3095	7565	8220	2530	1875	—	—	—	—	6	6	1200

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, minus 15 mm.

8FGK25

8FDK25

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FGK25	62-8FDK25
3	Load Capacity	kg		2500	2500
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		130	130
13	Fork Size	T x W x L	mm	42x120x1070	42x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	7/10	7/10
15	Length to Fork Face	mm		2420	2420
16	Overall Width	mm		1155	1155
17	Mast Lowered Height	mm		1975	1975
18	Mast Extended Height	mm		4220	4220
19	Overhead Guard Height	mm		2085	2085
21	Turning Radius (Outside)	mm		2090	2090
22	Load Distance (Centerline of front axle to front face of forks)	mm		425 (430) **	425 (430) **
	Rear Overhang	mm		510	510
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2515	2515
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	17.0/17.0
			No Load	km/h	17.5/17.5
25		Lifting	Full Load	mm/sec	600
			No Load	mm/sec	640
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	500
28	Max. Drawbar Pull	Full Load	N (kg)	18800 (1920)	19500 (1990)
		No Load	N (kg)	6800 (690)	7300 (740)
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	17200 (1750)	17500 (1780)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	29	28
30	Max. Gradeability *	Full Load	% (tanθ)	32	32
		No Load	% (tanθ)	16	16
32	Total Weight	kg		3550	3610
33	Weight Distribution	Full Load	Front	kg	5240
			Rear	kg	810
34		No Load	Front	kg	1100
			Rear	kg	2450
35	Tires	Number	Front/Rear		2/2
36		Size	Front	21x8-9-14PR (I)	21x8-9-14PR (I)
37			Rear	18x7-8-10PR (I)	18x7-8-10PR (I)
38	Wheelbase	mm		1485	1485
39	Tread	Front	mm	960	960
		Rear	mm	940	940
	Backrest Height	mm		1220	1220
	Overhead Guard Clearance	mm		1055	1055
	Counterweight Height	mm		1215	1215
	Drawbar Pin Center Height	mm		285	285
	Step Height/Floor Height	mm		380/615	380/615
40	Underclearance	Min. <Mast>	mm	80	80
41	(Full Load)	Center of Wheelbase	mm	105	105
	Grade Clearance	Frame/Counterweight	% (tanθ)	40/35	40/35
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II ***
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	40/2400 (55/2400)
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167/1600 (17.0/1600)
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	55	55
55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)

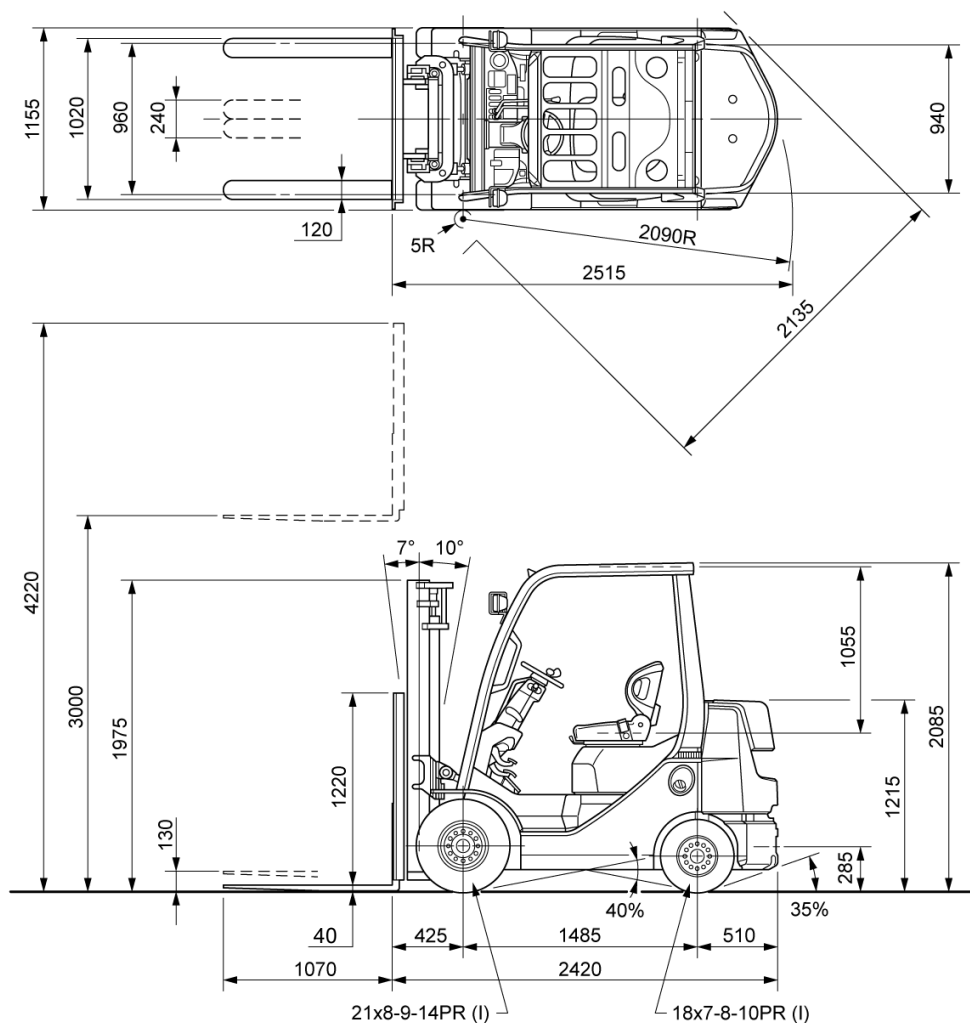
NOTE: * Computed values.

** Number shown in () is when the forkbar width is other than 1020 mm.

*** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

Unit: mm

8FGK/8FDK25



UNDERCLEARANCE

Mast (Full Load)-----	80
Drive Axle (Full Load)-----	85
Steer Axle (No Load)-----	130
Center of Wheelbase (Full Load)-----	105
Counterweight (No Load)-----	125

SPECIAL MAST

(February 2011)

Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model	8FGK25	8FDK25	8FGK25	8FDK25
Type of Mast	FV		FSV	

PERFORMANCE

Speeds	Lifting	Full Load	mm/sec	560	550	560	550
		No Load	mm/sec	600	585	600	575
	Lowering	Full Load	mm/sec	480		480	
		No Load	mm/sec	420		450	

DIMENSIONS

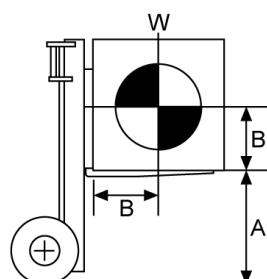
Load Distance (Centerline of front axle to front face of forks)	mm	430	455 (460) *
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NOTE: * Number shown in () is when the forkbar width is other than 1020 mm.

RATED CAPACITIES

(April 2009)

8FGK/8FDK25



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2500	2150
	600	2260	1940
	700	2060	1770
	800	1900	1630
	900	1750	1510
	1000	1630	1400
	1100	1530	1310
	1200	1430	1230

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2500	2300
	600	2260	2080
	700	2060	1900
	800	1900	1740
	900	1750	1610
	1000	1630	1500
	1100	1530	1400
	1200	1430	1320

FSV Mast (PN)

Unit: kg (W)

A (mm)		4000	4300	4500	4700	5000	5500	6000
B (mm)	500	2500	2300	2000	2000	1500	1250	850
	600	2260	2080	1810	1810	1350	1130	770
	700	2070	1900	1650	1650	1240	1030	700
	800	1900	1750	1520	1520	1140	950	640
	900	1770	1620	1410	1410	1060	880	600
	1000	1640	1510	1310	1310	980	820	560
	1100	1540	1420	1230	1230	920	770	520
	1200	1450	1330	1160	1160	870	720	490

FSV Mast (PSC)

Unit: kg (W)

A (mm)	4000	4300	4500	4700	5000	5500	6000
B (mm)	500	2500	2450	2150	1650	1400	1000
	600	2260	2220	1940	1490	1260	900
	700	2070	2030	1780	1360	1160	820
	800	1900	1870	1640	1260	1060	760
	900	1770	1730	1520	1160	990	700
	1000	1640	1610	1410	1080	920	650
	1100	1540	1510	1320	1010	860	610
	1200	1450	1420	1240	950	810	580

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2020)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FGK/8FDK25

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
V	2700	1825	3375	3920	130	130	7	10	2500	2500
	3000	1975	3675	4220	130	130	7	10	2500	2500
	3300	2125	3975	4520	130	130	7	10	2500	2500
	3500	2225	4175	4720	130	130	7	10	2500	2500
	3700	2385	4375	4920	130	130	7	10	2500	2500
	4000	2575	4675	5220	130	130	7	5	2500	2500
	4500	2825	5175	5720	130	130	7	5	2150	2300
	5000	3075	5675	6220	130	130	7	5	1700	1850
FV	3000	1975	3610	4220	1370	765	7	10	2500	2500
	3300	2125	3910	4520	1520	915	7	10	2500	2500
	3500	2225	4110	4720	1620	1015	7	10	2500	2500
	3700	2385	4310	4920	1780	1175	7	10	2500	2500
	4000	2575	4610	5220	1970	1365	7	5	2500	2500
FSV	3700	1775	4350	4920	1130	565	7	5	2500	2500
	4000	1875	4650	5220	1230	665	7	5	2500	2500
	4300	1975	4950	5520	1330	765	7	5	2300	2450
	4500	2045	5150	5720	1400	835	7	5	2000	2150
	4700	2125	5350	5920	1480	915	7	5	2000	2150
	5000	2225	5650	6220	1580	1015	7	5	1500	1650
	5500	2385	6150	6720	1740	1175	7	5	1250	1400
	6000	2575	6650	7220	1930	1365	7	5	850	1000

NOTE: Height of standard load backrest is 1220 mm.

8FG25

8FD25

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FG25	62-8FD25
3	Load Capacity		kg	2500	2500
4	Load Center		mm	500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)		mm	3000	3000
10	Free Lift		mm	155	155
13	Fork Size	T x W x L	mm	42x120x1070	42x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face		mm	2620	2620
16	Overall Width		mm	1150	1150
17	Mast Lowered Height		mm	1995	1995
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2110	2110
21	Turning Radius (Outside)		mm	2280	2280
22	Load Distance (Centerline of front axle to front face of forks)		mm	450 (455) **	450 (455) **
	Rear Overhang		mm	520	520
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2730	2730
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0 <17.0/17.0>
			No Load	km/h	19.5/19.5 <17.5/17.5>
25		Lifting	Full Load	mm/sec	600 615<560>
			No Load	mm/sec	640 655<600>
26		Lowering	Full Load	mm/sec	500 500<500>
			No Load	mm/sec	500 500<500>
28	Max. Drawbar Pull	Full Load	N (kg)	18500 (1890)	19000 (1940) <17400(1770)>
			No Load	N (kg)	8700 (890) <8700(890)>
		Full Load	N (kg)	17000 (1730)	17200 (1750) <15000(1530)>
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	30	31<27>
30	Max. Gradeability *	Full Load	% (tanθ)	34	34<31>
		No Load	% (tanθ)	19	19<19>
32	Total Weight		kg	3560	3600
33	Weight Distribution	Full Load	Front	kg	5280
			Rear	kg	780
34		No Load	Front	kg	1300
			Rear	kg	2260
35	Tires	Number	Front/Rear		2/2
36		Size	Front		7.00-12-12PR (I)
37			Rear		6.00-9-10PR (I)
38	Wheelbase		mm	1650	1650
39	Tread	Front	mm	960	960
		Rear	mm	965	965
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1090	1090
	Drawbar Pin Center Height		mm	310	310
	Step Height/Floor Height		mm	435/675	435/675
40	Underclearance	Min. <Mast>	mm	95	95
41	(Full Load)	Center of Wheelbase	mm	140	140
	Grade Clearance	Frame/Counterweight	% (tanθ)	51/41	51/41
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] *** <1DZ-III>****
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	44 (60) /2600 [41 (55) /2500]<36(49)/2400>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2500]<150(15.3)/2000>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
	Transmission	Fuel Tank Capacity	liter	60	60
		Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1

57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)
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NOTE: * Computed values.
 ** Number shown in () is when the forkbar width is other than 1020 mm.
 *** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).
 1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).
 **** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III, IV) / UN ECE Regulation NO.96 (Output category K:19≤P<37).

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA	
2	Model			72-8FD25	82-8FD25	22-8FD25
3	Load Capacity	kg		2500	2500	
4	Load Center	mm		500	500	
5	Power Type			Diesel	Diesel	
6	Operator Position			Rider Seated	Rider Seated	
7	Tire Type	Front/Rear		Pneumatic	Pneumatic	
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2	
9	Maximum Fork Height (MFH)	mm		3000	3000	
10	Free Lift	mm		155	155	
13	Fork Size	T x W x L	mm	42x120x1070	42x120x1070	
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240	
14	Tilt Range	FWD/BWD	deg	6/11	6/11	
15	Length to Fork Face	mm		2620	2620	
16	Overall Width	mm		1150	1150	
17	Mast Lowered Height	mm		1995	1995	
18	Mast Extended Height	mm		4220	4220	
19	Overhead Guard Height	mm		2110	2110	
21	Turning Radius (Outside)	mm		2280	2280	
22	Load Distance (Centerline of front axle to front face of forks)	mm		450 (455) **	450 (455) **	
	Rear Overhang	mm		520	520	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2730	2730	
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0	
			No Load	km/h	19.5/19.5	
25		Lifting	Full Load	mm/sec	650	615
			No Load	mm/sec	675	655
26		Lowering	Full Load	mm/sec	500	500
			No Load	mm/sec	500	500
28	Max. Drawbar Pull	Full Load	N (kg)	20000 (2040)	20000 (2040)	19200 (1960)
		No Load	N (kg)	8800 (900)	8800 (900)	8700 (890)
	Max. Drawbar Pull at 1.5 km/h *	Full Load	N (kg)	17500 (1780)	17500 (1780)	17200 (1760)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	29	29	
		Full Load	% (tanθ)	32	32	
30		No Load	% (tanθ)	19	19	
32	Total Weight	kg		3650	3650	3620
33	Weight Distribution	Full Load	Front	kg	5320	5310
			Rear	kg	830	810
34		No Load	Front	kg	1340	1330
			Rear	kg	2310	2290
35	Tires	Number	Front/Rear	2/2	2/2	
36		Size	Front	7.00-12-12PR (I)	7.00-12-12PR (I)	
37			Rear	6.00-9-10PR (I)	6.00-9-10PR (I)	
38	Wheelbase	mm		1650	1650	
39	Tread	Front	mm	960	960	
		Rear	mm	965	965	
	Backrest Height	mm		1220	1220	
	Overhead Guard Clearance	mm		1055	1055	
	Counterweight Height	mm		1090	1095	
	Drawbar Pin Center Height	mm		310	310	
	Step Height/Floor Height	mm		435/675	435/675	
40	Underclearance	Min. <Mast>	mm	95	95	
41	(Full Load)	Center of Wheelbase	mm	140	140	
	Grade Clearance	Frame/Counterweight	% (tanθ)	51/41	51/41	
42	Brake	Service (Foot)		Hydraulic	Hydraulic	
43		Parking		Foot	Foot	
45	Battery	Voltage/Capacity (5HR)	V/AH	12/64	12/70	12/76
49	Internal Combustion Engine	Make/Model		TOYOTA/2Z ***	TOYOTA/3Z	TOYOTA/1ZS
50		Rated Power/r.p.m.	kW (JIS ps)	49/2200 (66/2200)	42/2200 (57/2200)	41/2200 (56/2200)
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	216/1600 (22.0/1600)	200/1600 (20.4/1600)	
52		Number of Cylinder		4	4	3
		Piston Displacement	cc	3469	3469	1795
		Fuel Tank Capacity	liter	60	60	
55	Transmission	Type		Powershift	Powershift	
		Stage	FWD/RVS	1/1	1/1	
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)	

NOTE: * Computed values.

** Number shown in () is when the forkbar width is other than 1020 mm.

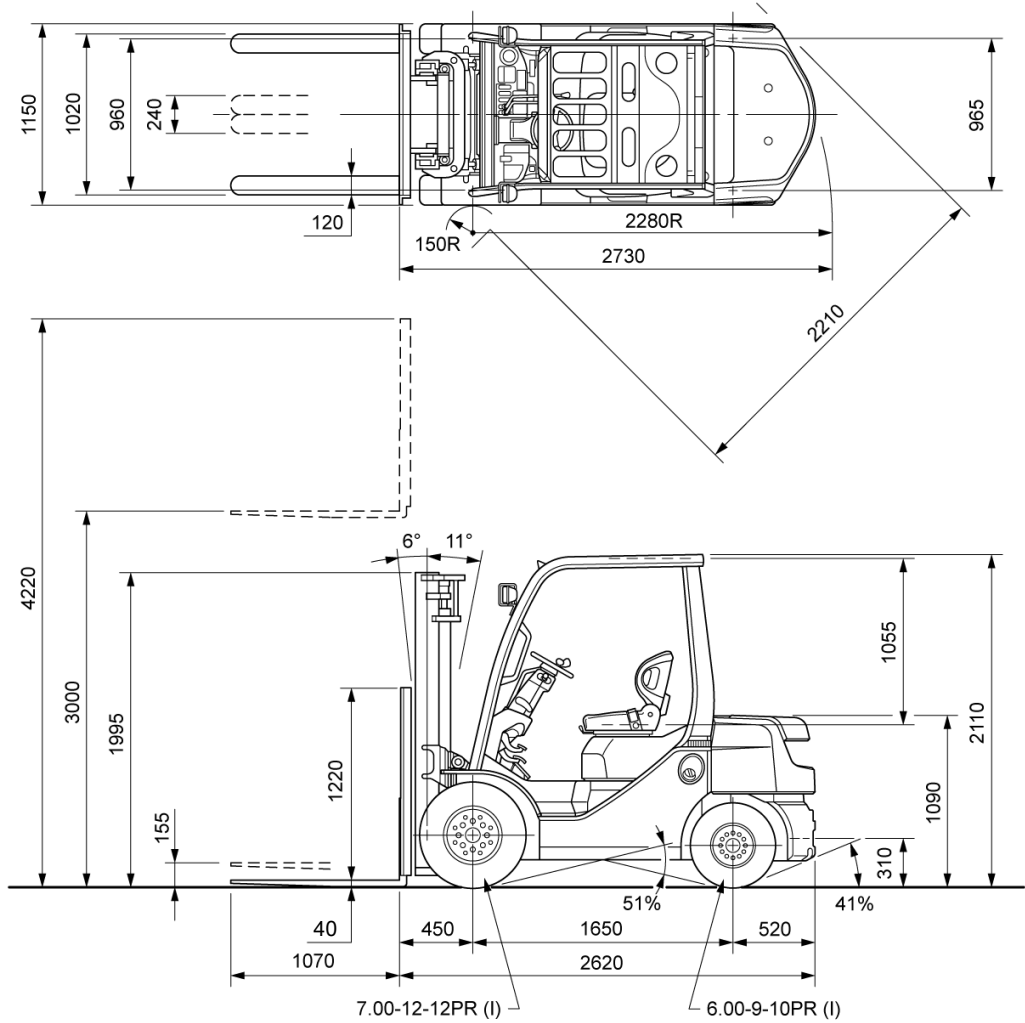
*** 2Z: Non-road Mobile Machinery (97/68/EC; Stage II).

DIMENSIONAL DRAWINGS

(December 2016)

Unit: mm

8FG/8FD25



UNDERCLEARANCE

Mast (Full Load)	95
Drive Axle (Full Load)	130
Steer Axle (No Load)	160
Center of Wheelbase (Full Load)	140
Counterweight (No Load)	150

SPECIAL TREAD

(February 2011)

Model		8FG/8FD25		
Front Tire	Single/Dual	Single	Dual	Dual
Front Tire Size		7.00-12-12PR (I)	5.50-15-8PR (I)	7.00-12-12PR (I)
Overall Width	mm	1150	1450	1610
Tread, Front	mm	960	1105	1190

SPECIAL MAST

(July 2019)

Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

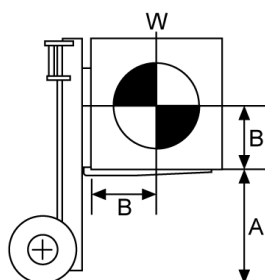
Model				8FG25	62-8FD25 <36kW> 22-8FD25	72-8FD25 82-8FD25	8FG25	62-8FD25 <36kW> 22-8FD25	72-8FD25 82-8FD25
Type of Mast				FV			FSV		
PERFORMANCE									
Speeds	Lifting	Full Load	mm/sec	560	600<525>	625	560	590<530>	620
		No Load	mm/sec	600	640<565>	655	600	630<570>	645
	Lowering	Full Load	mm/sec	480			480		
		No Load	mm/sec	420			450		
DIMENSIONS									
Load Distance (Centerline of front axle to front face of forks)			mm	475			485 (490) *		

NOTE: * Number shown in () is when the forkbar width is other than 1020 mm.

RATED CAPACITIES

(April 2009)

8FG/8FD25



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2500 [2450]	1700 [2400]
	600	2260 [2210]	1540 [2170]
	700	2070 [2020]	1400 [1980]
	800	1900 [1860]	1290 [1830]
	900	1760 [1730]	1200 [1690]
	1000	1640 [1610]	1110 [1580]
	1100	1540 [1510]	1040 [1470]
	1200	1440 [1410]	980 [1390]
	1300	1360 [1330]	920 [1310]

[] for dual tire models.

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4000	4500	5000
B (mm)	500	2500 [2450]	1850 [2400]
	600	2260 [2210]	1540 [2170]
	700	2070 [2020]	1400 [1980]
	800	1900 [1860]	1290 [1830]
	900	1760 [1730]	1200 [1690]
	1000	1640 [1610]	1110 [1580]
	1100	1540 [1510]	1040 [1470]
	1200	1440 [1410]	980 [1390]
	1300	1360 [1330]	920 [1310]

[] for dual tire models.

FSV Mast (PN)

Unit: kg (W)

A (mm)		4000	4300	4500	4700	5000	5500	6000	6500	7000
B (mm)	500	2500	2300 [2500]	2000 [2450]	2000 [2450]	1500 [2400]	1250 [2050]	900 [1700]	— [1550]	— [1200]
	600	2260	2080 [2260]	1810 [2220]	1810 [2220]	1360 [2170]	1130 [1860]	810 [1540]	— [1400]	— [1080]
	700	2070	1910 [2070]	1660 [2030]	1660 [2030]	1240 [1990]	1030 [1700]	740 [1410]	— [1280]	— [990]
	800	1910	1760 [1910]	1530 [1870]	1530 [1870]	1140 [1830]	950 [1560]	680 [1300]	— [1180]	— [910]
	900	1770	1630 [1770]	1420 [1730]	1420 [1730]	1060 [1700]	880 [1450]	630 [1200]	— [1100]	— [850]
	1000	1650	1520 [1650]	1320 [1620]	1320 [1620]	990 [1580]	820 [1350]	590 [1120]	— [1020]	— [790]
	1100	1550	1420 [1550]	1240 [1510]	1240 [1510]	930 [1480]	770 [1270]	550 [1050]	— [960]	— [740]
	1200	1450	1340 [1450]	1160 [1420]	1160 [1420]	870 [1400]	720 [1190]	520 [990]	— [900]	— [700]
	1300	1370	1260 [1370]	1100 [1340]	1100 [1340]	820 [1320]	680 [1120]	490 [930]	— [850]	— [660]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)		5000	5500	6000
B (mm)	500	1650	1400	1050
	600	1490	1270	950
	700	1370	1160	870
	800	1260	1070	800
	900	1170	990	740
	1000	1090	920	690
	1100	1020	860	650
	1200	960	810	610
	1300	900	770	570

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2020)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD25

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg	
V	2700	1845	3370*	3920	155	155	6	11	2500	2500	6	11	2500
	3000	1995	3670*	4220	155	155	6	11	2500	2500	6	11	2500
	3300	2145	3970*	4520	155	155	6	11	2500	2500	6	11	2500
	3500	2245	4170*	4720	155	155	6	11	2500	2500	6	11	2500
	3700	2405	4370*	4920	155	155	6	11	2500	2500	6	11	2500
	4000	2595	4670*	5220	155	155	6	9	2500	2500	6	11	2500
	4500	2845	5170*	5720	155	155	6	6	2150	2300	6	11	2450
FV	5000	3095	5670*	6220	155	155	6	6	1700	1850	6	6	2400
	3000	1995	3605	4220	1400	780	6	11	2500	2500	6	11	2500
	3300	2145	3905	4520	1550	930	6	11	2500	2500	6	11	2500
	3500	2245	4105	4720	1650	1030	6	11	2500	2500	6	11	2500
	3700	2405	4305	4920	1810	1190	6	11	2500	2500	6	11	2500
FSV	4000	2595	4605	5220	2000	1380	6	9	2500	2500	6	11	2500
	3700	1795	4265	4920	1235	580	6	6	2500	2500	6	6	2500
	4000	1895	4565	5220	1335	680	6	6	2500	2500	6	6	2500
	4300	1995	4865	5520	1435	780	6	6	2300	2300	6	6	2500
	4500	2065	5065	5720	1505	850	6	6	2000	2000	6	6	2450
	4700	2145	5265	5920	1585	930	6	6	2000	2000	6	6	2450
	5000	2245	5565	6220	1685	1030	6	6	1500	1650	6	6	2400
	5500	2405	6065	6720	1845	1190	6	6	1250	1400	6	6	2050
	6000	2595	6565	7220	2035	1380	6	6	900	1050	6	6	1700
	6500	2845	7065	7720	2285	1630	—	—	—	—	6	6	1550
	7000	3095	7565	8220	2535	1880	—	—	—	—	6	6	1200

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, minus 15 mm.

8FGK30

8FDK30

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FGK30	62-8FDK30
3	Load Capacity	kg		3000	3000
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		135	135
13	Fork Size	T x W x L	mm	45x120x1070	45x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face		mm	2505	2505
16	Overall Width		mm	1255	1255
17	Mast Lowered Height		mm	1980	1980
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2085	2085
21	Turning Radius (Outside)		mm	2130	2130
22	Load Distance (Centerline of front axle to front face of forks)		mm	460	460
	Rear Overhang		mm	560	560
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2590	2590
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5
			No Load	km/h	19.0/19.5
25		Lifting	Full Load	mm/sec	490
			No Load	mm/sec	530
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	500
28	Max. Drawbar Pull	Full Load	N (kg)	17000 (1730)	17500 (1780)
		No Load	N (kg)	7300 (740)	7300 (740)
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	15600 (1590)	15500 (1580)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	24	24
30	Max. Gradeability *	Full Load	% (tanθ)	24	24
		No Load	% (tanθ)	14	14
32	Total Weight		kg	4150	4200
33	Weight Distribution	Full Load	Front	kg	6240
			Rear	kg	910
34		No Load	Front	kg	1200
			Rear	kg	2950
35		Number	Front/Rear		2/2
36	Tires	Front		23x9-10-16PR (I)	23x9-10-16PR (I)
37		Size	Rear	18x7-8-16PR (I)	18x7-8-16PR (I)
38	Wheelbase		mm	1485	1485
39	Tread	Front	mm	1030	1030
		Rear	mm	940	940
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1215	1215
	Drawbar Pin Center Height		mm	285	285
	Step Height/Floor Height		mm	400/640	400/640
40	Underclearance	Min. <Mast>	mm	80	80
41	(Full Load)	Center of Wheelbase	mm	110	110
	Grade Clearance	Frame/Counterweight	% (tanθ)	45/33	45/33
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49		Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II **
50		Rated Power/r.p.m.	kW (JIS ps)	40/2400 (54/2400)	40/2400 (55/2400)
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167/1600 (17.0/1600)
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	55	55
55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)

NOTE: * Computed values.

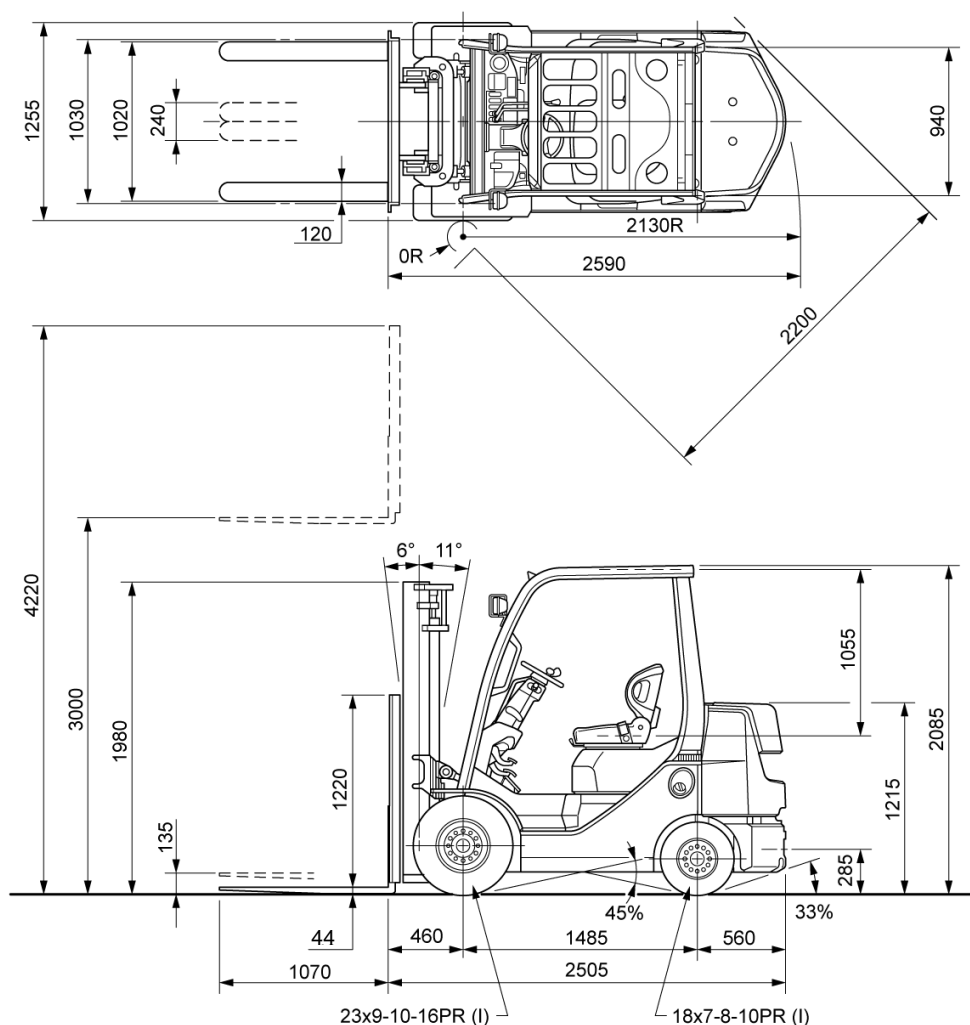
** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

DIMENSIONAL DRAWINGS

(December 2016)

Unit: mm

8FGK/8FDK30



UNDERCLEARANCE

Mast (Full Load)	80
Drive Axle (Full Load)	90
Steer Axle (No Load)	130
Center of Wheelbase (Full Load)	110
Counterweight (No Load)	125

SPECIAL MAST

(February 2011)

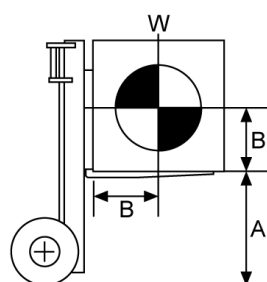
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FGK30	8FDK30	8FGK30	8FDK30
Type of Mast				FV		FSV	
PERFORMANCE							
Speeds	Lifting	Full Load	mm/sec	445	420	460	430
		No Load	mm/sec	460	460	480	465
	Lowering	Full Load	mm/sec	460		460	
		No Load	mm/sec	390		420	
DIMENSIONS							
Load Distance (Centerline of front axle to front face of forks)			mm	460		480	

RATED CAPACITIES

(April 2009)

8FGK/8FDK30



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)		4500	5000
B (mm)	500	3000	2600
	600	2720	2350
	700	2480	2150
	800	2290	1980
	900	2120	1840
	1000	1980	1710
	1100	1850	1600
	1200	1740	1510

V, FV Mast (PSC)

Unit: kg (W)

A (mm)		4500	5000
B (mm)	500	3000	2750
	600	2720	2490
	700	2480	2280
	800	2290	2100
	900	2120	1950
	1000	1980	1810
	1100	1850	1700
	1200	1740	1600

FSV Mast (PN)

Unit: kg (W)

A (mm)		4000	4300	4500	4700	5000	5500	6000
B (mm)	500	3000	2900	2800	2800	2400	1700	1200
	600	2720	2630	2540	2540	2170	1540	1080
	700	2490	2410	2320	2320	1990	1410	990
	800	2300	2220	2140	2140	1840	1300	920
	900	2130	2060	1990	1990	1700	1210	850
	1000	1990	1920	1860	1860	1590	1120	790
	1100	1860	1800	1740	1740	1490	1050	740
	1200	1750	1690	1640	1640	1400	990	700

FSV Mast (PSC)

Unit: kg (W)

A (mm)		4300	4500	4700	5000	5500	6000
B (mm)	500	3000	2850	2850	2550	1850	1350
	600	2720	2580	2580	2310	1680	1220
	700	2490	2370	2370	2120	1530	1120
	800	2300	2180	2180	1950	1410	1030
	900	2130	2020	2020	1810	1310	960
	1000	1990	1890	1890	1690	1220	890
	1100	1860	1770	1770	1580	1150	840
	1200	1750	1660	1660	1490	1080	790

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FGK/8FDK30

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
V	2700	1830	3405*	3920	135	135	6	11	3000	3000
	3000	1980	3705*	4220	135	135	6	11	3000	3000
	3300	2130	4005*	4520	135	135	6	11	3000	3000
	3500	2230	4205*	4720	135	135	6	11	3000	3000
	3700	2390	4405*	4920	135	135	6	11	3000	3000
	4000	2580	4705*	5220	135	135	6	11	3000	3000
	4500	2830	5205*	5720	135	135	6	6	3000	3000
FV	5000	3080	5705*	6220	135	135	6	6	2600	2750
	3000	1980	3585	4220	1400	760	6	11	3000	3000
	3300	2130	3885	4520	1550	955	6	11	3000	3000
	3500	2230	4085	4720	1650	1055	6	11	3000	3000
	3700	2390	4285	4920	1810	1215	6	11	3000	3000
	4000	2580	4585	5220	2000	1405	6	11	3000	3000
	3700	1880	4285	4920	1300	660	6	6	3000	3000
FSV	4000	1980	4585	5220	1400	760	6	6	3000	3000
	4300	2130	4885	5520	1550	910	6	6	2900	3000
	4500	2180	5085	5720	1600	960	6	6	2800	2850
	4700	2230	5285	5920	1650	1010	6	6	2800	2850
	5000	2390	5585	6220	1810	1170	6	6	2400	2550
	5500	2580	6085	6720	2000	1360	6	6	1700	1850
	6000	2830	6585	7220	2250	1610	6	6	1200	1350

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, minus 20 mm.

8FG30

8FD30

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FG30	62-8FD30
3	Load Capacity		kg	3000	3000
4	Load Center		mm	500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)		mm	3000	3000
10	Free Lift		mm	135	135
13	Fork Size	T x W x L	mm	45x120x1070	45x120x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1070/240	1070/240
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face		mm	2775	2775
16	Overall Width		mm	1240	1240
17	Mast Lowered Height		mm	2015	2015
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2170	2170
21	Turning Radius (Outside)		mm	2430	2430
22	Load Distance (Centerline of front axle to front face of forks)		mm	485	485
	Rear Overhang		mm	595	595
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2915	2915
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5
			No Load	km/h	19.0/19.0
25		Lifting	Full Load	mm/sec	510
			No Load	mm/sec	550
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
28	Max. Drawbar Pull	Full Load	N (kg)	18000 (1840)	19600 (2000)
					<18400(1880)>
		No Load	N (kg)	10300 (1050)	10400 (1060)
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	15300 (1560)	17600 (1790)
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	22	25<24>
30	Max. Gradeability *	Full Load	% (tanθ)	25	28<27>
		No Load	% (tanθ)	20	20<20>
32	Total Weight		kg	4190	4230
33	Weight Distribution	Full Load	Front	kg	6210
			Rear	kg	980
34		No Load	Front	kg	1470
			Rear	kg	2720
35	Tires	Number	Front/Rear		2/2
36		Size	Front	28x9-15-12PR (I)	28x9-15-12PR (I)
37			Rear	6.5-10-10PR (I)	6.5-10-10PR (I)
38	Wheelbase		mm	1700	1700
39	Tread	Front	mm	1010	1010
		Rear	mm	965	965
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1130	1130
	Drawbar Pin Center Height		mm	335	335
	Step Height/Floor Height		mm	495/730	495/730
40	Underclearance	Min. <Mast>	mm	115	115
41	(Full Load)	Center of Wheelbase	mm	185	185
	Grade Clearance	Frame/Counterweight	% (tanθ)	62/49	62/49
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] ** <1DZ-III>***
50		Rated Power/r.p.m.	kW (JIS ps)	43/2600 (58/2600)	44 (60) /2600 [41 (55) /2500] <36(49)/2400>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2500] <150(15.3)/2000>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	60	60

55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)

NOTE: * Computed values.

** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

*** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III,IV) / UN ECE Regulation NO.96 (Output category K:19≤P<37).

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer				TOYOTA		TOYOTA	
2	Model				72-8FD30		82-8FD30	22-8FD30
3	Load Capacity			kg	3000		3000	
4	Load Center			mm	500		500	
5	Power Type				Diesel		Diesel	
6	Operator Position				Rider Seated		Rider Seated	
7	Tire Type		Front/Rear		Pneumatic		Pneumatic	
8	Wheels (x = driven)		Front/Rear		2x/2		2x/2	
9	Maximum Fork Height (MFH)			mm	3000		3000	
10	Free Lift			mm	135		135	
13	Fork Size		T x W x L	mm	45x120x1070		45x120x1070	
	Fork Spread (Outside)		MAX./MIN.	mm	1070/240		1070/240	
14	Tilt Range		FWD/BWD	deg	6/11		6/11	
15	Length to Fork Face			mm	2775		2775	
16	Overall Width			mm	1240		1240	
17	Mast Lowered Height			mm	2015		2015	
18	Mast Extended Height			mm	4220		4220	
19	Overhead Guard Height			mm	2170		2170	
21	Turning Radius (Outside)			mm	2430		2430	
22	Load Distance (Centerline of front axle to front face of forks)			mm	485		485	
	Rear Overhang			mm	595		595	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2915		2915	
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	18.5/18.5		18.5/18.5	
No Load			km/h	19.0/19.0		19.0/19.0		
Lifting		Full Load	mm/sec	550		550	500	
		No Load	mm/sec	570		570	530	
Lowering		Full Load	mm/sec	500		500		
		No Load	mm/sec	500		500		
28	Max. Drawbar Pull		Full Load	N (kg)	19500 (1990)		19500 (1990)	
No Load			N (kg)	10600 (1080)		10600 (1080)	10500 (1070)	
	Max. Drawbar Pull at 1.5km/h *		Full Load	N (kg)	17000 (1730)		17000 (1730)	
29	Gradeability at 1.5 km/h *		Full Load	% (tanθ)	24		24	25
30	Max. Gradeability *		Full Load	% (tanθ)	27		27	
No Load			% (tanθ)	20		20		
32	Total Weight			kg	4290		4290	4260
33	Weight Distribution	Full Load	Front	kg	6270		6270	6250
Rear			kg	1020		1020	1010	
34		No Load	Front	kg	1530		1530	1520
Rear			kg	2760		2760	2740	
35		Number	Front/Rear	2/2		2/2		
36	Tires	Size	Front	28x9-15-12PR (I)		28x9-15-12PR (I)		
37			Rear	6.5-10-10PR (I)		6.5-10-10PR (I)		
38	Wheelbase			mm	1700		1700	
39	Tread		Front	mm	1010		1010	
Rear			mm	965		965		
	Backrest Height			mm	1220		1220	
	Overhead Guard Clearance			mm	1055		1055	
	Counterweight Height			mm	1130		1130	
	Drawbar Pin Center Height			mm	335		335	
	Step Height/Floor Height			mm	495/730		495/730	
40	Underclearance	Min. <Mast>	mm	115		115		
41	(Full Load)	Center of Wheelbase	mm	185		185		
	Grade Clearance	Frame/Counterweight	% (tanθ)	62/49		62/49		
42	Brake	Service (Foot)		Hydraulic		Hydraulic		
43		Parking		Foot		Foot		
45	Battery	Voltage/Capacity (5HR)	V/AH	12/64		12/70	12/76	
49		Make/Model		TOYOTA/2Z **		TOYOTA/3Z	TOYOTA/1ZS	
50	Internal Combustion Engine	Rated Power/r.p.m.	kW (JIS ps)	49/2200 (66/2200)		42/2200 (57/2200)	41/2200 (56/2200)	
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	216/1600 (22.0/1600)		200/1600 (20.4/1600)		
		Number of Cylinder		4		4	3	
52		Piston Displacement	cc	3469		3469	1795	
		Fuel Tank Capacity	liter	60		60		
55	Transmission	Type		Powershift		Powershift		
		Stage	FWD/RVS	1/1		1/1		
57	Operating Pressure	For Attachments	Mpa (kg/cm²)	15.7 (160)		15.7 (160)		

NOTE: * Computed values.

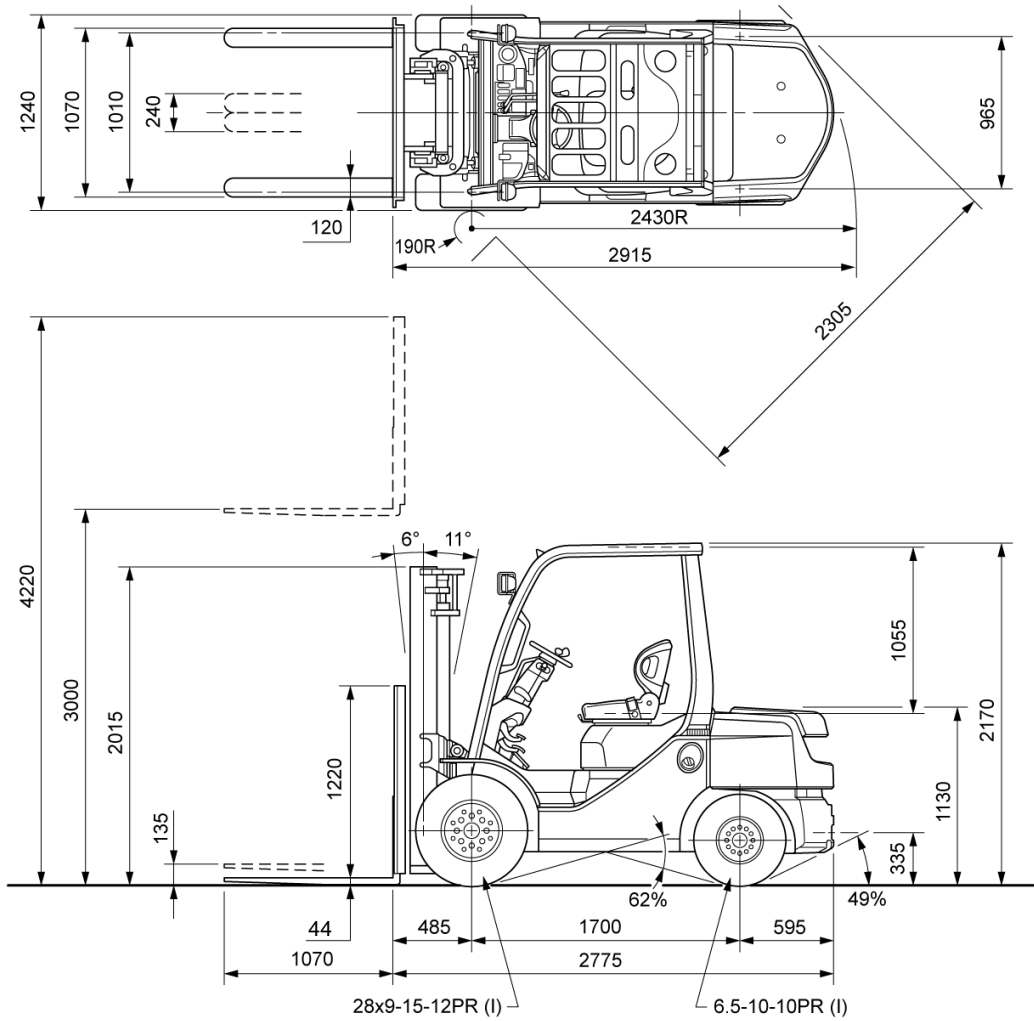
** 2Z: Non-road Mobile Machinery (97/68/EC; Stage II).

DIMENSIONAL DRAWINGS

(December 2016)

Unit: mm

8FG/8FD30



UNDERCLEARANCE

Mast (Full Load)	115
Drive Axle (Full Load)	130
Steer Axle (No Load)	180
Center of Wheelbase (Full Load)	185
Counterweight (No Load)	175

SPECIAL TREAD

(February 2011)

Model		8FG/8FD30	
Front Tire	Single/Dual	Dual	Dual
Front Tire Size		6.00-15-10PR (I)	28x8-15-12PR (I)
Overall Width	mm	1520	1675
Tread, Front	mm	1150	1240

SPECIAL MAST

(July 2019)

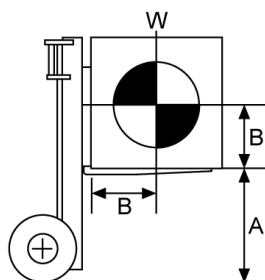
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FG30	62-8FD30 <36kW> 22-8FD30	72-8FD30 82-8FD30	8FG30	62-8FD30 <36kW> 22-8FD30	72-8FD30 82-8FD30
Type of Mast				FV			FSV		
PERFORMANCE									
Speeds	Lifting	Full Load	mm/sec	450	445<400>	480	480	470<415>	510
		No Load	mm/sec	490	480<430>	500	520	500<445>	530
	Lowering	Full Load	mm/sec	460			460		
		No Load	mm/sec	390			420		
DIMENSIONS									
Load Distance (Centerline of front axle to front face of forks)			mm	485			495		

RATED CAPACITIES

(April 2009)

8FG/8FD30



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4500	5000
B (mm)	500	3000 [3000]
	600	2720 [2720]
	700	2500 [2500]
	800	2310 [2310]
	900	2140 [2140]
	1000	2000 [2000]
	1100	1870 [1870]
	1200	1760 [1760]
	1300	1670 [1670]

[] for dual tire models.

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4500	5000
B (mm)	500	2750 [3000]
	600	2500 [2720]
	700	2290 [2500]
	800	2110 [2310]
	900	1960 [2140]
	1000	1830 [2000]
	1100	1720 [1870]
	1200	1620 [1760]
	1300	1530 [1670]

[] for dual tire models.

FSV Mast (PN)

Unit: kg (W)

A (mm)		4700	5000	5500	6000	6500	7000
B (mm)	500	3000	2600 [2950]	1900 [2650]	1500 [2050]	— [1600]	— [1200]
	600	2730	2360 [2680]	1730 [2410]	1360 [1860]	— [1450]	— [1090]
	700	2500	2170 [2460]	1580 [2210]	1250 [1710]	— [1330]	— [1000]
	800	2310	2000 [2270]	1460 [2040]	1150 [1580]	— [1230]	— [920]
	900	2150	1860 [2110]	1360 [1900]	1070 [1470]	— [1140]	— [860]
	1000	2010	1740 [1970]	1270 [1770]	1000 [1370]	— [1070]	— [800]
	1100	1880	1630 [1850]	1190 [1660]	940 [1290]	— [1000]	— [750]
	1200	1770	1540 [1740]	1120 [1570]	880 [1210]	— [940]	— [710]
	1300	1680	1450 [1650]	1060 [1480]	840 [1140]	— [890]	— [670]

[] for dual tire models (PN or PSC).

FSV Mast (PSC)

Unit: kg (W)

A (mm)		4700	5000	5500	6000
B (mm)	500	3000	2750	2050	1650
	600	2730	2500	1860	1500
	700	2500	2290	1710	1370
	800	2310	2120	1580	1270
	900	2150	1970	1470	1180
	1000	2010	1840	1370	1100
	1100	1880	1730	1290	1030
	1200	1770	1630	1210	970
	1300	1680	1540	1140	920

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FG/8FD30

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire			
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC	
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire	
V	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg	
	2700	1865	3440*	3920	135	135	6	11	3000	3000	6	11	3000	
	3000	2015	3740*	4220	135	135	6	11	3000	3000	6	11	3000	
	3300	2165	4040*	4520	135	135	6	11	3000	3000	6	11	3000	
	3500	2265	4240*	4720	135	135	6	11	3000	3000	6	11	3000	
	3700	2425	4440*	4920	135	135	6	11	3000	3000	6	11	3000	
	4000	2615	4740*	5220	135	135	6	11	3000	3000	6	11	3000	
	4500	2865	5240*	5720	135	135	6	6	3000	3000	6	11	3000	
FV	5000	3115	5740*	6220	135	135	6	6	2600	2750	6	6	3000	
	3000	2015	3615	4220	1400	795	6	11	3000	3000	6	11	3000	
	3300	2165	3915	4520	1550	945	6	11	3000	3000	6	11	3000	
	3500	2265	4115	4720	1650	1045	6	11	3000	3000	6	11	3000	
	3700	2425	4315	4920	1810	1205	6	11	3000	3000	6	11	3000	
	4000	2615	4615	5220	2000	1395	6	11	3000	3000	6	11	3000	
	FSV	3700	1915	4315	4920	1300	695	6	6	3000	3000	6	6	3000
		4000	2015	4615	5220	1400	795	6	6	3000	3000	6	6	3000
4300		2165	4915	5520	1550	945	6	6	3000	3000	6	6	3000	
4500		2215	5115	5720	1600	995	6	6	3000	3000	6	6	3000	
4700		2265	5315	5920	1650	1045	6	6	3000	3000	6	6	3000	
5000		2425	5615	6220	1810	1205	6	6	2600	2750	6	6	2950	
5500		2615	6115	6720	2000	1395	6	6	1900	2050	6	6	2650	
6000		2865	6615	7220	2250	1645	6	6	1500	1650	6	6	2050	
6500		3115	7115	7720	2500	1895	—	—	—	—	6	6	1600	
7000		3365	7615	8220	2750	2145	—	—	—	—	6	6	1200	

NOTE: Height of standard load backrest is 1220 mm.

* with A4 piping, minus 20 mm.

8FGJ35

8FDJ35

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			32-8FGJ35	62-8FDJ35
3	Load Capacity	kg		3500	3500
4	Load Center	mm		500	500
5	Power Type			Gasoline	Diesel
6	Operator Position			Rider Seated	Rider Seated
7	Tire Type	Front/Rear		Pneumatic	Pneumatic
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2
9	Maximum Fork Height (MFH)	mm		3000	3000
10	Free Lift	mm		140	140
13	Fork Size	T x W x L	mm	50x140x1070	50x140x1070
	Fork Spread (Outside)	MAX./MIN.	mm	1070/280	1070/280
14	Tilt Range	FWD/BWD	deg	6/11	6/11
15	Length to Fork Face		mm	2845	2845
16	Overall Width		mm	1290	1290
17	Mast Lowered Height		mm	2120	2120
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2180	2180
21	Turning Radius (Outside)		mm	2490	2490
22	Load Distance (Centerline of front axle to front face of forks)		mm	500	500
	Rear Overhang		mm	650	650
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2990	2990
24	Speeds	Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0
			No Load	km/h	19.5/19.5
25		Lifting	Full Load	mm/sec	410
			No Load	mm/sec	450
26	Lowering	Full Load	mm/sec	500	500<500>
		No Load	mm/sec	450	450<450>
28	Max. Drawbar Pull	Full Load	N (kg)	17000 (1730)	18600 (1900)<17100(1740)>
		No Load	N (kg)	10500 (1070)	10600 (1080)<10600(1080)>
	Max. Drawbar Pull at 1.5km/h *	Full Load	N (kg)	13900 (1420)	16500 (1680)<14500(1480)>
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	19	20<19>
30	Max. Gradeability *	Full Load	% (tanθ)	21	22<21>
		No Load	% (tanθ)	18	19<19>
32	Total Weight		kg	4770	4810
33	Weight Distribution	Full Load	Front	kg	7200
			Rear	kg	7210
34		No Load	Front	kg	1070
			Rear	kg	1100
35	Tires	Number	Front/Rear		2/2
36		Size	Front	250-15-16PR (I)	250-15-16PR (I)
37			Rear	6.5-10-12PR (I)	6.5-10-12PR (I)
38	Wheelbase		mm	1700	1700
39	Tread	Front	mm	1060	1060
		Rear	mm	965	965
	Backrest Height		mm	1220	1220
	Overhead Guard Clearance		mm	1055	1055
	Counterweight Height		mm	1130	1130
	Drawbar Pin Center Height		mm	335	335
	Step Height/Floor Height		mm	505/745	505/745
40	Underclearance	Min. <Mast>	mm	130	130
41	(Full Load)	Center of Wheelbase	mm	190	190
	Grade Clearance	Frame/Counterweight	% (tanθ)	64/43	64/43
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Foot	Foot
45	Battery	Voltage/Capacity (5HR)	V/AH	12/27	12/55
49	Internal Combustion Engine	Make/Model		TOYOTA/4Y	TOYOTA/1DZ-II [1DZ-III] **<1DZ-III>***
50		Rated Power/r.p.m.	kW (JIS ps)	43/2600 (58/2600)	44 (60) /2600 [41 (55) /2500] <36/2400(49/2400)>
51		Rated Torque/r.p.m.	N-m (JIS kg-m)	162/1800 (16.5/1800)	167 (17.0) /1600 [157 (16.0) /2500] <150/2000(15.3/2000)>
52		Number of Cylinder		4	4
		Piston Displacement	cc	2237	2486
		Fuel Tank Capacity	liter	60	60
55	Transmission	Type		Powershift	Powershift
		Stage	FWD/RVS	1/1	1/1
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)

NOTE: * Computed values.

** 1DZ-II: Non-road Mobile Machinery (97/68/EC; Stage II) EPA Non-road Diesel Emissions (40 CFR Part 89; Interim Tier 2).

1DZ-III: Non-road Mobile Machinery (97/68/EC; Stage IIIA) EPA Non-road Diesel Emissions (40 CFR Part 1039; Interim Tier 4).

*** 1DZ-III: Non-road Mobile Machinery (GB20891-2014; Stage III, IV) / UN ECE Regulation NO.96 (Output category K:19sP<37).

MAIN VEHICLE SPECIFICATIONS

(July 2019)

1	Manufacturer			TOYOTA	TOYOTA	TOYOTA	
2	Model			72-8FDJ35	72-8FDJ35	82-8FDJ35	22-8FDJ35
3	Load Capacity	kg		3500	3500	3500	
4	Load Center	mm		500	500	500	
5	Power Type			Diesel	Diesel	Diesel	
6	Operator Position			Rider Seated	Rider Seated	Rider Seated	
7	Tire Type	Front/Rear		Pneumatic	Pneumatic	Pneumatic	
8	Wheels (x = driven)	Front/Rear		2x/2	2x/2	2x/2	
9	Maximum Fork Height (MFH)	mm		3000	3000	3000	
10	Free Lift	mm		140	140	140	
13	Fork Size	T x W x L	mm	50x140x1070	50x140x1070	50x140x1070	
	Fork Spread (Outside)	MAX./MIN.	mm	1070/280	1070/280	1070/280	
14	Tilt Range	FWD/BWD	deg	6/11	6/11	6/11	
15	Length to Fork Face	mm		2845	2845	2845	
16	Overall Width	mm		1290	1290	1290	
17	Mast Lowered Height	mm		2120	2120	2120	
18	Mast Extended Height	mm		4220	4220	4220	
19	Overhead Guard Height	mm		2180	2180	2180	
21	Turning Radius (Outside)	mm		2490	2490	2490	
22	Load Distance (Centerline of front axle to front face of forks)	mm		500	500	500	
	Rear Overhang	mm		650	650	650	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)	mm		2990	2990	2990	
24		Travel, Max. (FWD/RVS)	Full Load	km/h	19.0/19.0	19.0/19.0	
			No Load	km/h	19.5/19.5	19.5/19.5	
25	Speeds	Lifting	Full Load	mm/sec	440	440	420
			No Load	mm/sec	460	460	450
26		Lowering	Full Load	mm/sec	500	500	
			No Load	mm/sec	450	450	
28	Max. Drawbar Pull	Full Load	N (kg)	18500 (1890)	18500 (1890)	18500 (1890)	
		No Load	N (kg)	10700 (1090)	10700 (1090)	10700 (1090)	10600 (1080)
	Max. Drawbar Pull at 1.5 km/h *	Full Load	N (kg)	16000 (1630)	16000 (1630)	16000 (1630)	
29	Gradeability at 1.5 km/h *	Full Load	% (tanθ)	20	20	20	
30	Max. Gradeability *	Full Load	% (tanθ)	22	22	22	
		No Load	% (tanθ)	19	19	19	
32	Total Weight	kg		4870	4870	4870	4840
33	Weight Distribution	Full Load	Front	kg	7240	7240	7220
			Rear	kg	1130	1130	1120
34		No Load	Front	kg	1680	1680	1670
			Rear	kg	3190	3190	3170
35		Number	Front/Rear	2/2	2/2	2/2	
36	Tires	Size	Front	250-15-16PR (I)	250-15-16PR (I)	250-15-16PR (I)	
37			Rear	6.5-10-12PR (I)	6.5-10-12PR (I)	6.5-10-12PR (I)	
38	Wheelbase	mm		1700	1700	1700	
39	Tread	Front	mm	1060	1060	1060	
		Rear	mm	965	965	965	
	Backrest Height	mm		1220	1220	1220	
	Overhead Guard Clearance	mm		1055	1055	1055	
	Counterweight Height	mm		1130	1130	1130	
	Drawbar Pin Center Height	mm		335	335	335	
	Step Height/Floor Height	mm		505/745	505/745	505/745	
40	Underclearance	Min. <Mast>	mm	130	130	130	
41	(Full Load)	Center of Wheelbase	mm	190	190	190	
	Grade Clearance	Frame/Counterweight	% (tanθ)	64/43	64/43	64/43	
42	Brake	Service (Foot)		Hydraulic	Hydraulic	Hydraulic	
43		Parking		Foot	Foot	Foot	
45	Battery	Voltage/Capacity (5HR)	V/AH	12/64	12/64	12/70	12/76
49		Make/Model		TOYOTA/2Z **	TOYOTA/2Z **	TOYOTA/3Z	TOYOTA/1ZS
50		Rated Power/r.p.m.	kW (JIS ps)	49/2200 (66/2200)	49/2200 (66/2200)	42/2200 (57/2200)	41/2200 (56/2200)
51	Internal Combustion Engine	Rated Torque/r.p.m.	N-m (JIS kg-m)	216/1600 (22.0/1600)	216/1600 (22.0/1600)	200/1600 (20.4/1600)	
52		Number of Cylinder		4	4	4	3
		Piston Displacement	cc	3469	3469	3469	1795
		Fuel Tank Capacity	liter	60	60	60	
55	Transmission	Type		Powershift	Powershift	Powershift	
		Stage	FWD/RVS	1/1	1/1	1/1	
57	Operating Pressure	For Attachments	Mpa (kg/cm ²)	15.7 (160)	15.7 (160)	15.7 (160)	

NOTE: * Computed values.

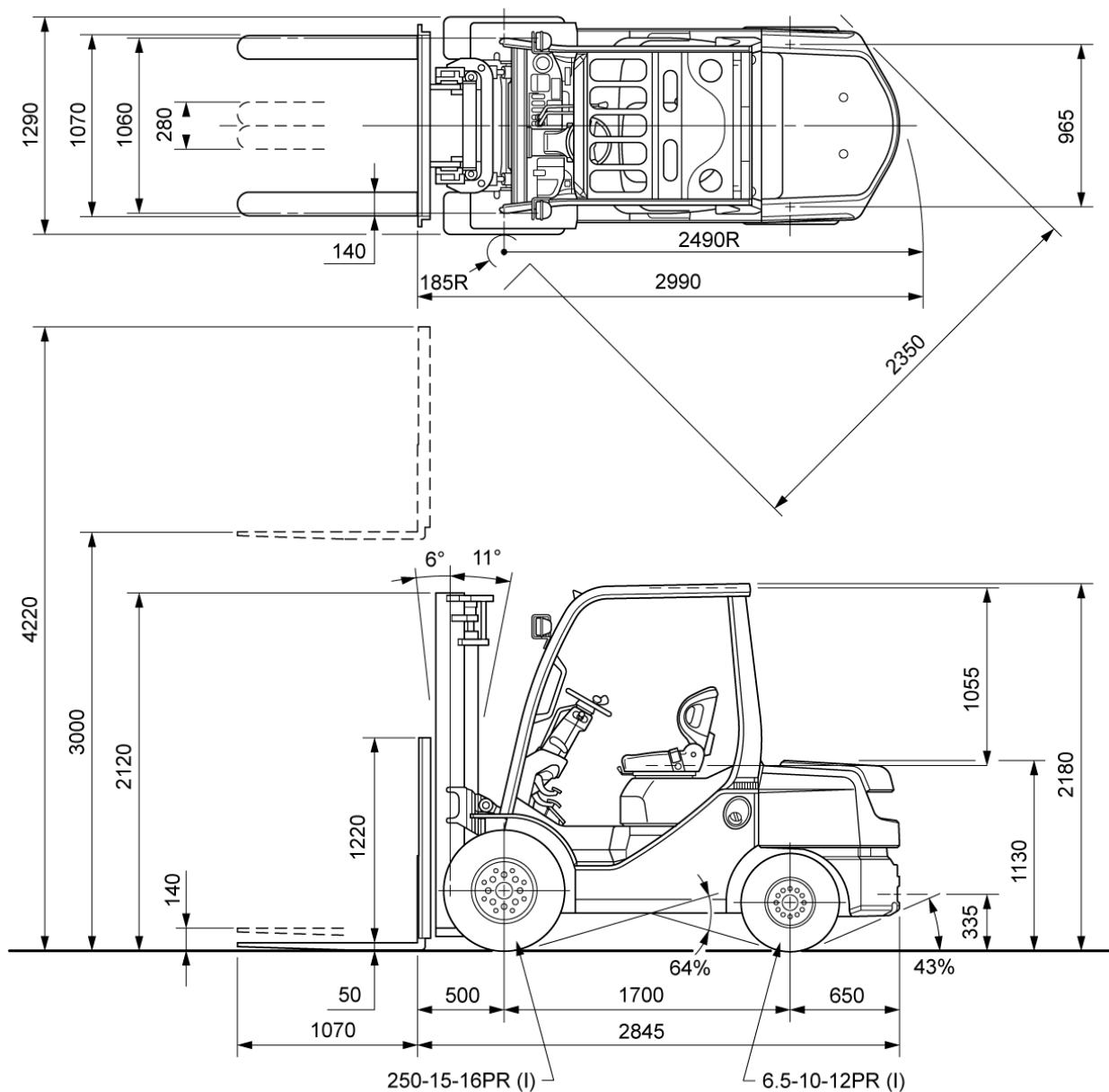
** 2Z: Non-road Mobile Machinery (97/68/EC; Stage II).

DIMENSIONAL DRAWINGS

(February 2011)

Unit: mm

8FGJ/8FDJ35



UNDERCLEARANCE

Mast (Full Load)-----	130
Drive Axle (Full Load)-----	140
Steer Axle (No Load)-----	180
Center of Wheelbase (Full Load)-----	190
Counterweight (No Load)-----	170

SPECIAL TREAD

(February 2011)

Model		8FGJ/8FDJ35	
Front Tire	Single/Dual	Dual	Dual
Front Tire Size		6.00-15-10PR (I)	28x8-15-12PR (I)
Overall Width	mm	1525	1715
Tread, Front	mm	1155	1290

SPECIAL MAST

(July 2019)

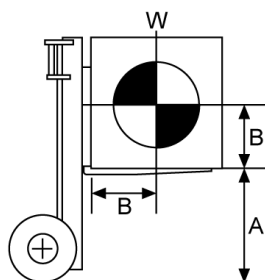
Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

Model				8FGJ35	62-8FDJ35 <36kW> 22-8FDJ35	72-8FDJ35 82-8FDJ35	8FGJ35	62-8FDJ35 <36kW> 22-8FDJ35	72-8FDJ35 82-8FDJ35
Type of Mast				FV			FSV		
PERFORMANCE									
Speeds	Lifting	Full Load	mm/sec	420	420<340>	450	400	400<355>	430
		No Load	mm/sec	460	460<360>	480	440	440<380>	460
	Lowering	Full Load	mm/sec	460			460		
		No Load	mm/sec	390			390		
DIMENSIONS									
Load Distance (Centerline of front axle to front face of forks)			mm	500			510		

RATED CAPACITIES

(April 2009)

8FGJ/8FDJ35



A: Max. Fork Height
B: Load Center
W: Capacity

V, FV Mast (PN)

Unit: kg (W)

A (mm)	4500	5000
B (mm)	500	3500 [3400]
	600	3180 [3090]
	700	2920 [2840]
	800	2700 [2620]
	900	2510 [2440]
	1000	2340 [2280]
	1100	2200 [2140]
	1200	2070 [2010]
	1300	1960 [1900]

[] for dual tire models.

V, FV Mast (PSC)

Unit: kg (W)

A (mm)	4500	5000
B (mm)	500	3500 3400
	600	3180 3090
	700	2920 2840
	800	2700 2620
	900	2510 2440
	1000	2340 2280
	1100	2200 2140
	1200	2070 2010
	1300	1960 1900

FSV Mast (PN or PSC)

Unit: kg (W)

A (mm)		4300	4500	4700	5000	5500	6000	6500	7000
B (mm)	500	3500	3400	3400	3300	2700 [3200]	2000 [2400]	— [1650]	— [900]
	600	3190	3100	3100	3000	2460 [2910]	1820 [2180]	— [1500]	— [820]
	700	2930	2840	2840	2760	2260 [2680]	1670 [2010]	— [1380]	— [750]
	800	2710	2630	2630	2550	2090 [2480]	1550 [1860]	— [1270]	— [690]
	900	2520	2450	2450	2380	1940 [2300]	1440 [1730]	— [1190]	— [640]
	1000	2350	2290	2290	2220	1820 [2150]	1340 [1610]	— [1110]	— [600]
	1100	2210	2150	2150	2080	1700 [2020]	1260 [1510]	— [1040]	— [560]
	1200	2080	2020	2020	1960	1610 [1900]	1190 [1430]	— [980]	— [530]
	1300	1970	1910	1910	1860	1520 [1800]	1120 [1350]	— [930]	— [500]

[] for dual tire models.

MAST SPECIFICATIONS & RATED CAPACITIES

(April 2009)

Wide Visible Mast (V), Wide Visible Full-Free Lift Two-Stage Mast (FV), Wide Visible Full-Free Lift Three-Stage Mast (FSV)

8FGJ/8FDJ35

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Single Tire				Dual Tire		
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	Tilt Range		Load Capacity at 500 mm LC		Tilt Range		Load Capacity at 500 mm LC
			Without Load Backrest	With Standard Load Backrest			FWD	BWD	Pneumatic Tire	Pneumatic-Shaped Cushion Tire	FWD	BWD	PneumaticTire/ Pneumatic-Shaped Cushion Tire
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg	deg	deg	kg
V	2700	2000	3570	3920	140	140	6	11	3500	3500	6	11	3500
	3000	2120	3870	4220	140	140	6	11	3500	3500	6	11	3500
	3300	2300	4170	4520	140	140	6	11	3500	3500	6	11	3500
	3500	2400	4370	4720	140	140	6	11	3500	3500	6	11	3500
	3700	2500	4570	4920	140	140	6	11	3500	3500	6	11	3500
	4000	2750	4870	5220	140	140	6	11	3500	3500	6	11	3500
	4500	3000	5370	5720	140	140	6	6	3500	3500	6	11	3500
	5000	3250	5870	6220	140	140	6	6	3300	3400	6	6	3400
FV	3000	2120	3735	4220	1395	910	6	11	3500	3500	6	11	3500
	3300	2300	4035	4520	1575	1090	6	11	3500	3500	6	11	3500
	3500	2400	4235	4720	1675	1190	6	11	3500	3500	6	11	3500
	3700	2500	4435	4920	1775	1290	6	11	3500	3500	6	11	3500
	4000	2750	4735	5220	2025	1540	6	11	3500	3500	6	11	3500
FSV	3700	2030	4435	4920	1305	820	6	6	3500	3500	6	6	3500
	4000	2180	4735	5220	1455	970	6	6	3500	3500	6	6	3500
	4300	2230	5035	5520	1505	1020	6	6	3500	3500	6	6	3500
	4500	2280	5235	5720	1555	1070	6	6	3400	3400	6	6	3400
	4700	2440	5435	5920	1715	1230	6	6	3400	3400	6	6	3400
	5000	2630	5735	6220	1905	1420	6	6	3300	3300	6	6	3300
	5500	2880	6235	6720	2155	1670	6	6	2700	2850	6	6	3200
	6000	3130	6735	7220	2405	1920	6	6	2000	2150	6	6	2400
	6500	3380	7235	7720	2655	2170	—	—	—	—	6	6	1650
	7000	3630	7735	8220	2905	2420	—	—	—	—	6	6	900

NOTE: Height of standard load backrest is 1220 mm.

8FG/8FD10.15.18.20.25.30 8FGK/8FDK20.25.30, 8FGJ/8FDJ35

STANDARD EQUIPMENT

(November 2020)

8FG10.15.18.20.25.30, 8FGK20.25.30, 8FGJ35

Gasoline engine model

4Y engine (32-8FG10~J35 models)	<ul style="list-style-type: none"> Wide Visible Mast (V) [MFH: 3000 mm] Load backrest (V and FSV masts) [Height: 1220 mm] Easy-down system (V mast) Alternator with IC regulator Same key for multiple forklifts 7" cyclone air cleaner with snorkel air intake Radiator reservoir tank Operator Presence Sensing System (OPS) Foot-activated parking brake Assist grip Neutral safety switch Electronic shift control Full hydraulic power steering Overhead guard sheet (Roof cap) Overhead guard Rain gutter Hidden tilt cylinder Tilt cylinder boots Tilt steering column Engine hood damper (lockable) Jack point Drawbar pin Engine hood insulation Headlights Headlights guard Integrated light & Turn signal switch Hour Meter Engine water temperature indicator All-time fuel meter Engine oil pressure warning light Charge warning light Electric horn Storage area Rear Combination lights Distributor Less Ignition system T/C oil indicator Seat belt (black) Combination meter
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8FD10.15.18.20.25.30, 8FDK20.25.30, 8FDJ35

Diesel engine models

1DZ-II engine (62-8FD10~J35 models)	<ul style="list-style-type: none"> Wide Visible Mast (V) [MFH: 3000 mm] Load backrest (V and FSV masts) [Height: 1220 mm] Easy-down system (V mast) Alternator with IC regulator Super glow control system Sedimenter Same key for multiple forklifts 7" cyclone air cleaner with snorkel air intake Radiator reservoir tank Operator Presence Sensing System (OPS) Foot-activated parking brake Assist grip Neutral safety switch Electronic shift control Full hydraulic power steering Overhead guard sheet (Roof cap) Overhead guard Rain gutter Hidden tilt cylinder Tilt cylinder boots Tilt steering column Engine hood damper (lockable) Jack point Drawbar pin Engine hood insulation Headlights Headlights guard Integrated light & Turn signal switch Hour Meter Engine water temperature indicator All-time fuel meter Engine oil pressure warning light Charge warning light Pre-heat indicator light Sedimenter warning light Electric horn Storage area Rear combination lights T/C oil cooler Seat belt (black) Combination meter
2Z engine (72-8FD20~J35 models)	<ul style="list-style-type: none"> Wide Visible Mast (V) [MFH: 3000 mm] Load backrest (V and FSV masts) [Height: 1220 mm] Easy-down system (V mast) Alternator with IC regulator Intake heater Sedimenter Same key for multiple forklifts 7" cyclone air cleaner with snorkel air intake Radiator reservoir tank Operator Presence Sensing System (OPS) Foot-activated parking brake Assist grip Neutral safety switch Electronic shift control Full hydraulic power steering Overhead guard sheet (Roof cap) Overhead guard Rain gutter Hidden tilt cylinder Tilt cylinder boots Tilt steering column Engine hood damper (lockable) Jack point Drawbar pin Engine hood insulation Headlights Headlights guard Integrated light & Turn signal switch Hour Meter Engine water temperature indicator All-time fuel meter Engine oil pressure warning light Charge warning light Pre-heat indicator light Sedimenter warning light Electric horn Storage area Rear combination lights T/C oil cooler Seat belt (black) Combination meter
3Z engine (82-8FD20~J35 models)	<ul style="list-style-type: none"> Wide Visible Mast (V) [MFH: 3000 mm] Load backrest (V and FSV masts) [Height: 1220 mm] Easy-down system (V mast) Alternator with IC regulator Sedimenter Same key for multiple forklifts 7" cyclone air cleaner with snorkel air intake Radiator reservoir tank Operator Presence Sensing System (OPS) Foot-activated parking brake Assist grip Neutral safety switch Electronic shift control Full hydraulic power steering Overhead guard sheet (Roof cap) Overhead guard Rain gutter Hidden tilt cylinder Tilt cylinder boots Tilt steering column Engine hood damper (lockable) Jack point Drawbar pin Engine hood insulation Headlights Headlights guard Integrated light & Turn signal switch Hour Meter Engine water temperature indicator All-time fuel meter Engine oil pressure warning light Charge warning light Pre-heat indicator light Sedimenter warning light Electric horn Storage area Rear combination lights T/C oil cooler Seat belt (black) Combination meter
1ZS engine (22-8FD20~J35 models)	<ul style="list-style-type: none"> Wide Visible Mast (V) [MFH: 3000 mm] Load backrest (V and FSV masts) [Height: 1220 mm] Easy-down system (V mast) Alternator with IC regulator Sedimenter Same key for multiple forklifts 7" cyclone air cleaner with snorkel air intake Radiator reservoir tank Operator Presence Sensing System (OPS) Foot-activated parking brake Assist grip Neutral safety switch Electronic shift control Full hydraulic power steering Overhead guard sheet (Roof cap) Overhead guard Rain gutter Hidden tilt cylinder Tilt cylinder boots Tilt steering column Engine hood damper (lockable) Jack point Drawbar pin Engine hood insulation Headlights Headlights guard Integrated light & Turn signal switch Hour Meter Engine water temperature indicator All-time fuel meter Engine oil pressure warning light Charge warning light Pre-heat indicator light Sedimenter warning light Electric horn Storage area Rear combination lights T/C oil cooler Seat belt (black) Combination meter Electric throttle Body control system Inter cooler Super charging device Super glow control system Multifunction Display II Key-off head light off system Anti-restart ignition key switch Travel speed limitation control Low speed setting Engine auto stop system ECO mode

Item			Code	Model																															
				32-8FG10	62-8FD10	32-8FG15	62-8FD15	32-8FG18	62-8FD18	32-8FG20	72-8FD20	82-8FD20	62-8FD20	32-8FG25	72-8FD25	82-8FD25	62-8FD25	32-8FG30	72-8FD30	82-8FD30	62-8FD30	32-8FGJ35	72-8FDJ35	82-8FDJ35	62-8FDJ35	32-8FGK20	62-8FDK20	32-8FGK25	62-8FDK25	32-8FGK30	62-8FDK30	22-8FD20	22-8FD25	22-8FD30	22-8FDJ35
Back-up Buzzer With On-off Switch	★	K21K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Seat belt Interlock	54) ★	K36B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Speedometer	★	L10A																																	
Combination Meter		[L20A]	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	-	-	-	-
Multifunction Display II	72) ★	L26E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○		
Clamp Release Interlock 3rd Lever	65) ★	Q15A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clamp Release Interlock 4th Lever	71) ★	Q15B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clamp Release Interlock 3/4 Lever	72) ★	Q15D	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Clamp Release Interlock 4/5 Lever	74) ★	Q15E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Yellow Strobe Light Wiring (Key ON Position)	★	S19A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Yellow Strobe Light Wiring (Reverse Position)	16) ★	S19B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cardkey Entry System	55)59) ★	L38G	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Telematics with POC	61) ★	L39E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Telematics with Cardkey System & POC	55)63) ★	L39G	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Card Writer	55) ★	L40G	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Card Writer for Telematics	55) ★	L40H	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cardkey (ISO14443-Type A)	55) ★	L41G	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulic Oil Temperature Gauge	64) ★	L42B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
BODY																																			
Vehicle-hoisting Hook	27) ★	G16A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Suspension Seat w/ Damper	★	G40E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Swivel Seat	★	G41F	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Orange Seat Belt	★	G43C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Floor Mat	★	G80A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Urethane Floor Mat	★	G80B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Deluxe Cabin	28)73) ★	H00X							●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
w/o Overhead Guard Sheet	29) ★	H01N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Canvas Cabin w/ Wiper and Washer	30)73) ★	H02C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Front Windshield w/ Wiper and Washer	73) ★	H02D	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heater	31) ★	H11A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heater w/ Defroster	32) ★	H12A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cabin w/ Folding Door	33)73) ★	H34A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fuel Tank Cap w/ Key	★	C09A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mini Lever	34) ★	E45A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Joystick	34) ★	E45B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rear-view Mirror, Right and Left Sides		J10B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rear-pillar Assist Grip		L37A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-standard Forks for Attachment		M29Y	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
High Load Backrest for Attachment		M45A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Body & Forks in One Color (Mast, B/R & ATT in STD Color)		R30A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Body & Forks in Two Colors (Mast, B/R & ATT in STD Color)		R30B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Body & Forks in Three Colors (Mast, B/R & ATT In STD Color)		R30C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Body & Forks in Four Colors (Mast, B/R & ATT in STD Color)		R30D	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mast, B/R & ATT in Specified Color		R40A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Body Color (431 Orange)		R00R	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tool, Standard Set (A Set)		S00B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tool, Standard Set (B Set)		S00C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Document Box	26) ★	S04A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Certificated Label		S20C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Toyota Mark (Mast) Packing	60) ★	S22A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Name Plate Full-stamped		S30A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Name Plate (English)		S31A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Name Plate (Spanish)		S31B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Name Plate (Chinese)		S31C	●	●	●	●	●	●	●	●	●	●	●	●	●																				

Item			Code	Model																															
				32-8FG10	62-8FD10	32-8FG15	62-8FD15	32-8FG18	62-8FD18	32-8FG20	72-8FD20	82-8FD20	62-8FD20	32-8FG25	72-8FD25	82-8FD25	62-8FD25	32-8FG30	72-8FD30	82-8FD30	62-8FD30	32-8FGJ35	72-8FDJ35	82-8FDJ35	62-8FDJ35	32-8FGK20	62-8FDK20	32-8FGK25	62-8FDK25	32-8FGK30	62-8FDK30	22-8FD20	22-8FD25	22-8FD30	22-8FDJ35
Russian Spec.	40)	★	A20C		●		●		●				●				●				●				●										
High Capacity Cooling Spec.	42)	★	A26A		●	●	●	●	●		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Korean Spec.	43)	★	A20S																												●	●	●	●	
System of Active Stability	50)	★	A41A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○
High Capacity Cooling Spec. (Paper Industry Spec.)	42)	★	A60B		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Unit Indication, mm/kg	44)		[A95B]	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Cold Area Package	45)	★	B01A								●	●			●	●			●	●			●	●								●	●	●	●
Low-noise Model	46)	★	B11A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rust-proof Model	47)	★	B30H	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rust-proof Model (Fisherman Special)	48)	★	B30J	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rust-proof Parts (Nuts and Bolts)		★	B31B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Bio Diesel Fuel Spec.		★	B94A		●		●		●		●	●	●		●	●	●		●	●	●		●	●		●		●		●					
Mast Rust-proof Painting	49)	★	R50A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Backrest Rust-proof Painting	41)	★	R51A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ATTACHMENT AND PIPING																																			
3(-4)-Valves, 2 Hose (A410)			D601	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
3-Valve, 2 Hose w/ Relief Valve (A411)			D602	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, 3 Hose (A420)	56)		D604	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, 3 Hose w/ Relief Valve (A421)	56)		D605	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, 4 Hose (A450)	57)		D612	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, 4 Hose w/ Relief Valve (A451)	57)		D613	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3(-4)-Valves, No Hose (A400)			D627	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3-Valves, No Hose w/ Relief Valve (A401)			D628	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, No Hose (A405)	57)		D629	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-Valves, No Hose w/ Relief Valve (A406)	57)		D630	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5-Valves, 5 Hose (A460)	58)		D620							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5-Valves, 5 Hose w/ Relief Valve (A461)	58)		D621							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5-Valves, 6 Hose (A465)	58)		D625							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5-Valves, 6 Hose w/ Relief Valve (A466)	58)		D626							●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PACKING																																			
Export Packing (Standard)			T00B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Export Packing (Wooden Box)			T01A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Spare Tire Packing Front (on Truck)			T08A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Spare Tire Packing Rear (on Truck)			T09A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Attachment Packing (Pallet)	51)		T10A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mast Packing (w/o Case)	62)		T11C	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Mast Packing (Pallet)	62)		T11E	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Spare LPG Cylinder Packing			T13A	●		●		●		●			●				●				●				●			●							
Bucket Packing (Pallet)	53)		T14A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Attachment Packing (on Truck)			T18A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Spare Tire Packing (Pallet)	75)		T38B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
w/o Touch-up Paint			T44N	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Operator's Manual 2set			T45B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Repair Manual 1Set			T46A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Repair Manual 2Set			T46B	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Original Forks Packing (Separate)	66)		T90A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Additional Forks Packing (Separate)	67)		T91A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sleeved Forks Packing (Separate)	68)		T92A	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●					

NOTE:

- 1) Includes M09A (Not necessary to specify).
- 2) 6500 mm and 7000 mm mast is only available for dual tire models (F00C, F00D).
- 3) Not necessary to specify when selecting B30H, B30J and M00F.
- 4) Must specify M41B when backrest is required when selecting FV mast.
Cannot be combined with H601/611.
- 5) Cannot be combined with B11A (2Z engine models only), H00X, H02C, H34A.
- 6) Must enter together with A41A, C11D (Gasoline engine only), L26E.
Includes D05A for Diesel engine models (Not necessary to specify).
(For compact model, not necessary to specify A41A. For1ZS engine model, not necessary to specify A41A and L26E.)
- 7) Must enter together with one of C01D, I, N, P. Must specify C20O.
- 8) Must enter together with one of C01D, I, N, P.
- 9) 1 ton series: 15 kg cylinder, 2-3 ton series: 20 kg cylinder.
- 10) Must enter together with C00A or C00B. Must specify C20O. Must specify C06B when select H34A, H02C,H00X.
- 11) Must enter together with C00A or C00B. Must specify C06B when select H34A, H02C, H00X.
- 12) Must enter together with C00A or C00B and either C01N or C01P.
- 13) Must enter together with C00B, C01N. Must Specify C20O.
- 14) The vehicle-mounted cylinder is a spare cylinder.
- 15) Must enter together with H34A or H02C or H00X. Must enter together with C00A or C00B.
- 16) Cannot be combined with J19I, J19S.
- 17) Must enter together with C00A or C00B. Must specify C06B when select H34A, H02C, H00X.
Cannot be combined with C00D or C04C or C11D (Already installed).
- 18) Must enter together with C00A or C00B.
- 19) Includes D05A. (Not necessary to specify) 1DZ model Includes D20A (Not necessary to specify).
- 20) Must specify C04E for Malaysia.
- 21) Must specify C11D, when you select C00B, C00D or C00L.
Must specify L26E.
- 22) Must enter together with E45A or E45B.
- 23) Must specify A41A. (Except for compact model and 1ZS Engine model.)
Must specify C11D. (Gasoline engine only).
- 24) Available for 4300 to 4700 mm FSV mast
(Except 2.0 and 2.5 ton 4300 mm mast model).
- 25) Must specify A41A. (Except for compact model.)
Must specify L26E.
- 26) Cannot be combined with G41F, E45A, E45B.
- 27) Cannot be combined with H00K, H02C, H10A, H34A, F00C, F00D.
- 28) Must specify J24K or J20C, and J10B.
- 29) Cannot be combined with H00X, H34A, H02C, H02D.
- 30) Includes H02D (Not necessary to specify). Must specify C06B when select C01D-C01P.
- 31) Includes D05A for Diesel engine models (Not necessary to specify).
- 32) Must enter one of (H34A, H00X, H02C,H02D) together with H11A.
- 33) Includes H02D (Not necessary to specify). Must specify C06B when select C01D-C01P.
Cannot be combined with A52A.
- 34) Must specify A41A.(Except for compact model and 1ZS engine model.)
Must specify C11D for 4Y engine model.
Must specify L26E.(Except for 1ZS engine model.)
Includes S04A (Not necessary to specify). When combined with G41F, S04A is not installed.
Cannot be combined with A460, A461, A465, A466.
- 35) Must specify with one of L38G, L39E or L39G.
- 36) Cannot be combined with A10B.
- 37) When you select C11D for 4Y engine model, Anti-restart Ignition Key is included in L26E.
- 38) Must specify A10R & C31A.
- 39) Includes M33A (Not necessary to specify). Includes Seat belt Interlock system and Orange Seat belt.
Must specify A41A, G40E and S31A.
For Attachment, only A351 and E62 is available.
- 40) Includes D20A (Not necessary to specify).

- 41) Cannot be combined with M40N.
- 42) Must enter together with E01A (Manual transmission models only).
Under cover is equipped as standard.
- 43) Must specify S31A.
- 44) Must specify A95B.
- 45) Includes D20A and D05A (Not necessary to specify).
- 46) Only 2Z engine models includes [K35A] (Not necessary to specify).
Under cover is equipped as standard.
- 47) Includes M09A (Not necessary to specify). Cannot be combined with A4 piping.
- 48) Includes M09A (Not necessary to specify). Cannot be combined with A4 piping. Must specify K35A.
- 49) Cannot be combined with B30J.
- 50) Under cover is equipped as standard.
- 51) Must enter the separate packing code "A".
- 52) Must specify J20C or J24K & K21D or K21K.
Must specify S31C &J10B.
62-model: Must specify C31A & C25C
- 53) Must enter the separate packing code "K".
- 54) Includes G43C.
Must specify A41A.(Except for compact model and 1ZS Engine model.)
- 55) Only available for the specified destination. 1.Australia, 2.Colombia, 3. Mexico, 4. Vietnam, 5. Argentina, 6. Malaysia 7. Singapore, 8. South Africa, 9. Thailand, 10. UAE, 11. Chile, 12. Philippines.
- 56) Only available for V mast.
- 57) Not available with FSV6500,7000
- 58) Only available for V mast.
Cannot be combined with H00X, H34A, H02C, H02D.
Cannot be combined with E45A, E45B.
- 59) Must specify D29A.
- 60) Must specify this option for Singapore.
- 61) Must specify A41A.(Except for compact model and 1ZS Engine model.)
Must specify C11D for 4Y engine model.
Must specify L26E.(Except for 1ZS Engine model.)
- 62) Must enter the separate packing code "M".
- 63) Must specify A41A.(Except for compact model and 1ZS Engine model.)
Must specify L26E.(Except for 1ZS Engine model.)
Must specify D29A.
- 64) Must specify L26E.(Except for 1ZS Engine model.)
- 65) Must specify with one of A410, A411 or L1.
- 66) Must enter the separate packing code "F".
- 67) Must enter the separate packing code "F".
(When you're selecting "T90A", please enter the separate packing code "X".)
- 68) Must enter the separate packing code "S".
- 69) Must enter the separate packing code "X".
- 70) Must enter together with H00X, H02C, H02D or H34A.
Must enter the separate packing code "T".
- 71) Must specify with one of A450, A451, EC242, EC341, EC41, EC511, E61L1, U61C242, U61C291, U61C281, U61C671-*, U61C681-*, U71C671-* or U71C681-*.
- 72) Must specify with one of A420, A421, A450, A451 or C242.
- 73) Must specify T49N for the countries to prohibit use of Methanol.
Please check your country regulation.
- 74) Must specify with one of A460, A461, A465 or A466.
- 75) Must enter the separate packing code "T".
- 76) Must specify S31A.
- ★ Please see the "Matching Options".
- ☆ Please see the chart below for the item.

FULLY OIL CHARGED LIFT CYLINDER (January 2013)

Model	Mast Type	
8FG/8FD10.15.18.20.25.30	V	●
8FGK/8FDK20.25.30	FV	○
8FGJ/8FDJ35	FSV	●

INDEX: ○ Standard / ● Available

MAST INTERCHANGEABILITY

(February 2017)

Model		Mast Type																	
		8FG/8FD10						8FG/8FD15						8FG/8FD18					
		V		FSV		FV		V		FSV		FV		V		FSV		FV	
		2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping
8FG/8FD10	2 Way C/V	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	A4 Piping		●		●		●		●		●		●		●		●		●
8FG/8FD15	2 Way C/V	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	A4 Piping		●		●		●		●		●		●		●		●		●
8FG/8FD18	2 Way C/V		●		●		●		●		●		●		●		●		●
	A4 Piping		●		●		●		●		●		●		●		●		●

INDEX: ● Available

Model		Mast Type					
		8FGK/8FDK20.25					
		V		FSV		FV	
		2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping
8FGK/8FDK 20.25	2 Way C/V	●	●	●	●	●	●
	A4 Piping		●		●		●

INDEX: ● Available

Model		Mast Type					
		8FGK/8FDK30					
		V		FSV		FV	
		2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping
8FGK/8FDK30	2 Way C/V	●	●	●	●	●	●
	A4 Piping		●		●		●

INDEX: ● Available

Model		Mast Type					
		8FG/8FD20.25					
		V		FSV		FV	
		2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping
8FG/8FD20.25	2 Way C/V	●	●	●	●	●	●
	A4 Piping		●		●		●

INDEX: ● Available

Model		Mast Type					
		8FG/8FD30					
		V		FSV		FV	
		2 Way C/V	A4 Piping	2 Way C/V	A4 Piping	2 Way C/V	A4 Piping
8FG/8FD30	2 Way C/V	●	●	●	●	●	●
	A4 Piping		●		●		●

INDEX: ● Available

Model		Mast Type					
		8FGJ/8FDJ35					
		V		FSV		FV	
8FGJ/8FDJ35	2 Way C/V	●		●		●	
	A4 Piping	●		●		●	

INDEX: ● Available

NOTE: ● Mast may be interchanged with models within the same group.

<Important Notice>

Mast is incompatible with model before Aug. '09 production and after Aug. '09 production.

MAST WEIGHT

(April 2009)

Mast Type	Maximum Fork Height mm	Model				
		8FG/8FD10.15.18	8FGK/8FDK20.25	8FG/8FD20.25	8FGK/8FDK30 8FG/8FD30	8FGJ/8FDJ35
		kg	kg	kg	kg	kg
V	3000	370	440	440	550	640
	2700	350	420	460	530	620
	3300	400	460	510	580	670
	3500	410	480	520	600	700
	3700	430	500	550	620	720
	4000	480	550	600	680	790
	4500	540	600	660	740	860
	5000	570	640	700	780	900
FV	3000	400	450	500	560	670
	3300	420	470	520	580	700
	3500	430	490	540	600	740
	3700	450	510	560	620	760
	4000	500	550	610	680	830
FSV	3700	500	590	650	740	850
	4000	520	610	670	770	880
	4300	540	630	690	810	900
	4500	560	640	710	820	910
	4700	570	650	730	830	950
	5000	590	670	750	870	1060
	5500	630	710	790	960	1120
	6000	700	790	870	1020	1190
	6500	750	—	920	1080	1260
	7000	800	—	980	1140	1330

CAUTION:

The figures are without load backrest and forks.

The figures presented in this chart have been rounded off to the nearest number.

Use caution when applying them to specific products.

LONG FORKS

(October 2016)

Unit: mm

Model	Length	Width	Thickness	Long Forks
8FG/8FD10	770	100	30	●
	920			●
	1070			○
	1220		35	●
	1370			●
	1520			●
8FG/8FD15.18	850	100	35	●
	920			●
	1070			○
	1220			●
	1370			●
	1520			●
8FGK/8FDK20 8FG/8FD20	920	120	36	●
	1070			○
	1220			●
	1370		40	●
	1520			●
	1670			●
8FGK/8FDK25 8FG/8FD25	1820	120	40	●
	920			●
	1070			○
	1220			●
	1370			●
	1520			●
8FGK/8FDK30 8FG/8FD30	1670	120	44	●
	1820			●
	920			●
	1070			○
	1220			●
	1370			●
8FGJ/8FDJ35	1520	140	50	●
	1670			●
	920			●
	1070			○
	1220			●
	1370			●

INDEX: ○ Standard / ● Available

SLEEVED FORKS

(April 2009)

Unit: mm

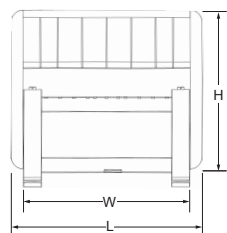
Model	Length	Sleeved Fork Length				
		1220	1370	1520	1670	1820
8FG/8FD10	770					
	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
8FG/8FD15.18	850					
	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
8FGK/8FDK20 8FG/8FD20	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
	1670					
	1820					

Model	Length	Sleeved Fork Length				
		1220	1370	1520	1670	1820
8FGK/8FDK25 8FG/8FD25	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
	1670					
	1820					
8FGK/8FDK30 8FG/8FD30	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
	1670					
	1820					
8FGJ/8FDJ35	920					
	1070	●	●	●		
	1220		●	●	●	●
	1370			●	●	●
	1520					
	1670					
	1820					

INDEX: ● Available

LONG FORKBAR AND HIGH LOAD BACKREST

(November 2020)



L: Outside width of load backrest
W: Length of forkbar
H: Height of load backrest
This picture is angle shape load backrest.

Unit: mm

Model	H	L *	1050	1150	1200	1300	1450	1600
		W	920	1020	1070	1170	1320	1470
8FG/8FD 10.15.18	920		●	●		●	●	●
	1070		●	●		●	●	●
	1220	○		●		●	●	●
	1370		●					
	1520		●					
	1670		●					
	1820		●					
8FGK/8FDK20.25 8FG/8FD20.25	920			●		●	●	●
	1070			●		●	●	●
	1220			○		●	●	●
	1370			●				
	1520			●				
	1670			●				
	1820			●				
8FGK/8FDK30 8FG/8FD30 8FGJ/8FDJ35	920				●	●	●	●
	1070				●	●	●	●
	1220				○	●	●	●
	1370				●			
	1520				●			
	1670				●			
	1820				●			

INDEX: ○ Standard / ● Available

NOTE: * Dimensions are angle shape load backrest
Plus 50 mm to the length of the forkbar when optional Flat Steel Type backrest is selected.

AVAILABILITY OF LPG FUEL SYSTEM CHART

(January 2008)

(Common for Exclusive Type and Convertible Type)

Item	Model	8FG10	8FG15.18	8FGK20.25 8FG20.25	8FGK30 8FG30	8FGJ35
	Engine Model	4Y	4Y	4Y	4Y	4Y
Damper Assisted Swing Down Bracket		○	○	○	○	○
LPG Fuel System Regulator		○	○	○	○	○
LPG Fuel System with Drain-equipped Regulator (1)		●	●	●	●	●
Fine Filter		○	○	○	○	○
Engine Speed Sensor LPG Cutoff Device		○	○	○	○	○
Without Bracket		●	●	●	●	●
Cylinder 15 kg with Level Gauge		●	●	●	●	●
Without LPG Cylinder 15 kg		●	●	●	●	●
Cylinder 20 kg with Level Gauge		●	●	●	●	●
Without LPG Cylinder 20 kg		●	●	●	●	●
LPG Remaining Fuel Warning Device		●	●	●	●	●
LPG Connector Valve		●	●	●	●	●

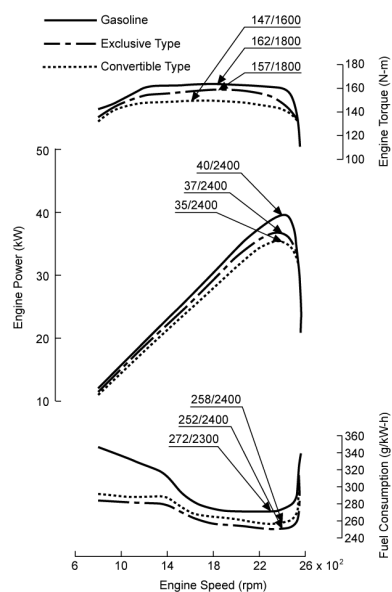
INDEX: ○ Standard / ● Available

NOTE: (1) Selecting the 3-way catalytic converter system as an option causes the drain-equipped regulator to be installed.

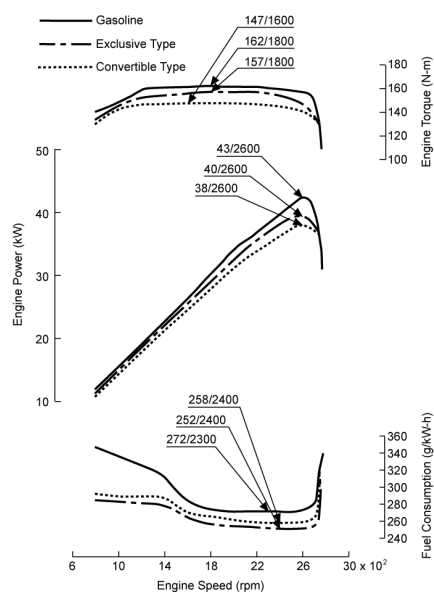
ENGINE PERFORMANCE CURVE (LP-GAS)

(January 2008)

4Y Engine (1-2 Ton Series)



4Y Engine (3 Ton Series)



HIGH CAPACITY ALTERNATOR

(May 2009)

Model		8FG/8FD10.15.18.20.25.30
		8FGJ/8FDJ35
Standard	(V-A)	12-50 (12-60)
High Capacity	(V-A)	12-60 (12-70)

() for 4Y engine models.

TIRE AVAILABILITY

(October 2019)

Model	Tire Arrangement		Pneumatic Tire			
			Tire Size	Rim Size (Type)	J-Lug [code]	Long Life (J-Lug) [code]
8FG/8FD10	Front	Single	6.00-9-10PR	4.00Ex9DT (Divided)	○	● [F02R]
			6.50-10-10PR	5.00Fx10DT (Divided)	● [F00G]	● [F02R, F00G]
		Dual	4.50-12-8PR	3.50Dx12DC (Drop-Center)	● [F00D]	● [F02R, F00D]
	Rear		5.00-8-8PR	3.00x8DT (Divided)	○	● [F42R]
				3.00x8TB (Side-Ring)	● [F60A]	● [F42R, F60A]
8FG/8FD15.18	Front	Single	6.50-10-10PR	5.00Fx10DT (Divided)	○	● [F02R]
			21x8-9-10PR	6.00Ex9TB (Side-Ring)	● [F00I]	● [F02R, F00I]
		Dual	4.50-12-8PR	3.50Dx12DC (Drop-Center)	● [F00D]	● [F02R, F00D]
	Rear		5.00-8-8PR	3.00x8DT (Divided)	○	● [F42R]
				3.00x8TB (Side-Ring)	● [F60A]	● [F42R, F60A]
8FGK/8FDK20.25	Front	Single	21x8-9-14PR	6.00Ex9 TB (Side-Ring)	○	
	Rear		18x7-8-10PR	4.25x8 DT (Divided)	○	
			18x7-8-16PR	4.33Rx8 TB (Side-Ring)	● [F60A]	
8FG/8FD20.25	Front	Single	7.00-12-12PR	5.00Sx12DT (Divided)	○	● [F02R]
		Dual	5.50-15-8PR	4.50Ex15SDC (Drop-Center)	● [F00D]	● [F02R, F00D]
			7.00-12-12PR	5.00Sx12TB (Side-Ring)	● [F00C]	● [F02R, F00C]
	Rear		6.00-9-10PR	4.00Ex9DT (Divided)	○	● [F42R]
				4.00Ex9TB (Side-Ring)	● [F60A]	● [F42R, F60A]
8FGK/8FDK30	Front	Single	23x9-10-16PR	6.50Fx10 TB (Side-Ring)	○	
	Rear		18x7-8-16PR	4.33Rx8 TB (Side-Ring)	○	
8FG/8FD30	Front	Single	28x9-15-12PR	7.00Tx15IR (Side-Ring)	○	● [F02R]
		Dual	6.00-15-10PR	4.50Ex15SDC (Drop-Center)	● [F00D]	● [F02R, F00D]
			28x8-15-12PR	6.00Sx15IR (Side-Ring)	● [F00C]	● [F02R, F00C]
	Rear		6.50-10-10PR	5.00Fx10DT (Divided)	○	● [F42R]
				5.00Fx10TB (Side-Ring)	● [F60A]	● [F42R, F60A]
				5.00Fx10TB (Side-Ring)	● [F60G]	● [F42R, F60G]
8FGJ/8FDJ35	Front	Single	250-15-16PR	7.00Tx15 IR (Side-Ring)	○	● [F02R]
		Dual	6.00-15-10PR	4.50Ex15SDC (Drop-Center)	● [F00D]	● [F02R, F00D]
			28x8-15-12PR	6.00Sx15IR (Side-Ring)	● [F00C]	● [F02R, F00C]
	Rear		6.50-10-12PR	5.00Fx10TB (Side-Ring)	○	● [F42R]

INDEX: ○ Standard / ● Available

Model	Tire Arrangement		Pneumatic-Shaped Cushion Tire			
			Tire Size	Rim Size (Type)	J-Lug [code]	Non-marking [code]
8FG/8FD10	Front	Single	6.00-9	4.00Ex9DT (Divided)	● [F01B]	● [F09D]
		Dual	4.50-12	3.00Dx12SDC (Drop-Center)	● [F01B, F00D]	
	Rear		5.00-8	3.00x8DT (Divided)	● [F41A]	● [F49D]
				3.00x8TB (Side-Ring)	● [F41A, F60A]	
8FG/8FD15.18	Front	Single	6.50-10	5.00Fx10DT (Divided)	● [F01B]	● [F09D]
			21x8-9	6.00Ex9TB (Side-Ring)	● [F01B, F00I]	
		Dual	4.50-12	3.00Dx12SDC (Drop-Center)	● [F00B, F00D]	
	Rear		5.00-8	3.00x8DT (Divided)	● [F41A]	● [F49D]
				3.00x8TB (Side-Ring)	● [F41A, F60A]	
8FGK/8FDK20.25	Front	Single	21x8-9	6.00Ex9 TB (Side-Ring)	● [F01B]	● [F09D]
	Rear		18x7-8	4.25 x8 DT (Divided)	● [F41A]	● [F49D]
				4.33Rx8 TB (Side-Ring)	● [F41A, F60A]	
8FG/8FD20.25	Front	Single	7.00-12	5.00Sx12DT (Divided)	● [F01B]	● [F09D]
		Dual	5.50-15	4.50Ex15SDC (Drop-Center)	● [F01B, F00D]	
			7.00-12	5.00Sx12TB (Side-Ring)	● [F01B, F00C]	
	Rear		6.00-9	4.00Ex9DT (Divided)	● [F41A]	● [F49D]
			6.50-10	5.00Fx10DT (Divided)	● 1) [F41A, F60D]	● 1) [F49D, F60D]
			6.00-9	4.00Ex9TB (Side-Ring)	● [F41A, F60A]	
8FGK/8FDK30	Front	Single	23x9-10	6.50Fx10 TB (Side-Ring)	● [F01B]	● [F09D]
	Rear		18x7-8	4.33Rx8 TB (Side-Ring)	● [F41A]	● [F49D]
8FG/8FD30	Front	Single	28x9-15	7.00Tx15IR (Side-Ring)	● [F01B]	● [F09D]
		Dual	6.00-15	4.50Ex15SDC (Drop-Center)	● [F01B, F00D]	
			7.00-15/6.00	6.00Sx15IR (Side-Ring)	● [F01B, F00C]	
	Rear		6.50-10	5.00Fx10DT (Divided)	● [F41A]	● [F49D]
				5.00Fx10TB (Side-Ring)	● [F41A, F60A]	
8FGJ/8FDJ35	Front	Single	250-15/7.00	7.00Tx15 IR (Side-Ring)	● [F01B]	● [F09D]
		Dual	6.00-15	4.50Ex15SDC (Drop-Center)	● [F01B, F00D]	
			7.00-15/6.00	6.00Sx15IR (Side-Ring)	● [F01B, F00C]	
	Rear		6.50-10	5.00Fx10TB (Side-Ring)	● [F41A]	● [F49D]

INDEX: ● Available

NOTE: 1) Not available on model 8FG/8FD20

MATCHING OPTIONS

(Column figures refer to matching with to the items listed at left)

[illegible]

[illegible]

INDEX: X Not available.

1. The combination of LPG Cylinder Bracket and Pre-cleaner are not possible on 8FGK/8FDK20.25.30 models.
2. Must specify the Defroster with OPT include Front Windshield.
3. The Heater w/ Defroster cannot be combined with Attachment Relief Valve (Pressure Reducing Valve).
4. The two LPG Cylinder Bracket is without LPG Cylinder Installation. Must specify w/o LPG Cylinder 20 kg, w/o LPG Cylinder 15 kg).
5. The LED Rear Working Light (Selective Lighting Condition) cannot be combined with Up Swept Exhaust + Pre-cleaner or Deluxe Cabin or Cabin w/ Folding Door or Canvas Cabin w/ Wiper and Washer.
6. The Up Swept Exhaust and LPG can be combined on 8FG/8FD25.30.J35.
7. The High-capacity Battery cannot be combined with Diesel Particulate Filter-III for the 1DZ-II model.
8. Cabin-equipped vehicles cannot be combined with the Swivel Seat or with the Mini Lever or Joystick.
9. Floor Mat is standard equipment on the Deluxe Cabin.
10. Must specify the Rust-proof Model (Fisherman Special) with Tilt Cylinder Hole Boats.
11. Can be combined with Low-noise Model (ZZ 32 engine models only).
12. Cannot be combined with High-capacity Battery for Diesel engine models.
13. Must specify the LPG Connector Valve with LPG Fuel System Exclusive Type (Z4) or LPG Fuel System Convertible Type (Z3).
14. Must specify the Deluxe Cabin with Rear-view Mirror, Right and Left Sides.
15. Must specify the China Certification Spec. with 1DZ-III Low-emission Diesel Engine (1DZ engine only).
16. Must specify the China Certification Spec. with Rear-view Mirror, Right and Left Sides.
17. The Heilification display II standard for the 1DZ engine includes Anti-restart Ignition Key Switch in the specifications.
18. 4V engine vehicle with 3-way Catalytic Converter System and Multifunction display II includes Anti-restart Ignition Key Switch in the specifications.
19. Must specify The Beijing Engine Certified Diesel Engine 10DZ-III Low-emission Diesel Engine.
20. Must specify the TELEMATICS WITH POC, if specify the AUSTRALIAN SPEC.(AS2359-2015 COMPLIED) and the KEY-LESS IGNITION SWITCH.
20. For 1ZS engine models, cannot be combined with Mini Lever, Joystick or Swivel Seat.

NOTE: For other matching please consult us.