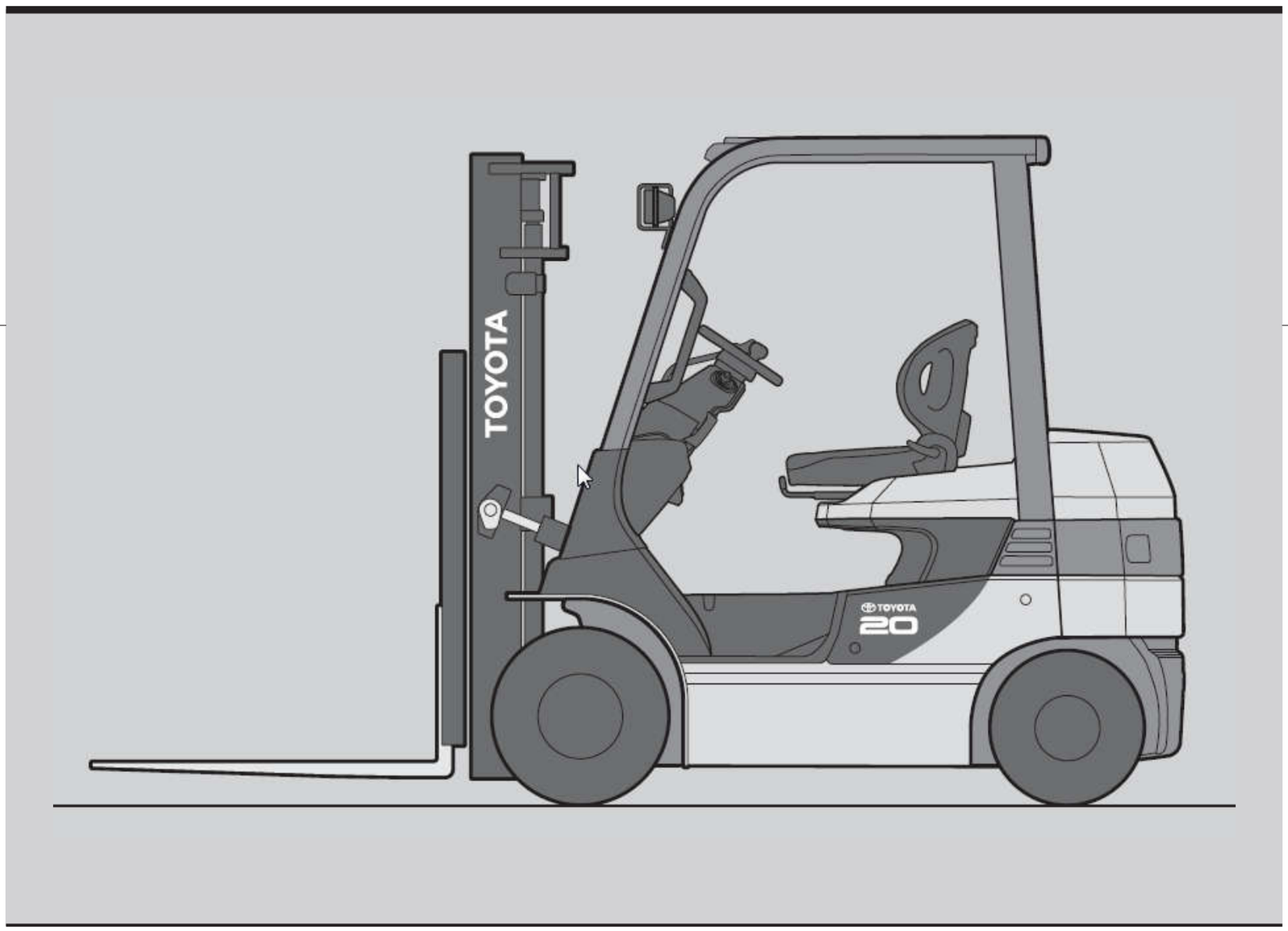
ELECTRIC POWERED FORKLIFT

8FB10-J35 1.0 to 3.5 Ton Series



TOYOTA

1,000 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB10**	**8FBH10**	2
3	Load Capacity			kg	1000	1000	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	140	140	10
13	Fork Size		L x W x T	mm	1070/100/30	1070/100/30	13
	Lateral Fork Adjustment		MAX./MIN.	mm	920/200	920/200	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2075	2075	15
16	Overall Width			mm	1060	1060	16
17	Mast Lowered Height			mm	1970	1970	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	1750	1750	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	400	400	22
	Rear Overhang			mm	265	265	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2150	2150	23
	Intersecting Aisle Width			mm	1705	1705	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	14.5/14.5	24
			No Load	km/h	17.0/17.0	17.0/17.0	
25		Lifting	Full Load	mm/sec	470	470	25
			No Load	mm/sec	650	650	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	550	550	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9260/8650 (940/880)	9220/8610(940/870)	27
			5-Minute Ratings	N (kg)	9260/8650(940/880)	9220/8610(940/870)	
			60-Minute Ratings	N (kg)	2750/2750(280/280)	2750/2750(280/280)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	26/26	23/26	29
			5-Minute Ratings	% (tanθ)	26/26	23/26	
			30-Minute Ratings	% (tanθ)	14/19	14/19	
32	Total Weight	Without Battery		kg	1940	2005	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	2950	3090	33
			Rear	kg	570	760	
34		No Load	Front	kg	1310	1450	34
			Rear	kg	1210	1400	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		6.00-9-10-PR (I)	6.00-9-10-PR (I)	36
37			Rear		5.00-8-8PR (I)	5.00-8-8PR (I)	37
38	Wheelbase			mm	1410	1410	38
39	Tread		Front	mm	885	885	39
			Rear	mm	895	895	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1105	1140	
	Drawbar Height			mm	430	430	
	Step Height/Floor Height			mm	430/615	430/695	
40	Underclearance	Mast (Full Load)		mm	75	75	40
41		Center of Wheelbase (Full Load)		mm	85	85	41
		Drive Axle (Full Load)		mm	75	75	
		Steer Axle (No Load)		mm	125	125	
		Counterweight (No Load)		mm	120	120	
		Minimum Under Clearance (Full Load)		mm	75(Mast)	75(Mast)	
	Grade Clearance	Frame		% (tanθ)	27	27	
		Counterweight		% (tanθ)	65	65	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/330	48/545	45
			High	V/AH	48/485	-	
46		Weight (STD Capacity Type)		kg	580	845	46
47	Electric Motors	Drive		kW	7.6	7.6	47
48		Load Handling		kW	9.5	9.5	48
		Energy Consumption According to VDI Cycle **		kWh/h	3.6	3.6	
54	Control Type	Drive			Trasistor inverter	Trasistor inverter	54
		Load Handling			Trasistor inverter	Trasistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	11.8 (1700)	11.8 (1700)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	-	-	
	Vibration in accordance with in EN13059			m/s2	-	-	

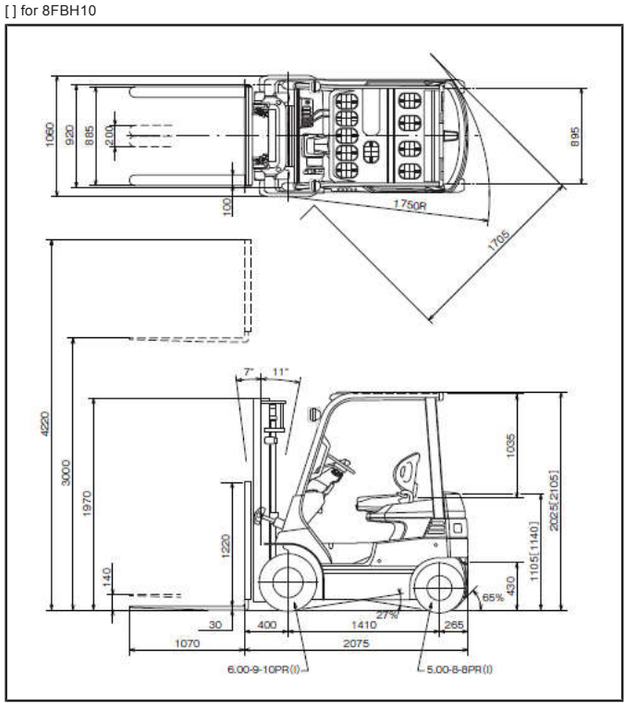
NOTE: * Computed values.

** 60 VDI Work Cycles/h with Tested Load of 1000 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

Unit: mm
[ ] for 8FBH10

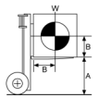


UNDERCLEARANCE

Unit: mm

Mast (Full Load)	75
Center of Wheelbase (Full Load)	85
Drive Axle (Full Load)	75
Steer Axle (No Load)	125
Counterweight (No Load)	120
Minimum Under Clearance (Full Load)	75(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	1000	1000	1000	1000	1000	1000	950
		600	900	900	900	900	900	900	850
		700	810	810	810	810	810	810	770
		800	750	750	750	750	750	750	710
		900	690	690	690	690	690	690	650
		1000	640	640	640	640	640	640	610
		1100	600	600	600	600	600	600	570
		1200	560	560	560	560	560	560	530
	Dual	500	1000	1000	1000	1000	1000	1000	1000
		600	900	900	900	900	900	900	900
		700	810	810	810	810	810	810	810
		800	750	750	750	750	750	750	750
		900	690	690	690	690	690	690	690
		1000	640	640	640	640	640	640	640
		1100	600	600	600	600	600	600	600
		1200	560	560	560	560	560	560	560

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	950	900	900	900	900	850	750	600
		600	850	810	810	810	810	760	670	540
		700	780	730	730	730	730	690	610	490
		800	710	670	670	670	670	640	560	450
		900	660	620	620	620	620	590	520	410
		1000	610	580	580	580	580	550	480	380
		1100	570	540	540	540	540	510	450	360
		1200	530	510	510	510	510	480	420	340
	Dual	500	950	900	900	900	900	850	850	800
		600	850	810	810	810	810	760	760	720
		700	780	730	730	730	730	690	690	650
		800	710	670	670	670	670	640	640	600
		900	660	620	620	620	620	590	590	500
		1000	610	580	580	580	580	550	550	510
		1100	570	540	540	540	540	510	510	480
		1200	530	510	510	510	510	480	480	450

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	**Maximum Fork Height**	**Overall Height**			**Free Lift**		**Tilt Range**		**Load Capacity at 500 mm LC**	
		Lowered	**Extended**		**Without Load Backrest**	**With Standard Load Backrest**				
			Without Load Backrest	**With Standard Load Backrest**			**FWD**	**BWD**	**PN**	**PSC**
	mm	**mm**	**mm**	**mm**	**mm**	**mm**	**deg**	**deg**	**kg**	**kg**
Wide Visible Mast (V)	2500	1720	3110	3420	140	140	7	11	1000	1000
	2700	1820	3310	3620	140	140	7	11	1000	1000
	3000	1970	3610	3920	140	140	7	11	1000	1000
	3300	2120	3910	4220	140	140	7	11	1000	1000
	3500	2220	4110	4420	140	140	7	11	1000	1000
	3700	2380	4310	4620	140	140	7	11	1000	1000
	4000	2570	4610	4920	140	140	7	11	1000	1000
	4500	2820	5110	5420	140	140	7	5	1000	1000
	5000	3070	5610	5920	140	140	7	5	950	1000
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1970	3570	3920	1400*	1050*	7	11	1000	1000
	3300	2120	3870	4220	1550*	1200*	7	11	1000	1000
	3500	2220	4070	4420	1650*	1300*	7	11	1000	1000
	3700	2380	4270	4620	1810*	1460*	7	11	1000	1000
	4000	2570	4570	4920	2000*	1650*	7	11	1000	1000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1770	4245	4620	1230*	850*	7	5	950	950
	4000	1870	4545	4920	1330*	950*	7	5	900	900
	4300	1970	4845	5220	1430*	1050*	7	5	900	900
	4500	2040	5045	5420	1500*	1120*	7	5	900	900
	4700	2120	5245	5620	1580*	1200*	7	5	900	900
	5000	2220	5545	5920	1680*	1300*	7	5	850	850
	5500	2380	6045	6420	1840*	1460*	7	5	750	850
	6000	2570	6545	6920	2030*	1650*	7	5	600	800

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 25mm longer.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

1,350 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB14**	**8FBH14**	2
3	Load Capacity			kg	1350	1350	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	145	145	10
13	Fork Size		L x W x T	mm	1070/100/35	1070/100/35	13
	Lateral Fork Adjustment		MAX./MIN.	mm	920/200	920/200	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2080	2080	15
16	Overall Width			mm	1060	1060	16
17	Mast Lowered Height			mm	1970	1970	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	1760	1760	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	405	405	22
	Rear Overhang			mm	265	265	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2165	2165	23
	Intersecting Aisle Width			mm	1725	1725	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	14.5/14.5	24
			No Load	km/h	17.0/17.0	17.0/17.0	
25		Lifting	Full Load	mm/sec	430	430	25
			No Load	mm/sec	650	650	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	550	550	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9200/8640(930/880)	9150/8600(930/870)	27
			5-Minute Ratings	N (kg)	9200/8640 (930/880)	9150/8600(930/870)	
			60-Minute Ratings	N (kg)	2750/2750 (280/280)	2750/2750 (280/280)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	22/26	21/25	29
			5-Minute Ratings	% (tanθ)	22/26	21/25	
			30-Minute Ratings	% (tanθ)	13/19	13/19	
32	Total Weight	Without Battery		kg	2030	2075	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	3550	3680	33
			Rear	kg	410	590	
34		No Load	Front	kg	1330	1460	34
			Rear	kg	1280	1460	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		6.00-9-10-PR (I)	6.00-9-10-PR (I)	36
37			Rear		5.00-8-8PR (I)	5.00-8-8PR (I)	37
38	Wheelbase			mm	1410	1410	38
39	Tread		Front	mm	885	885	39
			Rear	mm	895	895	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1105	1140	
	Drawbar Height				430	430	
	Step Height/Floor Height			mm	430/615	430/695	
40	Underclearance	Mast (Full Load)		mm	70	65	40
41		Center of Wheelbase (Full Load)		mm	85	85	41
		Drive Axle (Full Load)		mm	70	65	
		Steer Axle (No Load)		mm	125	125	
		Counterweight (No Load)		mm	120	120	
		Minimum Under Clearance (Full Load)		mm	70(Mast)	65(Mast)	
	Grade Clearance	Frame		% (tanθ)	27	27	
		Counterweight		% (tanθ)	65	65	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/330	48/545	45
			High	V/AH	48/485	-	
46		Weight (STD Capacity Type)		kg	580	845	46
47	Electric Motors	Drive		kW	7.6	7.6	47
48		Load Handling		kW	9.5	9.5	48
		Energy Consumption According to VDI Cycle **		kWh/h	3.8	3.8	
54	Control Type	Drive			Trasistor inverter	Trasistor inverter	54
		Load Handling			Trasistor inverter	Trasistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	11.8 (1700)	11.8 (1700)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	-	-	
	Vibration in accordance with in EN13059			m/s2	-	-	

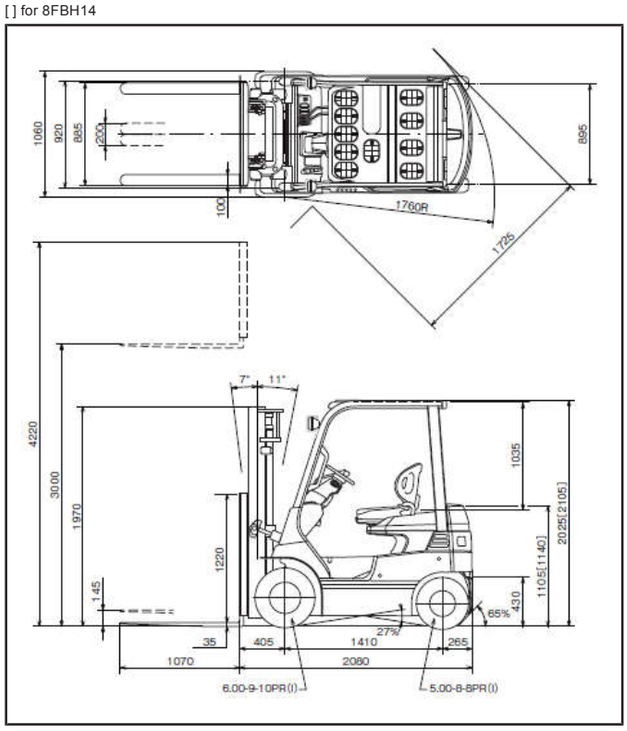
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 1350 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

Unit: mm
[ ] for 8FBH14

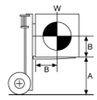


UNDERCLEARANCE

Unit: mm

Mast (Full Load)	70 [65]
Center of Wheelbase (Full Load)	85
Drive Axle (Full Load)	70 [65]
Steer Axle (No Load)	125
Counterweight (No Load)	120
Minimum Under Clearance (Full Load)	70 [65] (Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	1350	1350	1350	1350	1350	1250	1150
		600	1210	1210	1210	1210	1210	1120	1030
		700	1100	1100	1100	1100	1100	1020	940
		800	1010	1010	1010	1010	1010	930	860
		900	930	930	930	930	930	860	790
		1000	860	860	860	860	860	800	740
		1100	810	810	810	810	810	750	690
		1200	760	760	760	760	760	700	640
	Dual	500	1350	1350	1350	1350	1350	1250	1200
		600	1210	1210	1210	1210	1210	1120	1080
		700	1100	1100	1100	1100	1100	1020	980
		800	1010	1010	1010	1010	1010	930	900
		900	930	930	930	930	930	860	830
		1000	860	860	860	860	860	800	770
		1100	810	810	810	810	810	750	720
		1200	760	760	760	760	760	700	670

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1250	1200	1200	1150	1150	1000	800	650
		600	1120	1080	1080	1030	1030	900	720	580
		700	1020	980	980	940	940	820	650	530
		800	940	900	900	860	860	750	600	490
		900	870	830	830	800	800	690	550	450
		1000	810	770	770	740	740	640	510	420
		1100	750	720	720	690	690	600	480	390
		1200	710	680	680	650	650	560	450	360
	Dual	500	1250	1200	1200	1150	1150	1100	1100	1050
		600	1120	1080	1080	1030	1030	990	990	940
		700	1020	980	980	940	940	900	900	860
		800	940	900	900	860	860	830	830	790
		900	870	830	830	800	800	760	760	730
		1000	810	770	770	740	740	710	710	680
		1100	750	720	720	690	690	660	660	630
		1200	710	680	680	650	650	620	620	590

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1720	3105	3420	145	145	7	11	1350	1350
	2700	1820	3305	3620	145	145	7	11	1350	1350
	3000	1970	3605	3920	145	145	7	11	1350	1350
	3300	2120	3905	4220	145	145	7	11	1350	1350
	3500	2220	4105	4420	145	145	7	11	1350	1350
	3700	2380	4305	4620	145	145	7	11	1350	1350
	4000	2570	4605	4920	145	145	7	11	1350	1350
	4500	2820	5105	5420	145	145	7	5	1250	1250
	5000	3070	5605	5920	145	145	7	5	1150	1200
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1970	3565	3920	1405*	1050*	7	11	1350	1350
	3300	2120	3865	4220	1555*	1200*	7	11	1350	1350
	3500	2220	4065	4420	1655*	1300*	7	11	1350	1350
	3700	2380	4265	4620	1815*	1460*	7	11	1350	1350
	4000	2570	4565	4920	2005*	1650*	7	11	1350	1350
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1770	4240	4620	1235*	850*	7	5	1250	1250
	4000	1870	4540	4920	1335*	950*	7	5	1200	1200
	4300	1970	4840	5220	1435*	1050*	7	5	1200	1200
	4500	2040	5040	5420	1505*	1120*	7	5	1150	1150
	4700	2120	5240	5620	1585*	1200*	7	5	1150	1150
	5000	2220	5540	5920	1685*	1300*	7	5	1000	1100
	5500	2380	6040	6420	1845*	1460*	7	5	800	1100
	6000	2570	6540	6920	2035*	1650*	7	5	650	1050

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 25mm longer.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

1,500 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB15**	**8FBH15**	2
3	Load Capacity			kg	1500	1500	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	145	145	10
13	Fork Size		L x W x T	mm	1070/100/35	1070/100/35	13
	Lateral Fork Adjustment		MAX./MIN.	mm	920/200	920/200	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2080	2080	15
16	Overall Width			mm	1115	1115	16
17	Mast Lowered Height			mm	1970	1970	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	1770	1770	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	405	405	22
	Rear Overhang			mm	265	265	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2175	2175	23
	Intersecting Aisle Width			mm	1760	1760	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	14.5/14.5	24
			No Load	km/h	17.0/17.0	17.0/17.0	
25		Lifting	Full Load	mm/sec	420	420	25
			No Load	mm/sec	650	650	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	550	550	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9150/8620 (930/870)	9120/8590 (930/870)	27
			5-Minute Ratings	N (kg)	9150/8620 (930/870)	9120/8590 (930/870)	
			60-Minute Ratings	N (kg)	2750/2750 (280/280)	2750/2750 (280/280)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	20/25	19/25	29
			5-Minute Ratings	% (tanθ)	20/25	19/25	
			30-Minute Ratings	% (tanθ)	12/19	12/19	
32	Total Weight	Without Battery		kg	2060	2155	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	3790	3920	33
			Rear	kg	450	580	
34		No Load	Front	kg	1330	1460	34
			Rear	kg	1410	1540	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		6.00-9-10-PR (I)	6.00-9-10-PR (I)	36
37			Rear		5.00-8-8PR (I)	5.00-8-8PR (I)	37
38	Wheelbase			mm	1410	1410	38
39	Tread		Front	mm	960	960	39
			Rear	mm	895	895	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1105	1140	
	Drawbar Height			mm	430	430	
	Step Height/Floor Height			mm	430/615	430/695	
40	Underclearance	Mast (Full Load)		mm	65	65	40
41		Center of Wheelbase (Full Load)		mm	85	85	41
		Drive Axle (Full Load)		mm	65	65	
		Steer Axle (No Load)		mm	125	125	
		Counterweight (No Load)		mm	120	120	
		Minimum Under Clearance (Full Load)		mm	65(Mast)	65(Mast)	
	Grade Clearance	Frame		% (tanθ)	27	27	
		Counterweight		% (tanθ)	65	65	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/400	48/545	45
			High	V/AH	48/485	-	
46		Weight (STD Capacity Type)		kg	680	845	46
47	Electric Motors	Drive		kW	7.6	7.6	47
48		Load Handling		kW	9.5	9.5	48
		Energy Consumption According to VDI Cycle **		kWh/h	3.9	4.0	
54	Control Type	Drive			Trasistor inverter	Trasistor inverter	54
		Load Handling			Trasistor inverter	Trasistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	11.8 (1700)	11.8 (1700)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	68	68	
	Vibration in accordance with in EN13059			m/s2	1.5	1.5	

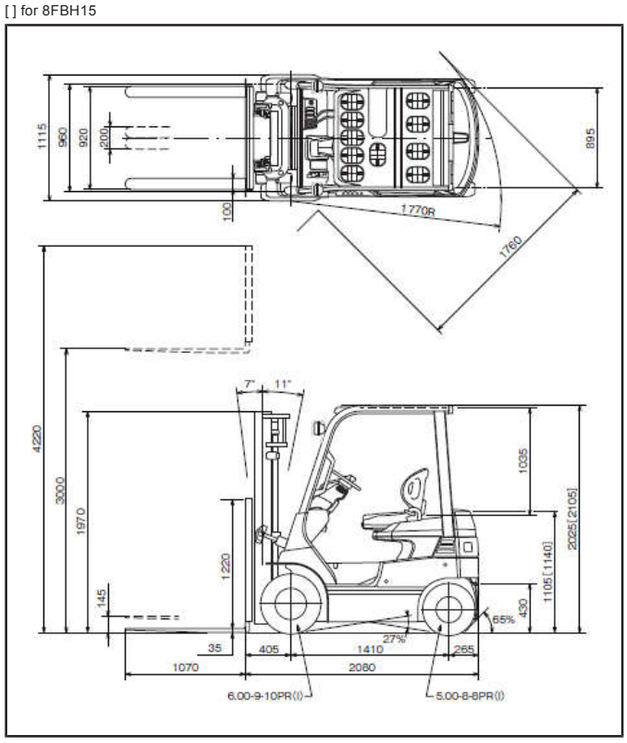
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 1500 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

Unit: mm
[ ] for 8FBH15

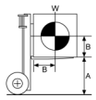


UNDERCLEARANCE

Unit: mm

Mast (Full Load)	65
Center of Wheelbase (Full Load)	85
Drive Axle (Full Load)	65
Steer Axle (No Load)	125
Counterweight (No Load)	120
Minimum Under Clearance (Full Load)	65(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	1500	1500	1500	1500	1500	1450	1350
		600	1350	1350	1350	1350	1350	1300	1210
		700	1220	1220	1220	1220	1220	1180	1100
		800	1120	1120	1120	1120	1120	1080	1010
		900	1040	1040	1040	1040	1040	1000	930
		1000	960	960	960	960	960	930	860
		1100	900	900	900	900	900	870	810
		1200	840	840	840	840	840	810	760
	Dual	500	1500	1500	1500	1500	1500	1450	1400
		600	1350	1350	1350	1350	1350	1300	1260
		700	1220	1220	1220	1220	1220	1180	1140
		800	1120	1120	1120	1120	1120	1080	1050
		900	1040	1040	1040	1040	1040	1040	970
		1000	960	960	960	960	960	960	900
		1100	900	900	900	900	900	870	840
		1200	840	840	840	840	840	810	780

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1400	1400	1400	1350	1350	1200	1100	900
		600	1260	1260	1260	1210	1210	1080	990	810
		700	1150	1150	1150	1100	1100	980	900	730
		800	1050	1050	1050	1010	1010	900	830	670
		900	970	970	970	940	940	830	760	620
		1000	900	900	900	870	870	770	710	580
		1100	840	840	840	810	810	720	660	540
		1200	790	790	790	760	760	680	620	510
	Dual	500	1400	1400	1400	1350	1350	1300	1250	1100
		600	1260	1260	1260	1210	1210	1170	1120	990
		700	1150	1150	1150	1100	1100	980	730	570
		800	1120	1050	1050	1010	1010	1060	1020	900
		900	970	970	970	940	940	900	870	760
		1000	900	900	900	870	870	840	810	710
		1100	840	840	840	810	810	780	750	660
		1200	790	790	790	760	760	730	710	620

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1720	3105	3420	145	145	7	11	1500	1500
	2700	1820	3305	3620	145	145	7	11	1500	1500
	3000	1970	3605	3920	145	145	7	11	1500	1500
	3300	2120	3905	4220	145	145	7	11	1500	1500
	3500	2220	4105	4420	145	145	7	11	1500	1500
	3700	2380	4305	4620	145	145	7	11	1500	1500
	4000	2570	4605	4920	145	145	7	5	1500	1500
	4500	2820	5105	5420	145	145	7	5	1450	1450
	5000	3070	5605	5920	145	145	7	11	1350	1400
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1970	3565	3920	1405*	1050*	7	11	1500	1500
	3300	2120	3865	4220	1555*	1200*	7	11	1500	1500
	3500	2220	4065	4420	1655*	1300*	7	11	1500	1500
	3700	2380	4265	4620	1815*	1460*	7	11	1500	1500
	4000	2570	4565	4920	2005*	1650*	7	5	1500	1500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1770	4240	4620	1235*	850*	7	5	1400	1400
	4000	1870	4540	4920	1335*	950*	7	5	1400	1400
	4300	1970	4840	5220	1435*	1050*	7	5	1400	1400
	4500	2040	5040	5420	1505*	1120*	7	5	1350	1350
	4700	2120	5240	5620	1585*	1200*	7	5	1350	1350
	5000	2220	5540	5920	1685*	1300*	7	5	1200	1300
	5500	2380	6040	6420	1845*	1460*	7	5	1100	1250
	6000	2570	6540	6920	2035*	1650*	7	5	900	1100

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 25mm longer.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

1,500 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	1
2	Model				**40-8FB15**	2
3	Load Capacity			kg	1500	3
4	Load Center			mm	500	4
5	Power Type				Battery	5
6	Operator Position				Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	9
10	Free Lift			mm	125	10
13	Fork Size		L x W x T	mm	1070/100/35	13
	Fork Spread (Outside)		MAX./MIN.	mm	920/200	
14	Tilt Range		FWD/BWD	deg	7/11	14
15	Length to Fork Face			mm	2215	15
16	Overall Width			mm	1160	16
17	Mast Lowered Height			mm	1975	17
18	Mast Extended Height			mm	4220	18
19	Overhead Guard Height			mm	2105	19
21	Turning Radius (Outside)			mm	1980	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	415	22
	Rear Overhang			mm	300	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2395	23
	Intersecting Aisle Width			mm	1825	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.0/14.0	24
			No Load	km/h	16.0/16.0	
25		Lifting	Full Load	mm/sec	380	25
			No Load	mm/sec	600	
26		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	11330/10640 (1150/1080)	27
			5-Minute Ratings	N (kg)	11330/10640 (1150/1080)	
			60-Minute Ratings	N (kg)	4710/4900 (480/500)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	24/25	29
			5-Minute Ratings	% (tanθ)	24/25	
			30-Minute Ratings	% (tanθ)	17/25	
32	Total Weight	Without Battery		kg	2465	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	4060	33
			Rear	kg	860	
34		No Load	Front	kg	1650	34
			Rear	kg	1770	
35	Tires	Number	Front/Rear		2/2	35
36		Size	Front		21X8-9-14PR (I)	36
37			Rear		18X7-8-14PR (I)	37
38	Wheelbase			mm	1500	38
39	Tread		Front	mm	970	39
			Rear	mm	940	
	Backrest Height				1220	
	Overhead Guard Clearance				1035	
	Counterweight Height				1135	
	Drawbar Height				280	
	Step Height/Floor Height				435/700	
40	Underclearance	Mast (Full Load)		mm	75	40
41		Center of Wheelbase (Full Load)		mm	90	41
		Drive Axle (Full Load)		mm	75	
		Steer Axle (No Load)		mm	120	
		Counterweight (No Load)		mm	115	
		Minimum Under Clearance (Full Load)		mm	75(Mast)	
	Grade Clearance	Frame		% (tanθ)	25	
		Counterweight		% (tanθ)	63	
42	Brake	Service (Foot)			Hydraulic	42
43		Parking			Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/600	45
			High	V/AH	48/730	
46		Weight (STD Capacity Type)		kg	955	46
47	Electric Motors	Drive		kW	10.7	47
48		Load Handling		kW	12.2	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.3	
54	Control Type	Drive			Transistor inverter	54
		Load Handling			Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7 (2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB (A)	-	
	Vibration in accordance with in EN13059			m/s2	-	

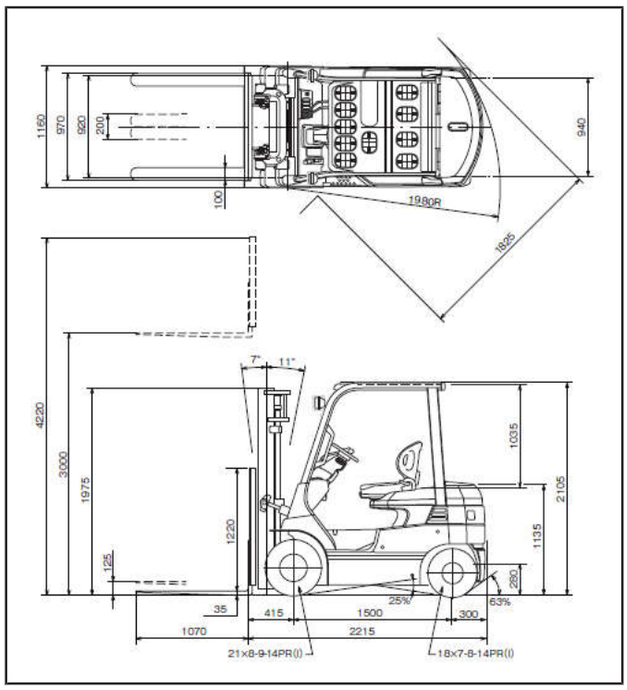
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 1500 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

Unit: mm

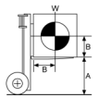


UNDERCLEARANCE

Unit: mm

Mast (Full Load)	75
Center of Wheelbase (Full Load)	90
Drive Axle (Full Load)	75
Counterweight (No Load)	120
Steer Axle (No Load)	115
Minimum Under Clearance (No Load)	75 (Frame)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	1500	1500	1500	1500	1500	1450	1350
		600	1350	1350	1350	1350	1350	1300	1210
		700	1230	1230	1230	1230	1230	1190	1100
		800	1120	1120	1120	1120	1120	1090	1010
		900	1040	1040	1040	1040	1040	1000	930
		1000	970	970	970	970	970	930	870
		1100	900	900	900	900	900	870	810
		1200	850	850	850	850	850	820	760
	Dual	500	1500	1500	1500	1500	1500	1450	1400
		600	1350	1350	1350	1350	1350	1300	1260
		700	1230	1230	1230	1230	1230	1190	1140
		800	1120	1120	1120	1120	1120	1090	1050
		900	1040	1040	1040	1040	1040	1000	975
		1000	970	970	970	970	970	930	900
		1100	900	900	900	900	900	870	840
		1200	850	850	850	850	850	820	790

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1400	1400	1400	1350	1350	1200	1100	900
		600	1260	1260	1260	1220	1220	1080	990	810
		700	1150	1150	1150	1110	1110	990	900	740
		800	1060	1060	1060	1020	1020	910	830	680
		900	980	980	980	940	940	840	770	630
		1000	910	910	910	880	880	780	710	580
		1100	850	850	850	820	820	730	670	550
		1200	800	800	800	770	770	680	630	510
	Dual	500	1400	1400	1400	1350	1350	1300	1250	1100
		600	1260	1260	1260	1220	1220	1170	1130	990
		700	1150	1150	1150	1110	1110	1070	1030	900
		800	1060	1060	1060	1020	1020	980	940	830
		900	980	980	980	940	940	910	870	770
		1000	910	910	910	880	880	840	810	710
		1100	850	850	850	820	820	790	760	670
		1200	800	800	800	770	770	740	710	630

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1725	3170	3420	125	125	7	11	1500	1500
	2700	1825	3370	3620	125	125	7	11	1500	1500
	3000	1975	3670	3920	125	125	7	11	1500	1500
	3300	2125	3970	4220	125	125	7	11	1500	1500
	3500	2225	4170	4420	125	125	7	11	1500	1500
	3700	2385	4370	4620	125	125	7	11	1500	1500
	4000	2575	4670	4920	125	125	7	11	1500	1500
	4500	2825	5170	5420	125	125	7	5	1450	1450
	5000	3075	5670	5920	125	125	7	5	1350	1400
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1975	3605	3920	1370*	1055*	7	11	1500	1500
	3300	2125	3905	4220	1520*	1205*	7	11	1500	1500
	3500	2225	4105	4420	1620*	1305*	7	11	1500	1500
	3700	2385	4305	4620	1780*	1465*	7	11	1500	1500
	4000	2575	4605	4920	1970*	1655*	7	11	1500	1500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1775	4345	4620	1130*	855*	7	5	1400	1400
	4000	1875	4645	4920	1230*	955*	7	5	1400	1400
	4300	1975	4945	5220	1330*	1055*	7	5	1400	1400
	4500	2045	5145	5420	1400*	1125*	7	5	1350	1350
	4700	2125	5345	5620	1480*	1205*	7	5	1350	1350
	5000	2225	5645	5920	1580*	1305*	7	5	1200	1300
	5500	2385	6145	6420	1740*	1465*	7	5	1100	1250
	6000	2575	6645	6920	1930*	1655*	7	5	900	1100

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 20mm longer.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

1,750 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB18**	**8FBH18**	2
3	Load Capacity			kg	1750	1750	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	145	145	10
13	Fork Size		L x W x T	mm	1070/100/35	1070/100/35	13
	Lateral Fork Adjustment		MAX./MIN.	mm	920/200	920/200	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2115	2115	15
16	Overall Width			mm	1115	1115	16
17	Mast Lowered Height			mm	1970	1970	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	1780	1780	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	405	405	22
	Rear Overhang			mm	300	300	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2185	2185	23
	Intersecting Aisle Width			mm	1775	1775	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	14.5/14.5	24
			No Load	km/h	17.0/17.0	17.0/17.0	
25		Lifting	Full Load	mm/sec	370	370	25
			No Load	mm/sec	650	650	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	550	550	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9240/8620(940/870)	9210/8600(930/870)	27
			5-Minute Ratings	N (kg)	9240/8620(940/870)	9210/8600(930/870)	
			60-Minute Ratings	N (kg)	2750/2940(280/300)	2750/2940(280/300)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	18/23	17/23	29
			5-Minute Ratings	% (tanθ)	18/23	17/23	
			30-Minute Ratings	% (tanθ)	11/18	11/18	
32	Total Weight	Without Battery		kg	2310	2355	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	4240	4330	33
			Rear	kg	500	620	
34		No Load	Front	kg	1370	1460	34
			Rear	kg	1620	1740	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		21X8-9-10PR (I)	21X8-9-10PR (I)	36
37			Rear		5.00-8-10PR (I)	5.00-8-10PR (I)	37
38	Wheelbase			mm	1410	1410	38
39	Tread		Front	mm	920	920	39
			Rear	mm	895	895	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1105	1140	
	Drawbar Height				430	430	
	Step Height/Floor Height			mm	430/615	430/695	
40	Underclearance	Mast (Full Load)		mm	65	65	40
41		Center of Wheelbase (Full Load)		mm	85	85	41
		Drive Axle (Full Load)		mm	65	65	
		Steer Axle (No Load)		mm	125	125	
		Counterweight (No Load)		mm	120	120	
		Minimum Under Clearance (Full Load)		mm	65(Mast)	65(Mast)	
	Grade Clearance	Frame		% (tanθ)	27	27	
		Counterweight		% (tanθ)	54	54	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/400	48/545	45
			High	V/AH	48/485	-	
46		Weight (STD Capacity Type)		kg	680	845	46
47	Electric Motors	Drive		kW	7.6	7.6	47
48		Load Handling		kW	9.5	9.5	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.2	4.3	
54	Control Type	Drive			Trasistor inverter	Trasistor inverter	54
		Load Handling			Trasistor inverter	Trasistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	11.8(1700)	11.8(1700)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB (A)	68	68	
	Vibration in accordance with in EN13059			m/s2	1.5	1.5	

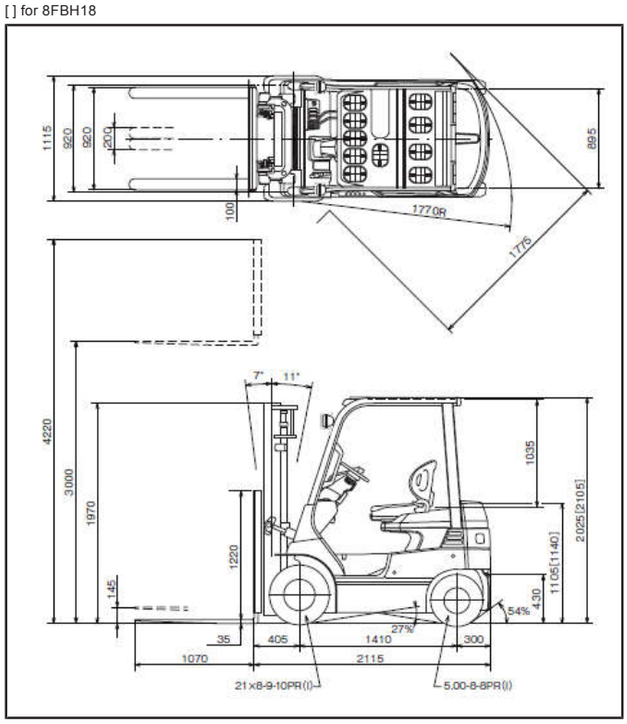
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 1750 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

Unit: mm
[ ] for 8FBH18

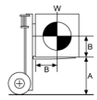


UNDERCLEARANCE

Unit: mm

Mast (Full Load)	65
Center of Wheelbase (Full Load)	85
Drive Axle (Full Load)	65
Steer Axle (No Load)	125
Counterweight (No Load)	120
Minimum Under Clearance (Full Load)	65(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	1750	1750	1750	1750	1750	1550	1200
		600	1570	1570	1570	1570	1570	1390	1080
		700	1430	1430	1430	1430	1430	1260	980
		800	1310	1310	1310	1310	1310	1160	900
		900	1210	1210	1210	1210	1210	1070	830
		1000	1120	1120	1120	1120	1120	990	770
		1100	1050	1050	1050	1050	1050	930	720
		1200	980	980	980	980	980	870	670
	Dual	500	1750	1750	1750	1750	1750	1650	1550
		600	1570	1570	1570	1570	1570	1480	1390
		700	1430	1430	1430	1430	1430	1350	1260
		800	1310	1310	1310	1310	1310	1230	1160
		900	1210	1210	1210	1210	1210	1140	1070
		1000	1120	1120	1120	1120	1120	1060	990
		1100	1050	1050	1050	1050	1050	990	930
		1200	980	980	980	980	980	930	870

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1600	1600	1550	1500	1500	1250	900	750
		600	1440	1440	1390	1350	1350	1120	810	670
		700	1310	1310	1270	1230	1230	1020	730	610
		800	1200	1200	1170	1130	1130	940	670	560
		900	1110	1110	1080	1040	1040	870	620	520
		1000	1030	1030	1000	970	970	810	580	480
		1100	970	970	930	900	900	750	540	450
		1200	910	910	880	850	850	710	510	420
	Dual	500	1600	1600	1550	1500	1500	1450	1400	1150
		600	1440	1440	1390	1350	1350	1300	1260	1030
		700	1310	1310	1270	1230	1230	1190	1150	940
		800	1200	1200	1170	1130	1130	1090	1050	860
		900	1100	1100	1080	1040	1040	1010	970	800
		1000	1030	1030	1000	970	970	940	900	740
		1100	970	970	930	900	900	870	840	690
		1200	910	910	880	850	850	820	790	650

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1720	3105	3420	145	145	7	11	1750	1750
	2700	1820	3305	3620	145	145	7	11	1750	1750
	3000	1970	3605	3920	145	145	7	11	1750	1750
	3300	2120	3905	4220	145	145	7	11	1750	1750
	3500	2220	4105	4420	145	145	7	11	1750	1750
	3700	2380	4305	4620	145	145	7	11	1750	1750
	4000	2570	4605	4920	145	145	7	5<11>	1750	1750
	4500	2820	5105	5420	145	145	7	5	1550	1650
	5000	3070	5605	5920	145	145	7	5	1200	1550
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1970	3565	3920	1405*	1050*	7	11	1750	1750
	3300	2120	3865	4220	1555*	1200*	7	11	1750	1750
	3500	2220	4065	4420	1655*	1300*	7	11	1750	1750
	3700	2380	4265	4620	1815*	1460*	7	11	1750	1750
	4000	2570	4565	4920	2005*	1650*	7	5<11>	1750	1750
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1770	4240	4620	1235*	850*	7	5	1600	1600
	4000	1870	4540	4920	1335*	950*	7	5	1600	1600
	4300	1970	4840	5220	1435*	1050*	7	5	1550	1550
	4500	2040	5040	5420	1505*	1120*	7	5	1500	1500
	4700	2120	5240	5620	1585*	1200*	7	5	1500	1500
	5000	2220	5540	5920	1685*	1300*	7	5	1250	1450
	5500	2380	6040	6420	1845*	1460*	7	5	900	1400
	6000	2570	6540	6920	2035*	1650*	7	5	750	1150

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 25mm longer.
< > for PN tires.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

2,000 kg

MAIN VEHICLE SPECIFICATIONS

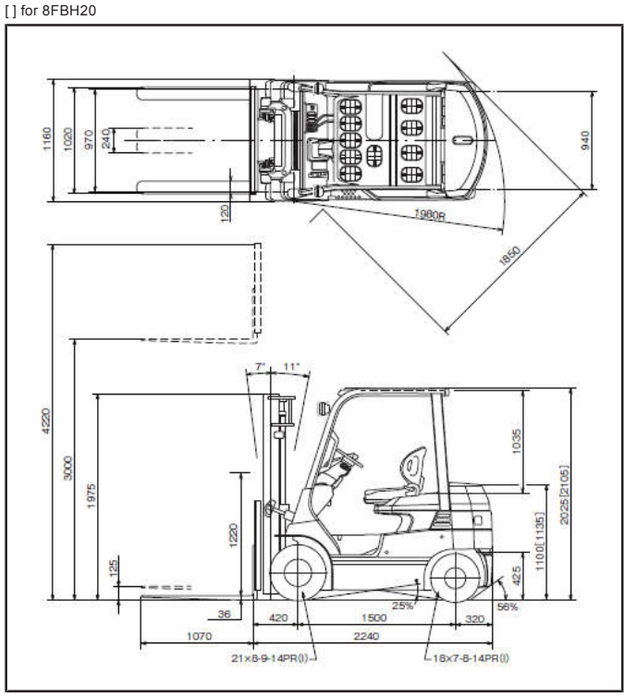
1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB20**	**8FBH20**	2
3	Load Capacity			kg	2000	2000	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	125	125	10
13	Fork Size		L x W x T	mm	1070/120/36	1070/120/36	13
	Lateral Fork Adjustment		MAX./MIN.	mm	1020/240	1020/240	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2240	2240	15
16	Overall Width			mm	1160	1160	16
17	Mast Lowered Height			mm	1975	1975	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	1980	1980	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	420	420	22
	Rear Overhang			mm	320	320	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2400	2400	23
	Intersecting Aisle Width			mm	1850	1850	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	14.5/14.5	24
			No Load	km/h	16.5/16.5	16.5/16.5	
25		Lifting	Full Load	mm/sec	360	360	25
			No Load	mm/sec	600	600	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	500	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	11260/10640 (1140/1080)	11210/10600 (1140/1080)	27
			5-Minute Ratings	N (kg)	11260/10640 (1140/1080)	11210/10600 (1140/1080)	
			60-Minute Ratings	N (kg)	4710/4900 (480/500)	4710/4900 (480/500)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	22/23	20/23	29
			5-Minute Ratings	% (tanθ)	22/23	20/23	
			30-Minute Ratings	% (tanθ)	15/22	15/22	
32	Total Weight	Without Battery		kg	2570	2590	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	4790	4980	33
			Rear	kg	530	770	
34		No Load	Front	kg	1560	1750	34
			Rear	kg	1760	2000	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		21X8-9-14PR (I)	21X8-9-14PR (I)	36
37			Rear		18X7-8-14PR (I)	18X7-8-14PR (I)	37
38	Wheelbase			mm	1500	1500	38
39	Tread		Front	mm	970	970	39
			Rear	mm	940	940	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1100	1135	
	Drawbar Height				425	425	
	Step Height/Floor Height			mm	435/620	435/700	
40	Underclearance	Mast (Full Load)		mm	70	70	40
41		Center of Wheelbase (Full Load)		mm	90	90	41
		Drive Axle (Full Load)		mm	70	70	
		Steer Axle (No Load)		mm	120	120	
		Counterweight (No Load)		mm	115	115	
		Minimum Under Clearance (Full Load)		mm	70(Mast)	70(Mast)	
	Grade Clearance	Frame		% (tanθ)	25	25	
		Counterweight		% (tanθ)	56	56	
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/450	48/730	45
			High	V/AH	48/600	-	
46		Weight (STD Capacity Type)		kg	750	1160	46
47	Electric Motors	Drive		kW	10.7	10.7	47
48		Load Handling		kW	12.2	12.2	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.1	4.2	
54	Control Type	Drive			Transistor inverter	Transistor inverter	54
		Load Handling			Transistor inverter	Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7(2100)	14.7(2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	67	67	
	Vibration in accordance with in EN13059			m/s2	1.5	1.5	

NOTE: * Computed values.
** 60 VDI circles/h with Tested Load of 2000 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

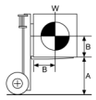
Unit: mm
[ ] for 8FBH20



UNDERCLEARANCE

Mast (Full Load)	70
Center of Wheelbase (Full Load)	90
Drive Axle (Full Load)	70
Steer Axle (No Load)	120
Counterweight (No Load)	115
Minimum Under Clearance (Full Load)	70(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	2000	2000	2000	2000	2000	1900	1650
		600	1800	1800	1800	1800	1800	1710	1480
		700	1640	1640	1640	1640	1640	1560	1350
		800	1500	1500	1500	1500	1500	1430	1240
		900	1390	1390	1390	1390	1390	1320	1150
		1000	1290	1290	1290	1290	1290	1230	1060
		1100	1210	1210	1210	1210	1210	1150	990
		1200	1130	1130	1130	1130	1130	1070	930
		1300	1070	1070	1070	1070	1070	1010	880
	Dual	500	2000	2000	2000	2000	2000	1900	1800
		600	1800	1800	1800	1800	1800	1710	1620
		700	1640	1640	1640	1640	1640	1560	1470
		800	1500	1500	1500	1500	1500	1430	1350
		900	1390	1390	1390	1390	1390	1320	1250
		1000	1290	1290	1290	1290	1290	1230	1160
		1100	1210	1210	1210	1210	1210	1150	1080
		1200	1130	1130	1130	1130	1130	1070	1020
		1300	1070	1070	1070	1070	1070	1010	960

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1900	1900	1850	1800	1800	1550	1200	900
		600	1710	1710	1670	1620	1620	1400	1080	810
		700	1560	1560	1520	1480	1480	1270	990	740
		800	1440	1440	1400	1360	1360	1170	910	680
		900	1330	1330	1300	1260	1260	1090	840	630
		1000	1240	1240	1210	1170	1170	1010	780	580
		1100	1160	1160	1130	1100	1100	940	730	550
		1200	1090	1090	1060	1030	1030	890	690	510
		1300	1030	1030	1000	970	970	840	650	480
	Dual	500	1900	1900	1850	1800	1800	1750	1700	1500
		600	1710	1710	1670	1620	1620	1580	1530	1350
		700	1560	1560	1520	1480	1480	1440	1400	1230
		800	1440	1440	1400	1360	1360	1320	1290	1130
		900	1330	1330	1300	1260	1260	1230	1190	1050
		1000	1240	1240	1210	1170	1170	1140	1110	980
		1100	1160	1160	1130	1100	1100	1070	1040	910
		1200	1090	1090	1060	1030	1030	1000	970	860
		1300	1030	1030	1000	970	970	940	920	810

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1725	3170	3420	125	125	7	11	2000	2000
	2700	1825	3370	3620	125	125	7	11	2000	2000
	3000	1975	3670	3920	125	125	7	11	2000	2000
	3300	2125	3970	4220	125	125	7	11	2000	2000
	3500	2225	4170	4420	125	125	7	11	2000	2000
	3700	2385	4370	4620	125	125	7	11	2000	2000
	4000	2575	4670	4920	125	125	7	11	2000	2000
	4500	2825	5170	5420	125	125	7	5	1900	1900
	5000	3075	5670	5920	125	125	7	5	1650	1800
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1975	3605	3920	1370*	1055*	7	11	2000	2000
	3300	2125	3905	4220	1520*	1205*	7	11	2000	2000
	3500	2225	4105	4420	1620*	1305*	7	11	2000	2000
	3700	2385	4305	4620	1780*	1465*	7	11	2000	2000
	4000	2575	4605	4920	1970*	1655*	7	11	2000	2000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1775	4345	4620	1130*	855*	7	5	1900	1900
	4000	1875	4645	4920	1230*	955*	7	5	1900	1900
	4300	1975	4945	5220	1330*	1055*	7	5	1850	1850
	4500	2045	5145	5420	1400*	1125*	7	5	1800	1800
	4700	2125	5345	5620	1480*	1205*	7	5	1800	1800
	5000	2225	5645	5920	1580*	1305*	7	5	1550	1750
	5500	2385	6145	6420	1740*	1465*	7	5	1200	1700
	6000	2575	6645	6920	1930*	1655*	7	5	900	1500

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 20mm longer.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

2,000 kg

MAIN VEHICLE SPECIFICATIONS

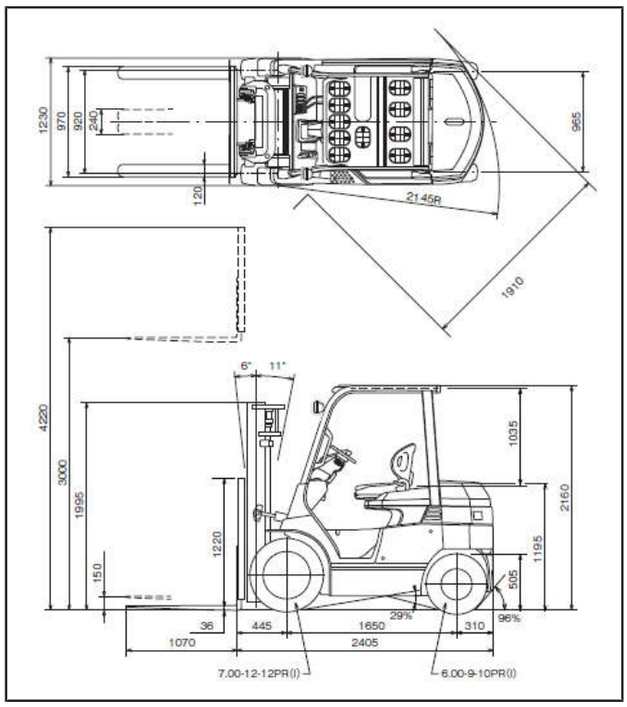
1	Manufacturer				TOYOTA	1
2	Model				**40-8FB20**	2
3	Load Capacity			kg	2000	3
4	Load Center			mm	500	4
5	Power Type				Battery	5
6	Operator Position				Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	9
10	Free Lift			mm	150	10
13	Fork Size		L x W x T	mm	1070/120/36	13
	Fork Spread (Outside)		MAX./MIN.	mm	1020/240	
14	Tilt Range		FWD/BWD	deg	6/11	14
15	Length to Fork Face			mm	2405	15
16	Overall Width			mm	1230	16
17	Mast Lowered Height			mm	1995	17
18	Mast Extended Height			mm	4220	18
19	Overhead Guard Height			mm	2160	19
21	Turning Radius (Outside)			mm	2145	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	445	22
	Rear Overhang			mm	310	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2590	23
	Intersecting Aisle Width			mm	1910	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	24
			No Load	km/h	15.5/15.5	
25		Lifting	Full Load	mm/sec	360	25
			No Load	mm/sec	600	
26		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	12650/11980 (1290/1220)	27
			5-Minute Ratings	N (kg)	12650/11980 (1290/1220)	
			60-Minute Ratings	N (kg)	5300/5390 (540/550)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	21/24	29
			5-Minute Ratings	% (tanθ)	21/24	
			30-Minute Ratings	% (tanθ)	14/21	
32	Total Weight	Without Battery		kg	2890	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	5160	33
			Rear	kg	1050	
34		No Load	Front	kg	2010	34
			Rear	kg	2200	
35	Tires	Number	Front/Rear		2/2	35
36		Size	Front		7.00-12-12PR (I)	36
37			Rear		6.00-9-10PR (I)	37
38	Wheelbase			mm	1650	38
39	Tread		Front	mm	960	39
			Rear	mm	965	
	Backrest Height				1220	
	Overhead Guard Clearance				1035	
	Counterweight Height				1195	
	Drawbar Height				505	
	Step Height/Floor Height				490/755	
40	Underclearance	Mast (Full Load)		mm	85	40
41		Center of Wheelbase (Full Load)		mm	110	41
		Drive Axle (Full Load)		mm	125	
		Steer Axle (No Load)			150	
		Counterweight (No Load)		mm	160	
		Minimum Under Clearance (Full Load)		mm	85(Mast)	
	Grade Clearance	Frame		% (tanθ)	29	
		Counterweight		% (tanθ)	96	
42	Brake	Service (Foot)			Hydraulic	42
43		Parking			Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/845	45
			High	V/AH	-	
46		Weight (STD Capacity Type)		kg	1320	46
47	Electric Motors	Drive		kW	10.7	47
48		Load Handling		kW	12.2	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.2	
54	Control Type	Drive			Transistor inverter	54
		Load Handling			Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7 (2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB (A)	-	
	Vibration in accordance with in EN13059			m/s2	-	

NOTE: * Computed values.
** 60 VDI circles/h with Tested Load of 2000 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

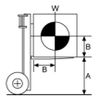
Unit: mm



UNDERCLEARANCE

Mast (Full Load)	85
Center of Wheelbase (Full Load)	110
Drive Axle (Full Load)	125
Steer Axle (No Load)	150
Counterweight (No Load)	160
Minimum Under Clearance (No Load)	85(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	2000	2000	2000	2000	2000	1900	1650
		600	1810	1810	1810	1810	1810	1720	1490
		700	1650	1650	1650	1650	1650	1570	1360
		800	1520	1520	1520	1520	1520	1440	1250
		900	1410	1410	1410	1410	1410	1340	1160
		1000	1310	1310	1310	1310	1310	1250	1080
		1100	1230	1230	1230	1230	1230	1170	1010
		1200	1150	1150	1150	1150	1150	1090	950
		1300	1090	1090	1090	1090	1090	1030	900
	Dual	500	2000	2000	2000	2000	2000	1900	1800
		600	1810	1810	1810	1810	1810	1720	1630
		700	1650	1650	1650	1650	1650	1570	1490
		800	1520	1520	1520	1520	1520	1440	1370
		900	1410	1410	1410	1410	1410	1340	1270
		1000	1310	1310	1310	1310	1310	1250	1180
		1100	1230	1230	1230	1230	1230	1170	1100
		1200	1150	1150	1150	1150	1150	1090	1040
		1300	1090	1090	1090	1090	1090	1030	980

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	1900	1900	1850	1800	1800	1550	1200	900
		600	1720	1720	1670	1630	1630	1400	1080	810
		700	1570	1570	1530	1490	1490	1280	990	740
		800	1450	1450	1410	1370	1370	1180	910	680
		900	1340	1340	1310	1270	1270	1100	850	630
		1000	1250	1250	1220	1190	1190	1020	790	590
		1100	1170	1170	1140	1110	1110	960	740	550
		1200	1100	1100	1070	1040	1040	900	690	520
		1300	1040	1040	1010	990	990	850	660	490
	Dual	500	1900	1900	1850	1800	1800	1750	1700	1500
		600	1720	1720	1670	1630	1630	1580	1540	1360
		700	1570	1570	1530	1490	1490	1450	1410	1240
		800	1450	1450	1410	1370	1370	1330	1300	1140
		900	1340	1340	1310	1270	1270	1240	1200	1060
		1000	1250	1250	1220	1190	1190	1150	1120	990
		1100	1170	1170	1140	1110	1110	1080	1050	930
		1200	1100	1100	1070	1040	1040	1020	990	870
		1300	1040	1040	1010	990	990	960	930	820

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1745	3160	3420	150	150	6	11	2000	2000
	2700	1845	3360	3620	150	150	6	11	2000	2000
	3000	1995	3660	3920	150	150	6	11	2000	2000
	3300	2145	3960	4220	150	150	6	11	2000	2000
	3500	2245	4160	4420	150	150	6	11	2000	2000
	3700	2405	4360	4620	150	150	6	11	2000	2000
	4000	2595	4660	4920	150	150	6	11	2000	2000
	4500	2845	5160	5420	150	150	6	6	1900	1900
	5000	3095	5660	5920	150	150	6	6	1650	1800
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1995	3600	3920	1395	1075	6	11	2000	2000
	3300	2145	3900	4220	1545	1225	6	11	2000	2000
	3500	2245	4100	4420	1645	1325	6	11	2000	2000
	3700	2405	4300	4620	1805	1485	6	11	2000	2000
	4000	2595	4600	4920	1995	1675	6	11	2000	2000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1795	4270	4620	1225	875	6	6	1900	1900
	4000	1895	4570	4920	1325	975	6	6	1900	1900
	4300	1995	4870	5220	1425	1075	6	6	1850	1850
	4500	2065	5070	5420	1495	1145	6	6	1800	1800
	4700	2145	5270	5620	1575	1225	6	6	1800	1800
	5000	2245	5570	5920	1675	1325	6	6	1550	1750
	5500	2405	6070	6420	1835	1485	6	6	1200	1700
	6000	2595	6570	6920	2025	1675	6	6	900	1500

NOTE: Height of standard load backrest is 920 mm.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

2,500 kg

MAIN VEHICLE SPECIFICATIONS

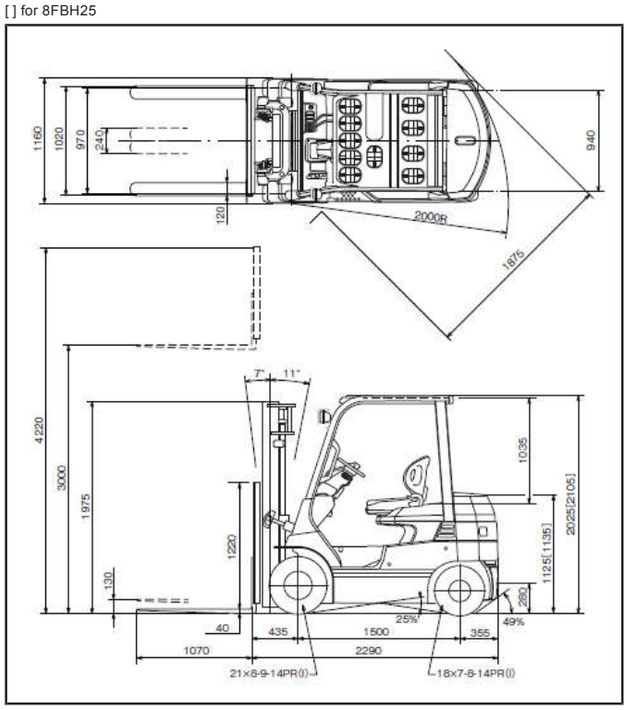
1	Manufacturer				TOYOTA	TOYOTA	1
2	Model				**8FB25**	**8FBH25**	2
3	Load Capacity			kg	2500	2500	3
4	Load Center			mm	500	500	4
5	Power Type				Battery	Battery	5
6	Operator Position				Rider Seated	Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	3000	9
10	Free Lift			mm	130	130	10
13	Fork Size		L x W x T	mm	1070/120/40	1070/120/40	13
	Lateral Fork Adjustment		MAX./MIN.	mm	1020/240	1020/240	
14	Tilt Range		FWD/BWD	deg	7/11	7/11	14
15	Length to Fork Face			mm	2290	2290	15
16	Overall Width			mm	1160	1160	16
17	Mast Lowered Height			mm	1975	1975	17
18	Mast Extended Height			mm	4220	4220	18
19	Overhead Guard Height			mm	2025	2105	19
21	Turning Radius (Outside)			mm	2000	2000	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	435	435	22
	Rear Overhang			mm	355	355	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2430	2430	23
	Intersecting Aisle Width			mm	1875	1875	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.0/14.0	14.0/14.0	24
			No Load	km/h	16.0/16.0	16.0/16.0	
25		Lifting	Full Load	mm/sec	340	340	25
			No Load	mm/sec	600	600	
26		Lowering	Full Load	mm/sec	500	500	26
			No Load	mm/sec	500	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	11090/10560 (1130/1070)	11060/11530 (1120/1170)	27
			5-Minute Ratings	N (kg)	11090/10560 (1130/1070)	11060/11530 (1120/1170)	
			60-Minute Ratings	N (kg)	4510/4810 (460/490)	4510/4810 (460/490)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	18/20	17/21	29
			5-Minute Ratings	% (tanθ)	18/20	17/21	
			30-Minute Ratings	% (tanθ)	12/20	12/20	
32	Total Weight	Without Battery		kg	2960	2960	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	5630	5800	33
			Rear	kg	710	820	
34		No Load	Front	kg	1570	1740	34
			Rear	kg	2270	2380	
35	Tires	Number	Front/Rear		2/2	2/2	35
36		Size	Front		21X8-9-14PR (I)	21X8-9-14PR (I)	36
37			Rear		18X7-8-14PR (I)	18X7-8-14PR (I)	37
38	Wheelbase			mm	1500	1500	38
39	Tread		Front	mm	970	970	39
			Rear	mm	940	940	
	Backrest Height			mm	1220	1220	
	Overhead Guard Clearance			mm	1035	1035	
	Counterweight Height			mm	1125	1135	
	Drawbar Height				280	280	
	Step Height/Floor Height			mm	435/620	435/700	
40	Underclearance	Mast (Full Load)		mm	65	65	40
41		Center of Wheelbase (Full Load)		mm	85	85	41
		Drive Axle (Full Load)		mm	65	65	
		Steer Axle (No Load)		mm	120	120	
		Counterweight (No Load)		mm	115	115	
		Minimum Under Clearance (Full Load)		mm	65(Mast)	65(Mast)	
	Grade Clearance	Frame		% (tanθ)	25	25	
		Counterweight		% (tanθ)	49	49	49
42	Brake	Service (Foot)			Hydraulic	Hydraulic	42
43		Parking			Hand	Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/565	48/730	45
			High	V/AH	48/600	-	
46		Weight (STD Capacity Type)		kg	880	1160	46
47	Electric Motors	Drive		kW	10.7	10.7	47
48		Load Handling		kW	12.2	12.2	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.5	4.6	
54	Control Type	Drive			Transistor inverter	Transistor inverter	54
		Load Handling			Transistor inverter	Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7(2100)	14.7(2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	67	67	
	Vibration in accordance with in EN13059			m/s2	1.5	1.5	

NOTE: * Computed values.
** 60 VDI Work Cycles/h with Tested Load of 2500 kg

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

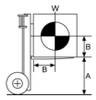
Unit: mm
[ ] for 8FBH25



UNDERCLEARANCE

Mast (Full Load)	65
Center of Wheelbase (Full Load)	85
Drive Axle (Full Load)	65
Steer Axle (No Load)	120
Counterweight (No Load)	115
Minimum Under Clearance (No Load)	65(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	2500	2500	2500	2500	2500	2300	1800
		600	2250	2250	2250	2250	2250	2070	1620
		700	2050	2050	2050	2050	2050	1890	1480
		800	1890	1890	1890	1890	1890	1730	1360
		900	1740	1740	1740	1740	1740	1600	1250
		1000	1620	1620	1620	1620	1620	1490	1170
		1100	1520	1520	1520	1520	1520	1390	1090
		1200	1420	1420	1420	1420	1420	1310	1020
		1300	1340	1340	1340	1340	1340	1230	960
	Dual	500	2500	2500	2500	2500	2500	2450	2350
		600	2250	2250	2250	2250	2250	2210	2120
		700	2050	2050	2050	2050	2050	2010	1930
		800	1890	1890	1890	1890	1890	1850	1770
		900	1740	1740	1740	1740	1740	1710	1640
		1000	1620	1620	1620	1620	1620	1590	1520
		1100	1520	1520	1520	1520	1520	1490	1420
		1200	1420	1420	1420	1420	1420	1390	1340
		1300	1340	1340	1340	1340	1340	1310	1260

V, FV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	2400	2400	2300	2050	2050	1650	1250	1000
		600	2170	2170	2080	1850	1850	1490	1130	900
		700	1980	1980	1900	1690	1690	1360	1030	820
		800	1820	1820	1750	1560	1560	1250	950	760
		900	1690	1690	1620	1440	1440	1160	880	700
		1000	1570	1570	1510	1340	1340	1080	820	650
		1100	1470	1470	1410	1260	1260	1010	760	610
		1200	1380	1380	1320	1180	1180	950	720	570
		1300	1300	1300	1250	1110	1110	890	680	540
	Dual	500	2400	2400	2400	2300	2300	2200	2000	1550
		600	2170	2170	2170	2080	2080	1990	1810	1400
		700	1980	1980	1980	1900	1900	1820	1650	1280
		800	1820	1820	1820	1750	1750	1670	1520	1180
		900	1690	1690	1690	1620	1620	1550	1410	1090
		1000	1570	1570	1570	1510	1510	1440	1310	1010
		1100	1470	1470	1470	1410	1410	1350	1230	950
		1200	1380	1380	1380	1320	1320	1270	1150	890
		1300	1300	1300	1300	1250	1250	1190	1090	840

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1725	3165	3420	130	130	7	11	2500	2500
	2700	1825	3365	3620	130	130	7	11	2500	2500
	3000	1975	3665	3920	130	130	7	11	2500	2500
	3300	2125	3965	4220	130	130	7	11	2500	2500
	3500	2225	4165	4420	130	130	7	11	2500	2500
	3700	2385	4365	4620	130	130	7	11	2500	2500
	4000	2575	4665	4920	130	130	7	5<11>	2500	2500
	4500	2825	5165	5420	130	130	7	5	2300	2450
	5000	3075	5665	5920	130	130	7	5	1800	2350
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1975	3600	3920	1375*	1055*	7	11	2500	2500
	3300	2125	3900	4220	1525*	1205*	7	11	2500	2500
	3500	2225	4100	4420	1625*	1305*	7	11	2500	2500
	3700	2385	4300	4620	1785*	1465*	7	11	2500	2500
	4000	2575	4600	4920	1975*	1655*	7	5<11>	2500	2500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1775	4340	4620	1135*	855*	7	5	2400	2400
	4000	1875	4640	4920	1235*	955*	7	5	2400	2400
	4300	1975	4940	5220	1335*	1055*	7	5	2300	2400
	4500	2045	5140	5420	1405*	1125*	7	5	2050	2300
	4700	2125	5340	5620	1485*	1205*	7	5	2050	2300
	5000	2225	5640	5920	1585*	1305*	7	5	1650	2200
	5500	2385	6140	6420	1745*	1465*	7	5	1250	2000
	6000	2575	6640	6920	1935*	1655*	7	5	1000	1550

NOTE: Height of standard load backrest is 920 mm.
* with optional tire sized 6.50-10-12PR,free lift is 20mm longer.
< > for PN tires.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

2,500 kg

MAIN VEHICLE SPECIFICATIONS

1	Manufacturer				TOYOTA	1
2	Model				**40-8FB25**	2
3	Load Capacity			kg	2500	3
4	Load Center			mm	500	4
5	Power Type				Battery	5
6	Operator Position				Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	9
10	Free Lift			mm	155	10
13	Fork Size		L x W x T	mm	1070/120/40	13
	Fork Spread (Outside)		MAX./MIN.	mm	1020/240	
14	Tilt Range		FWD/BWD	deg	6/11	14
15	Length to Fork Face			mm	2435	15
16	Overall Width			mm	1230	16
17	Mast Lowered Height			mm	1995	17
18	Mast Extended Height			mm	4220	18
19	Overhead Guard Height			mm	2160	19
21	Turning Radius (Outside)			mm	2170	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	475	22
	Rear Overhang			mm	310	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2640	23
	Intersecting Aisle Width			mm	1915	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5	24
			No Load	km/h	15.5/15.5	
25		Lifting	Full Load	mm/sec	340	25
			No Load	mm/sec	600	
26		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	12890/12010 (1310/1220)	27
			5-Minute Ratings	N (kg)	12890/12010 (1310/1220)	
			60-Minute Ratings	N (kg)	5200/5300 (530/540)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	20/24	29
			5-Minute Ratings	% (tanθ)	20/24	
			30-Minute Ratings	% (tanθ)	13/20	
32	Total Weight	Without Battery		kg	3000	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	6020	33
			Rear	kg	800	
34		No Load	Front	kg	2040	34
			Rear	kg	2280	
35	Tires	Number	Front/Rear		2/2	35
36		Size	Front		7.00-12-12PR (I)	36
37			Rear		6.00-9-10PR (I)	37
38	Wheelbase			mm	1650	38
39	Tread		Front	mm	960	39
			Rear	mm	965	
	Backrest Height				1220	
	Overhead Guard Clearance				1035	
	Counterweight Height				1195	
	Drawbar Height				505	
	Step Height/Floor Height				490/755	
40	Underclearance	Mast (Full Load)		mm	75	40
41		Center of Wheelbase (Full Load)		mm	110	41
		Drive Axle (Full Load)		mm	115	
		Steer Axle (No Load)		mm	150	
		Counterweight (No Load)		mm	160	
		Minimum Under Clearance (Full Load)		mm	75(Mast)	
	Grade Clearance	Frame		% (tanθ)	29	
		Counterweight		% (tanθ)	96	
42	Brake	Service (Foot)			Hydraulic	42
43		Parking			Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/845	45
			High	V/AH	-	
46		Weight (STD Capacity Type)		kg	1320	46
47	Electric Motors	Drive		kW	10.7	47
48		Load Handling		kW	12.2	48
		Energy Consumption According to VDI Cycle **		kWh/h	4.6	
54	Control Type	Drive			Transistor inverter	54
		Load Handling			Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7 (2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB(A)	-	
	Vibration in accordance with in EN13059			m/s2	-	

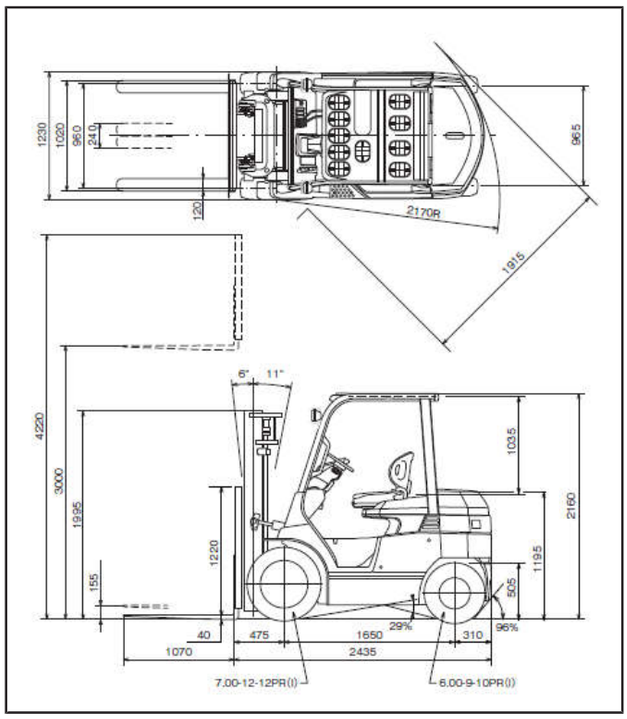
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 2500 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

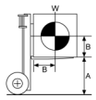
Unit: mm



UNDERCLEARANCE

Mast (Full Load)	75
Center of Wheelbase (Full Load)	110
Drive Axle (Full Load)	115
Steer Axle (No Load)	150
Counterweight (No Load)	160
Minimum Under Clearance (No Load)	75(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	2500	2500	2500	2500	2500	2300	1800
		600	2260	2260	2260	2260	2260	2080	1630
		700	2070	2070	2070	2070	2070	1900	1490
		800	1910	1910	1910	1910	1910	1750	1370
		900	1770	1770	1770	1770	1770	1620	1270
		1000	1650	1650	1650	1650	1650	1510	1180
		1100	1540	1540	1540	1540	1540	1420	1110
		1200	1450	1450	1450	1450	1450	1330	1040
		1300	1370	1370	1370	1370	1370	1260	980
	Dual	500	2500	2500	2500	2500	2500	2450	2350
		600	2260	2260	2260	2260	2260	2220	2130
		700	2070	2070	2070	2070	2070	2030	1940
		800	1910	1910	1910	1910	1910	1870	1790
		900	1770	1770	1770	1770	1770	1730	1660
		1000	1650	1650	1650	1650	1650	1610	1550
		1100	1540	1540	1540	1540	1540	1510	1450
		1200	1450	1450	1450	1450	1450	1420	1360
		1300	1370	1370	1370	1370	1370	1340	1280

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	2400	2400	2300	2050	2050	1650	1250	1000
		600	2170	2170	2080	1860	1860	1490	1130	900
		700	1990	1990	1910	1700	1700	1370	1030	830
		800	1840	1840	1760	1570	1570	1260	950	760
		900	1700	1700	1630	1460	1460	1170	890	710
		1000	1590	1590	1520	1360	1360	1090	830	660
		1100	1490	1490	1430	1270	1270	1020	770	620
		1200	1400	1400	1340	1200	1200	960	730	580
		1300	1320	1320	1270	1130	1130	910	690	550
	Dual	500	2400	2400	2400	2300	2300	2200	2000	1550
		600	2170	2170	2170	2080	2080	1990	1810	1400
		700	1990	1990	1990	1910	1910	1830	1660	1280
		800	1840	1840	1840	1760	1760	1680	1530	1180
		900	1700	1700	1700	1630	1630	1560	1420	1100
		1000	1590	1590	1590	1520	1520	1460	1320	1020
		1100	1490	1490	1490	1430	1430	1360	1240	960
		1200	1400	1400	1400	1340	1340	1280	1170	900
		1300	1320	1320	1320	1270	1270	1210	1100	850

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1745	3150	3420	155	155	6	11	2500	2500
	2700	1845	3350	3620	155	155	6	11	2500	2500
	3000	1995	3650	3920	155	155	6	11	2500	2500
	3300	2145	3950	4220	155	155	6	11	2500	2500
	3500	2245	4150	4420	155	155	6	11	2500	2500
	3700	2405	4350	4620	155	155	6	11	2500	2500
	4000	2595	4650	4920	155	155	6	6<11>	2500	2500
	4500	2845	5150	5420	155	155	6	6	2300	2450
	5000	3095	5650	5920	155	155	6	6	1800	2350
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	1995	3595	3920	1400	1075	6	11	2500	2500
	3300	2145	3895	4220	1550	1225	6	11	2500	2500
	3500	2245	4095	4420	1650	1325	6	11	2500	2500
	3700	2405	4295	4620	1810	1485	6	11	2500	2500
	4000	2595	4595	4920	2000	1675	6	6<11>	2500	2500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1795	4265	4620	1230	875	6	6	2400	2400
	4000	1895	4565	4920	1330	975	6	6	2400	2400
	4300	1995	4865	5220	1430	1075	6	6	2300	2400
	4500	2065	5065	5420	1500	1145	6	6	2050	2300
	4700	2145	5265	5620	1580	1225	6	6	2050	2300
	5000	2245	5565	5920	1680	1325	6	6	1650	2200
	5500	2405	6065	6420	1840	1485	6	6	1250	2000
	6000	2595	6565	6920	2030	1675	6	6	1000	1550

NOTE: Height of standard load backrest is 920 mm.
< > for PN tires.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

3,000 kg

MAIN VEHICLE SPECIFICATIONS

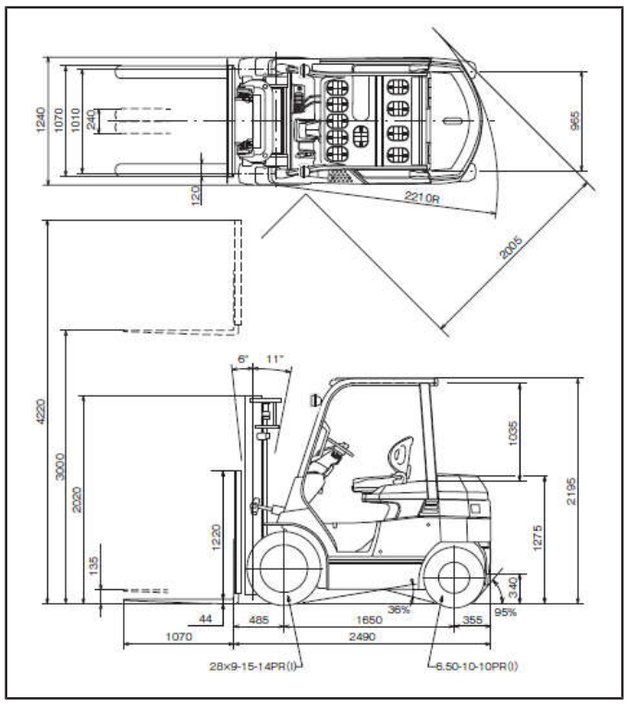
1	Manufacturer				TOYOTA	1
2	Model				**8FB30**	2
3	Load Capacity			kg	3000	3
4	Load Center			mm	500	4
5	Power Type				Battery	5
6	Operator Position				Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	9
10	Free Lift			mm	135	10
13	Fork Size		L x W x T	mm	1070/120/44	13
	Fork Spread (Outside)		MAX./MIN.	mm	1070/240	
14	Tilt Range		FWD/BWD	deg	6/11	14
15	Length to Fork Face			mm	2490	15
16	Overall Width			mm	1240	16
17	Mast Lowered Height			mm	2020	17
18	Mast Extended Height			mm	4220	18
19	Overhead Guard Height			mm	2195	19
21	Turning Radius (Outside)			mm	2210	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	485	22
	Rear Overhang			mm	355	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2695	23
	Intersecting Aisle Width			mm	2005	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.0/14.0	24
			No Load	km/h	15.0/15.0	
25		Lifting	Full Load	mm/sec	320	25
			No Load	mm/sec	550	
26		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	500	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	13060/12630 (1330/1280)	27
			5-Minute Ratings	N (kg)	13060/12630 (1330/1280)	
			60-Minute Ratings	N (kg)	5300/5590 (540/570)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	17/22	29
			5-Minute Ratings	% (tanθ)	17/22	
			30-Minute Ratings	% (tanθ)	11/19	
32	Total Weight	Without Battery		kg	3690	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	6880	33
			Rear	kg	830	
34		No Load	Front	kg	2090	34
			Rear	kg	2620	
35	Tires	Number	Front/Rear		2/2	35
36		Size	Front		28X9-15-14PR (I)	36
37			Rear		6.50-10-10PR (I)	37
38	Wheelbase			mm	1650	38
39	Tread		Front	mm	1010	39
			Rear	mm	965	
	Backrest Height				1220	
	Overhead Guard Clearance				1035	
	Counterweight Height				1275	
	Drawbar Height				340	
	Step Height/Floor Height				515/785	
40	Underclearance	Mast (Full Load)		mm	115	40
41		Center of Wheelbase (Full Load)		mm	140	41
		Drive Axle (Full Load)		mm	155	
		Steer Axle (No Load)		mm	180	
		Counterweight (No Load)		mm	185	
		Minimum Under Clearance (Full Load)		mm	115(Mast)	
	Grade Clearance	Frame		% (tanθ)	36	
		Counterweight		% (tanθ)	95	
42	Brake	Service (Foot)			Hydraulic	42
43		Parking			Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	80/370	45
			High	V/AH	80/470	
46		Weight (STD Capacity Type)		kg	1020	46
47	Electric Motors	Drive		kW	11.9	47
48		Load Handling		kW	14.4	48
		Energy Consumption According to VDI Cycle **		kWh/h	5.0	-
54	Control Type	Drive			Transistor inverter	54
		Load Handling			Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7 (2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB (A)	69	
	Vibration in accordance with in EN13059			m/s2	1.5	

NOTE: * Computed values.
** 60 VDI circles/h with Tested Load of 3000 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

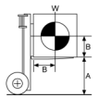
Unit: mm



UNDERCLEARANCE

Mast (Full Load)	115
Center of Wheelbase (Full Load)	140
Drive Axle (Full Load)	155
Steer Axle (No Load)	180
Counterweight (No Load)	185
Minimum Under Clearance (No Load)	115(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	3000	3000	3000	3000	3000	2850	2350
		600	2720	2720	2720	2720	2720	2580	2130
		700	2490	2490	2490	2490	2490	2360	1950
		800	2290	2290	2290	2290	2290	2180	1800
		900	2130	2130	2130	2130	2130	2020	1670
		1000	1980	1980	1980	1980	1980	1880	1550
		1100	1860	1860	1860	1860	1860	1770	1450
		1200	1750	1750	1750	1750	1750	1660	1370
		1300	1650	1650	1650	1650	1650	1570	1290
	Dual	500	3000	3000	3000	3000	3000	3000	3000
		600	2720	2720	2720	2720	2720	2720	2720
		700	2490	2490	2490	2490	2490	2490	2490
		800	2290	2290	2290	2290	2290	2290	2290
		900	2130	2130	2130	2130	2130	2130	2130
		1000	1980	1980	1980	1980	1980	1980	1980
		1100	1860	1860	1860	1860	1860	1860	1860
		1200	1750	1750	1750	1750	1750	1750	1750
		1300	1650	1650	1650	1650	1650	1650	1650

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	3000	3000	3000	2800	2800	2400	1900	1450
		600	2720	2720	2720	2540	2540	2180	1720	1310
		700	2490	2490	2490	2330	2330	1990	1580	1200
		800	2300	2300	2300	2150	2150	1840	1450	1110
		900	2130	2130	2130	1990	1990	1710	1350	1030
		1000	1990	1990	1990	1860	1860	1590	1260	960
		1100	1870	1870	1870	1740	1740	1490	1180	900
		1200	1760	1760	1760	1640	1640	1400	1110	850
		1300	1660	1660	1660	1550	1550	1320	1050	800
	Dual	500	3000	3000	3000	3000	3000	2900	2650	2050
		600	2720	2720	2720	2720	2720	2630	2400	1860
		700	2490	2490	2490	2490	2490	2410	2200	1700
		800	2300	2300	2300	2300	2300	2220	2030	1570
		900	2130	2130	2130	2130	2130	2060	1880	1460
		1000	1990	1990	1990	1990	1990	1920	1760	1360
		1100	1870	1870	1870	1870	1870	1800	1650	1270
		1200	1760	1760	1760	1760	1760	1700	1550	1200
		1300	1660	1660	1660	1660	1660	1600	1460	1130

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1770	3220	3570	135	135	6	11	3000	3000
	2700	1870	3420	3770	135	135	6	11	3000	3000
	3000	2020	3720	4070	135	135	6	11	3000	3000
	3300	2170	4020	4370	135	135	6	11	3000	3000
	3500	2270	4220	4570	135	135	6	11	3000	3000
	3700	2430	4420	4770	135	135	6	11	3000	3000
	4000	2620	4720	5070	135	135	6	11	3000	3000
	4500	2870	5220	5570	135	135	6	5	2850	3000
	5000	3120	5720	6070	135	135	6	5	2350	3000
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	2020	3615	4070	1405	950	6	11	3000	3000
	3300	2170	3915	4370	1555	1100	6	11	3000	3000
	3500	2270	4115	4570	1655	1200	6	11	3000	3000
	3700	2430	4315	4770	1815	1360	6	11	3000	3000
	4000	2620	4615	5070	2005	1550	6	11	3000	3000
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	1920	4315	4770	1305	850	6	5	3000	3000
	4000	2020	4615	5070	1405	950	6	5	3000	3000
	4300	2170	4915	5370	1555	1100	6	5	3000	3000
	4500	2220	5115	5570	1605	1150	6	5	2800	3000
	4700	2270	5315	5770	1655	1200	6	5	2800	3000
	5000	2430	5615	6070	1815	1360	6	5	2400	2900
	5500	2620	6115	6570	2005	1550	6	5	1900	2650
	6000	2870	6615	7070	2255	1800	6	5	1450	2050

NOTE: Height of standard load backrest is 1070 mm.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

3,500 kg

MAIN VEHICLE SPECIFICATIONS

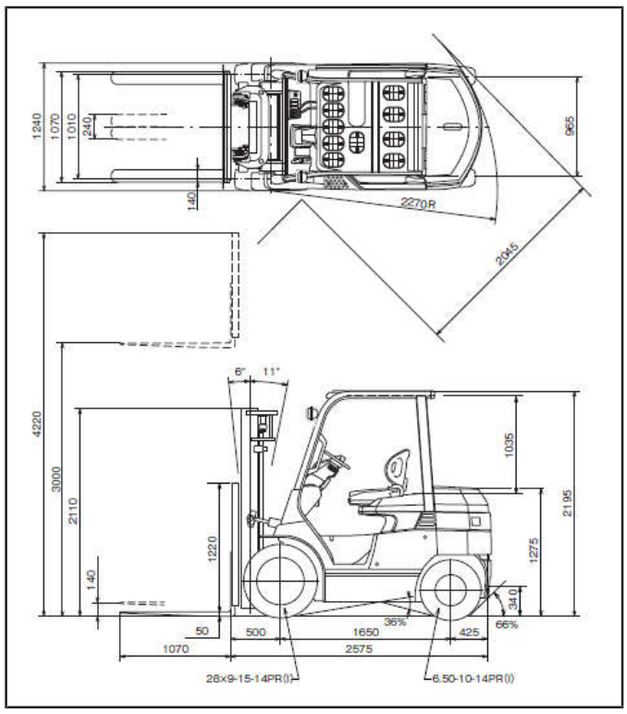
1	Manufacturer				TOYOTA	1
2	Model				**8FBJ35**	2
3	Load Capacity			kg	3500	3
4	Load Center			mm	500	4
5	Power Type				Battery	5
6	Operator Position				Rider Seated	6
7	Tire Type		Front/Rear		Pneumatic	7
8	Wheels (x = driven)		Front/Rear		2x/2	8
9	Maximum Fork Height (MFH)			mm	3000	9
10	Free Lift			mm	140	10
13	Fork Size		L x W x T	mm	1070/140/50	13
	Fork Spread (Outside)		MAX./MIN.	mm	1070/240	
14	Tilt Range		FWD/BWD	deg	6/11	14
15	Length to Fork Face			mm	2575	15
16	Overall Width			mm	1240	16
17	Mast Lowered Height			mm	2110	17
18	Mast Extended Height			mm	4220	18
19	Overhead Guard Height			mm	2195	19
21	Turning Radius (Outside)			mm	2270	21
22	Load Distance (Centerline of front axle to front face of forks)			mm	500	22
	Rear Overhang			mm	425	
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)			mm	2770	23
	Intersecting Aisle Width			mm	2045	
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	13.0/13.0	24
			No Load	km/h	15.0/15.0	
25		Lifting	Full Load	mm/sec	270	25
			No Load	mm/sec	460	
26		Lowering	Full Load	mm/sec	500	26
			No Load	mm/sec	450	
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	12900/12550 (1310/1280)	27
			5-Minute Ratings	N (kg)	12900/12550 (1310/1280)	
			60-Minute Ratings	N (kg)	5100/5490 (520/560)	
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	14/20	29
			5-Minute Ratings	% (tanθ)	14/20	
			30-Minute Ratings	% (tanθ)	9/17	
32	Total Weight	Without Battery		kg	4290	32
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	7840	33
			Rear	kg	970	
34		No Load	Front	kg	2220	34
			Rear	kg	3090	
35	Tires	Number	Front/Rear		2/2	35
36		Size	Front		28X9-15-14PR (I)	36
37			Rear		6.50-10-14PR (I)	37
38	Wheelbase			mm	1650	38
39	Tread		Front	mm	1010	39
			Rear	mm	965	
	Backrest Height				1220	
	Overhead Guard Clearance				1035	
	Counterweight Height				1275	
	Drawbar Height				340	
	Step Height/Floor Height				515/785	
40	Underclearance	Mast (Full Load)		mm	115	40
41		Center of Wheelbase (Full Load)		mm	140	41
		Drive Axle (Full Load)		mm	155	
		Steer Axle (No Load)		mm	180	
		Counterweight (No Load)		mm	185	
		Minimum Under Clearance (Full Load)		mm	115(Mast)	
	Grade Clearance	Frame		% (tanθ)	36	
		Counterweight		% (tanθ)	66	
42	Brake	Service (Foot)			Hydraulic	42
43		Parking			Hand	43
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	80/370	45
			High	V/AH	80/470	
46		Weight (STD Capacity Type)		kg	1020	46
47	Electric Motors	Drive		kW	11.9	47
48		Load Handling		kW	14.4	48
		Energy Consumption According to VDI Cycle **		kWh/h	5.5	
54	Control Type	Drive			Transistor inverter	54
		Load Handling			Transistor inverter	
57	Operating Pressure	For Attachments		Mpa (psi)	14.7(2100)	57
	Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)			dB (A)	69	
	Vibration in accordance with in EN13059			m/s2	1.5	

NOTE: * Computed values.
** 60 VDI circles/h with Tested Load of 3500 kg.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

DIMENSIONAL DRAWINGS

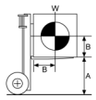
Unit: mm



UNDERCLEARANCE

Mast (Full Load)	115
Center of Wheelbase (Full Load)	140
Drive Axle (Full Load)	155
Steer Axle (No Load)	180
Counterweight (No Load)	185
Minimum Under Clearance (No Load)	115(Mast)

RATED CAPACITIES



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

V, FV Mast

Unit: kg (**W**)

A (mm)			3000	3300	3500	3700	4000	4500	5000
B (mm)	**Single**	500	3500	3500	3500	3500	3500	3350	2750
		600	3180	3180	3180	3180	3180	3040	2490
		700	2910	2910	2910	2910	2910	2790	2290
		800	2690	2690	2690	2690	2690	2570	2110
		900	2490	2490	2490	2490	2490	2390	1960
		1000	2330	2330	2330	2330	2330	2230	1830
		1100	2180	2180	2180	2180	2180	2090	1710
		1200	2050	2050	2050	2050	2050	1960	1610
		1300	1940	1940	1940	1940	1940	1860	1520
	Dual	500	3500	3500	3500	3500	3500	3500	3400
		600	3180	3180	3180	3180	3180	3180	3090
		700	2910	2910	2910	2910	2910	2910	2830
		800	2690	2690	2690	2690	2690	2690	2610
		900	2490	2490	2490	2490	2490	2490	2420
		1000	2330	2330	2330	2330	2330	2330	2260
		1100	2180	2180	2180	2180	2180	2180	2120
		1200	2050	2050	2050	2050	2050	2050	1990
		1300	1940	1940	1940	1940	1940	1940	1880

FSV Mast

Unit: kg (**W**)

A (mm)			3700	4000	4300	4500	4700	5000	5500	6000
B (mm)	**Single**	500	3500	3500	3500	2900	2900	2500	1950	1500
		600	3180	3180	3180	2630	2630	2270	1770	1360
		700	2920	2920	2920	2420	2420	2080	1620	1250
		800	2690	2690	2690	2230	2230	1920	1500	1150
		900	2500	2500	2500	2070	2070	1790	1390	1070
		1000	2340	2340	2340	1930	1930	1670	1300	1000
		1100	2190	2190	2190	1810	1810	1560	1220	940
		1200	2060	2060	2060	1710	1710	1470	1150	880
		1300	1950	1950	1950	1610	1610	1390	1080	830
	Dual	500	3500	3500	3500	3400	3400	3300	2900	2200
		600	3180	3180	3180	3090	3090	3000	2630	2000
		700	2920	2920	2920	2830	2830	2750	2420	1830
		800	2690	2690	2690	2620	2620	2540	2230	1690
		900	2500	2500	2500	2430	2430	2360	2070	1570
		1000	2340	2340	2340	2270	2270	2200	1930	1470
		1100	2190	2190	2190	2130	2130	2060	1810	1370
		1200	2060	2060	2060	2000	2000	1940	1710	1290
		1300	1950	1950	1950	1890	1890	1840	1610	1220

MAST SPECIFICATIONS & RATED CAPACITIES

Mast Type	Maximum Fork Height	Overall Height			Free Lift		Tilt Range		Load Capacity at 500 mm LC	
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	PN	PSC
			Without Load Backrest	With Standard Load Backrest						
	mm	mm	mm	mm	mm	mm	deg	deg	kg	kg
Wide Visible Mast (V)	2500	1890	3360	3570	140	140	6	11	3500	3500
	2700	1990	3560	3770	140	140	6	11	3500	3500
	3000	2110	3860	4070	140	140	6	11	3500	3500
	3300	2290	4160	4370	140	140	6	11	3500	3500
	3500	2390	4360	4570	140	140	6	11	3500	3500
	3700	2490	4560	4770	140	140	6	11	3500	3500
	4000	2740	4860	5070	140	140	6	11	3500	3500
	4500	2990	5360	5570	140	140	6	5	3350	3500
	5000	3240	5860	6070	140	140	6	5	2750	3400
Wide Visible Full-Free Lift Two-Stage Mast (FV)	3000	2110	3725	4070	1385	1040	6	11	3500	3500
	3300	2290	4025	4370	1565	1220	6	11	3500	3500
	3500	2390	4225	4570	1665	1320	6	11	3500	3500
	3700	2490	4425	4770	1765	1420	6	11	3500	3500
	4000	2740	4725	5070	2015	1670	6	11	3500	3500
Wide Visible Full-Free Lift Three-Stage Mast (FSV)	3700	2020	4425	4770	1295	950	6	5	3500	3500
	4000	2170	4725	5070	1445	1100	6	5	3500	3500
	4300	2225	5025	5370	1495	1155	6	5	3500	3500
	4500	2270	5225	5570	1545	1200	6	5	2900	3400
	4700	2430	5425	5770	1705	1360	6	5	2900	3400
	5000	2620	5725	6070	1895	1550	6	5	2500	3300
	5500	2870	6225	6570	2145	1800	6	5	1950	2900
	6000	3120	6725	7070	2395	2050	6	5	1500	2200

NOTE: Height of standard load backrest is 1070 mm.

The data in this publication was determined based on our standard testing condition. Operating performance may vary depending on the actual specification and condition of the vehicle as well as the condition of the operating area.

STANDARD EQUIPMENT

8FB10.14.15.18.20.25.30.J35, 8FBH10.14.15.18.20.25, 40-8FB15.20.25

- Drive AC motor
- Load handling (Power Steering) AC motor
- Wide Visible Mast (V) [MFH: 3000 mm]
- Load backrest (Angled Lower Stay, V and FSV masts)
- Operator Presence Sensing System (OPS)
- Easy-down system (V mast)
- Multi-function display (Battery capacity indicator, Power-select function indicator, OPS indicator, Overheat warning, Low temperature warning, Parking brake warning indicator, Power meter, Battery overdischarge warning, Battery remaining-charge warning, Parking brake on/off alarm, Return-to-neutral warning, Digital diagnosis, Maximum speed limitation setting, Auto power off time setting)
- Power select function
- Power keep function
- Hour meter
- Auto power-off function
- Headlights
- ORS seat
- Memory tilt steering column
- Dual action parking brake
- Full hydraulic power steering
- Electric horn
- Emergency power shut-down button
- Battery connector handle
- Floor mat
- Assist grip
- Storage area
- Document crip
- Overhead guard
- Overhead guard cap

Availability and specifications are determined by market and are subject to change without notice.
Please consult your Toyota representative for details.

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TOYOTA
INDUSTRIAL EQUIPMENT

TOYOTA MATERIAL HANDLING INTERNATIONAL

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