

8FB10

8FBH10

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB10	8FBH10
3	Load Capacity		kg	1000	1000
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/100/30	1070/100/30
	Lateral Fork Adjustment	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2075	2075
16	Overall Width		mm	1060	1060
17	Mast Lowered Height		mm	1970	1970
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	1750	1750
22	Load Distance (Centerline of front axle to front face of forks)		mm	400	400
	Rear Overhang		mm	265	265
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2150	2150
	Intersecting Aisle Width		mm	1705	1705
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5
			No Load	km/h	17.0/17.0
25		Lifting	Full Load	mm/sec	470
			No Load	mm/sec	650
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9260/8650 (940/880)
			5-Minute Ratings	N (kg)	9260/8650 (940/880)
			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
			5-Minute Ratings	% (tanθ)	26/26
			30-Minute Ratings	% (tanθ)	14/19
					14/19
32	Total Weight	Without Battery	kg	1940	2005
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	2950
			Rear	kg	570
34		No Load	Front	kg	1310
			Rear	kg	1210
35	Tires	Number	Front/Rear		2/2
36		Size	Front		6.00-9-10-PR (I)
37			Rear		5.00-8-8PR (I)
38	Wheelbase		mm	1410	1410
39	Tread	Front	mm	885	885
		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
41		Center of Wheelbase (Full Load)	mm	85	85
		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
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD V/AH	48/330	48/545
			High V/AH	48/485	-
46	Electric Motors	Weight (STD Capacity Type)	kg	580	845
47		Drive	kW	7.6	7.6
48		Load Handling	kW	9.5	9.5
		Energy Consumption According to VDI Cycle **	kWh/h	3.6	3.6
54	Control Type	Drive		Trasistor inverter	Trasistor inverter
		Load Handling		Trasistor inverter	Trasistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	11.8 (1700)	11.8 (1700)

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.

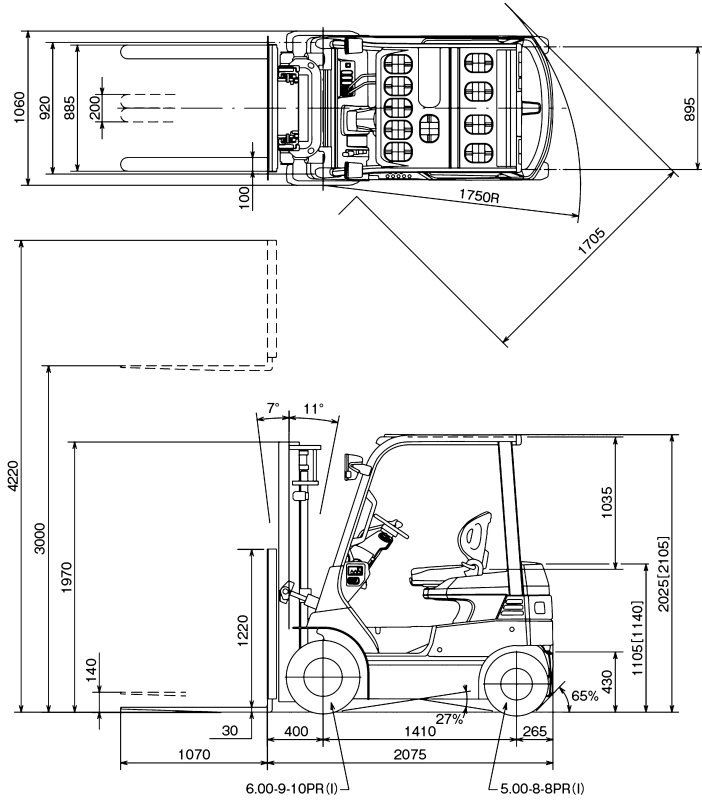
** 60 VDI Work Cycles/h with Tested Load of 1000 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB10/8FBH10



UNDERCLEARANCE

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 Underclearance (Full Load)	75(Mast)

Note: [] for 8FBH10

RATED CAPACITIES

(September 2016)

8FB10/8FBH10

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)	500	1000	1000	1000	1000	1000	1000	950 <1000>
	600	900	900	900	900	900	900	850 <900>
	700	810	810	810	810	810	810	770 <810>
	800	750	750	750	750	750	750	710 <750>
	900	690	690	690	690	690	690	650 <690>
	1000	640	640	640	640	640	640	610 <640>
	1100	600	600	600	600	600	600	570 <600>
	1200	560	560	560	560	560	560	530 <560>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB10/8FBH10			
Front Tire	Single/Dual	Single	Single	Dual	Dual
Front Tire Size		6.00-9-10PR (I)	6.50-10-12PR (I)	4.50-12-8PR (I)	6.00-9-10PR (I)
Overall Width	mm	1060	1070	1295	1435
Tread, Front	mm	885	895	1010	1085

SPECIAL MAST

(September 2016)

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

Model				8FB10/8FBH10											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	470	360	360	325	430	330	330	310	430	330	330	310
		No Load	mm/sec	650	560	560	535	590	510	510	485	590	510	510	485
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	550	550	550	550	420	420	420	420	450	450	450	450
DIMENSIONS															
Load Distance (Centerline of front axle to front face of forks)			mm	400				400				420			

NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB10/8FBH10

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1720	3110	3420	140	140	7	11	1000	7	11	1000
	2700	1820	3310	3620	140	140	7	11	1000	7	11	1000
	3000	1970	3610	3920	140	140	7	11	1000	7	11	1000
	3300	2120	3910	4220	140	140	7	11	1000	7	11	1000
	3500	2220	4110	4420	140	140	7	11	1000	7	11	1000
	3700	2380	4310	4620	140	140	7	11	1000	7	11	1000
	4000	2570	4610	4920	140	140	7	11	1000	7	11	1000
	4500	2820	5110	5420	140	140	7	5	1000	7	5	1000
	5000	3070	5610	5920	140	140	7	5	950	7	5	1000
FV	3000	1970	3570	3920	1400*	1050*	7	11	1000	7	11	1000
	3300	2120	3870	4220	1550*	1200*	7	11	1000	7	11	1000
	3500	2220	4070	4420	1650*	1300*	7	11	1000	7	11	1000
	3700	2380	4270	4620	1810*	1460*	7	11	1000	7	11	1000
	4000	2570	4570	4920	2000*	1650*	7	11	1000	7	11	1000
FSV	3700	1770	4245	4620	1230*	850*	7	5	950	7	5	950
	4000	1870	4545	4920	1330*	950*	7	5	900	7	5	900
	4300	1970	4845	5220	1430*	1050*	7	5	900	7	5	900
	4500	2040	5045	5420	1500*	1120*	7	5	900	7	5	900
	4700	2120	5245	5620	1580*	1200*	7	5	900	7	5	900
	5000	2220	5545	5920	1680*	1300*	7	5	850	7	5	850
	5500	2380	6045	6420	1840*	1460*	7	5	750	7	5	850
	6000	2570	6545	6920	2030*	1650*	7	5	600	7	5	800

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 6.50-10-12PR (I), plus 25 mm.

8FB14

8FBH14

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB14	8FBH14
3	Load Capacity		kg	1350	1350
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/100/35	1070/100/35
	Lateral Fork Adjustment	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2080	2080
16	Overall Width		mm	1060	1060
17	Mast Lowered Height		mm	1970	1970
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	1760	1760
22	Load Distance (Centerline of front axle to front face of forks)		mm	405	405
	Rear Overhang		mm	265	265
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2165	2165
	Intersecting Aisle Width		mm	1725	1725
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5
			No Load	km/h	17.0/17.0
25		Lifting	Full Load	mm/sec	430
			No Load	mm/sec	650
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9200/8640(930/880)
			5-Minute Ratings	N (kg)	9200/8640 (930/880)
			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
			5-Minute Ratings	% (tanθ)	22/26
			30-Minute Ratings	% (tanθ)	13/19
					13/19
32	Total Weight	Without Battery		kg	2030
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	3550
			Rear	kg	410
34		No Load	Front	kg	1330
			Rear	kg	1280
35	Tires	Number	Front/Rear		2/2
36		Size	Front		6.00-9-10-PR (I)
37			Rear		5.00-8-8PR (I)
38	Wheelbase		mm	1410	1410
39	Tread	Front	mm	885	885
		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
41		Center of Wheelbase (Full Load)	mm	85	85
		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
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/330
			High	V/AH	48/485
46	Electric Motors	Weight (STD Capacity Type)	kg	580	845
47		Drive	kW	7.6	7.6
48		Load Handling	kW	9.5	9.5
		Energy Consumption According to VDI Cycle **	kWh/h	3.8	3.8
54	Control Type	Drive		Trasistor inverter	Trasistor inverter
		Load Handling		Trasistor inverter	Trasistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	11.8 (1700)	11.8 (1700)

Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)	dB(A)	-	-
Vibration in accordance with in EN13059	m/s ²	-	-

NOTE: * Computed values.

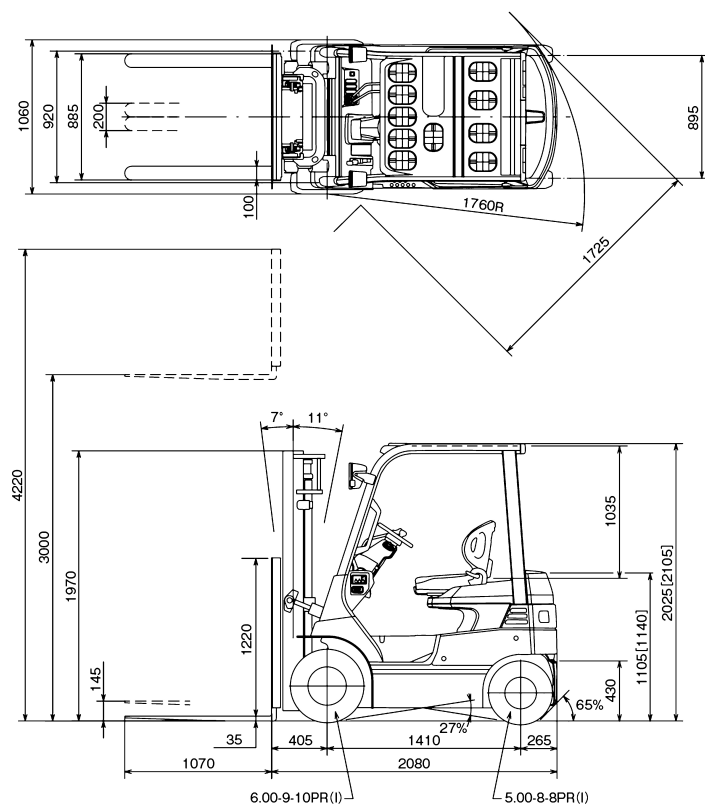
** 60 VDI circles/h with Tested Load of 1350 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB14/8FBH14



UNDERCLEARANCE

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 Underclearance (Full Load)~	70<65>(Mast)

NOTE: [] for 8FBH14

RATED CAPACITIES

(September 2016)

8FB14/8FBH14

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)	500	1350	1350	1350	1350	1350	1250	1150 <1200>
	600	1210	1210	1210	1210	1210	1120	1030 <1080>
	700	1100	1100	1100	1100	1100	1020	940 <980>
	800	1010	1010	1010	1010	1010	930	860 <900>
	900	930	930	930	930	930	860	790 <830>
	1000	860	860	860	860	860	800	740 <770>
	1100	810	810	810	810	810	750	690 <720>
	1200	760	760	760	760	760	700	640 <670>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB14/8FBH14			
Front Tire	Single/Dual	Single	Single	Dual	Dual
Front Tire Size		6.00-9-10PR (I)	6.50-10-12PR (I)	4.50-12-8PR (I)	6.00-9-10PR (I)
Overall Width	mm	1060	1070	1295	1435
Tread, Front	mm	885	895	1010	1085

SPECIAL MAST

(September 2016)

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

Model				8FB14/8FBH14											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	430	330	330	310	400	310	310	275	400	310	310	275
		No Load	mm/sec	650	560	560	535	590	510	510	485	590	510	510	485
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	550	550	550	550	420	420	420	420	450	450	450	450
DIMENSIONS															
Load Distance (Centerline of front axle to front face of forks)			mm	405				405				425			

NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB14/8FBH14

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1720	3105	3420	145	145	7	11	1350	7	11	1350
	2700	1820	3305	3620	145	145	7	11	1350	7	11	1350
	3000	1970	3605	3920	145	145	7	11	1350	7	11	1350
	3300	2120	3905	4220	145	145	7	11	1350	7	11	1350
	3500	2220	4105	4420	145	145	7	11	1350	7	11	1350
	3700	2380	4305	4620	145	145	7	11	1350	7	11	1350
	4000	2570	4605	4920	145	145	7	11	1350	7	11	1350
	4500	2820	5105	5420	145	145	7	5	1250	7	5	1250
FV	5000	3070	5605	5920	145	145	7	5	1150	7	5	1200
	3000	1970	3565	3920	1405*	1050*	7	11	1350	7	11	1350
	3300	2120	3865	4220	1555*	1200*	7	11	1350	7	11	1350
	3500	2220	4065	4420	1655*	1300*	7	11	1350	7	11	1350
	3700	2380	4265	4620	1815*	1460*	7	11	1350	7	11	1350
	4000	2570	4565	4920	2005*	1650*	7	11	1350	7	11	1350
	3700	1770	4240	4620	1235*	850*	7	5	1250	7	5	1250
	4000	1870	4540	4920	1335*	950*	7	5	1200	7	5	1200
FSV	4300	1970	4840	5220	1435*	1050*	7	5	1200	7	5	1200
	4500	2040	5040	5420	1505*	1120*	7	5	1150	7	5	1150
	4700	2120	5240	5620	1585*	1200*	7	5	1150	7	5	1150
	5000	2220	5540	5920	1685*	1300*	7	5	1000	7	5	1100
	5500	2380	6040	6420	1845*	1460*	7	5	800	7	5	1100
	6000	2570	6540	6920	2035*	1650*	7	5	650	7	5	1050

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 6.50-10-12PR (I), plus 25 mm.

8FB15

8FBH15

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB15	8FBH15
3	Load Capacity		kg	1500	1500
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/100/35	1070/100/35
	Lateral Fork Adjustment	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2080	2080
16	Overall Width		mm	1115	1115
17	Mast Lowered Height		mm	1970	1970
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	1770	1770
22	Load Distance (Centerline of front axle to front face of forks)		mm	405	405
	Rear Overhang		mm	265	265
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2175	2175
	Intersecting Aisle Width		mm	1760	1760
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5
			No Load	km/h	17.0/17.0
25		Lifting	Full Load	mm/sec	420
			No Load	mm/sec	650
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9150/8620 (930/870)
			5-Minute Ratings	N (kg)	9150/8620 (930/870)
			60-Minute Ratings	N (kg)	2750/2750 (280/280)
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	20/25
			5-Minute Ratings	% (tanθ)	20/25
			30-Minute Ratings	% (tanθ)	12/19
32	Total Weight	Without Battery		kg	2060
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	3790
			Rear	kg	450
34		No Load	Front	kg	1330
			Rear	kg	1410
35	Tires	Number	Front/Rear		2/2
36		Size	Front		6.00-9-10-PR (I)
37			Rear		5.00-8-8PR (I)
38	Wheelbase		mm	1410	1410
39	Tread	Front	mm	960	960
		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
41		Center of Wheelbase (Full Load)	mm	85	85
		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
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD V/AH	48/400	48/545
			High V/AH	48/485	-
46		Weight (STD Capacity Type)	kg	680	845
47		Drive	kW	7.6	7.6
48	Electric Motors	Load Handling	kW	9.5	9.5
		Energy Consumption According to VDI Cycle **	kWh/h	3.9	4.0
54	Control Type	Drive		Trasistor inverter	Trasistor inverter
		Load Handling		Trasistor inverter	Trasistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	11.8 (1700)	11.8 (1700)

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.

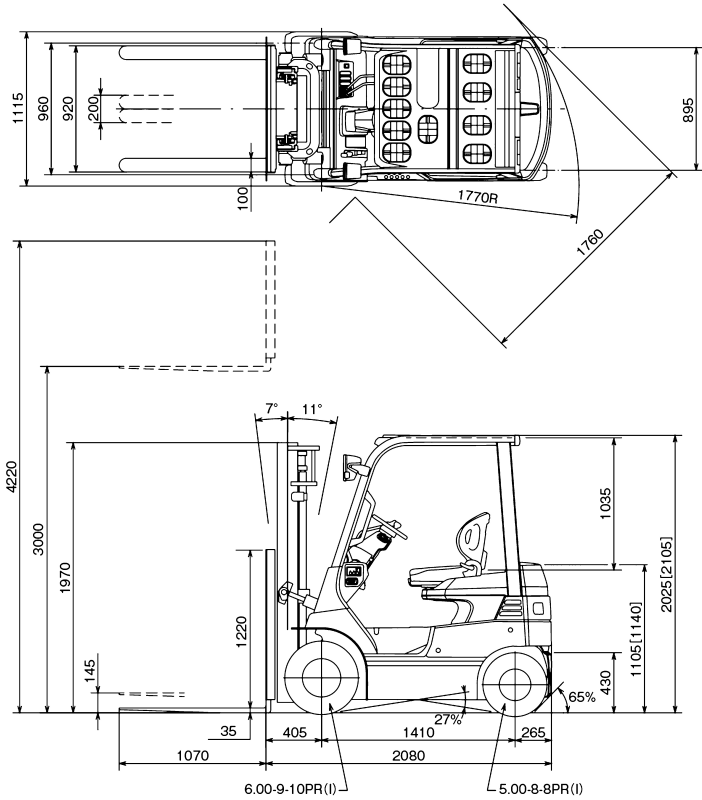
** 60 VDI circles/h with Tested Load of 1500 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB15/8FBH15



UNDERCLEARANCE

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 Underclearance (Full Load)---	65(Mast)

NOTE: [] for 8FBH15

RATED CAPACITIES

(September 2016)

8FB15/8FBH15

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)	500	1500	1500	1500	1500	1500	1450	1350 <1400>
	600	1350	1350	1350	1350	1350	1300	1210 <1260>
	700	1220	1220	1220	1220	1220	1180	1100 <1140>
	800	1120	1120	1120	1120	1120	1080	1010 <1050>
	900	1040	1040	1040	1040	1040	1000	930 <970>
	1000	960	960	960	960	960	930	860 <900>
	1100	900	900	900	900	900	870	810 <840>
	1200	840	840	840	840	840	810	760 <780>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB15/8FBH15				
Front Tire	Single/Dual	Single	Single	Single	Dual	Dual
Front Tire Size		6.00-9-10PR (I)	21x8-9-10PR (I)	6.50-10-12PR (I)	4.50-12-8PR (I)	6.00-9-10PR (I)
Overall Width	mm	1115	1115	1115	1295	1435
Tread, Front	mm	960	920	940	1010	1085

SPECIAL MAST

(September 2016)

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

Model				8FB15/8FBH15											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	420	320	320	300	390	300	300	260	390	300	300	260
		No Load	mm/sec	650	560	560	535	590	510	510	485	590	510	510	485
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	550	550	550	550	420	420	420	420	450	450	450	450
DIMENSIONS															
Load Distance (Centerline of front axle to front face of forks)			mm	405				405				425			

NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB15/8FBH15

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1720	3105	3420	145	145	7	11	1500	7	11	1500
	2700	1820	3305	3620	145	145	7	11	1500	7	11	1500
	3000	1970	3605	3920	145	145	7	11	1500	7	11	1500
	3300	2120	3905	4220	145	145	7	11	1500	7	11	1500
	3500	2220	4105	4420	145	145	7	11	1500	7	11	1500
	3700	2380	4305	4620	145	145	7	11	1500	7	11	1500
	4000	2570	4605	4920	145	145	7	11	1500	7	11	1500
	4500	2820	5105	5420	145	145	7	5	1450	7	5	1450
	5000	3070	5605	5920	145	145	7	5	1350	7	5	1400
FV	3000	1970	3565	3920	1405*	1050*	7	11	1500	7	11	1500
	3300	2120	3865	4220	1555*	1200*	7	11	1500	7	11	1500
	3500	2220	4065	4420	1655*	1300*	7	11	1500	7	11	1500
	3700	2380	4265	4620	1815*	1460*	7	11	1500	7	11	1500
	4000	2570	4565	4920	2005*	1650*	7	11	1500	7	11	1500
FSV	3700	1770	4240	4620	1235*	850*	7	5	1400	7	5	1400
	4000	1870	4540	4920	1335*	950*	7	5	1400	7	5	1400
	4300	1970	4840	5220	1435*	1050*	7	5	1400	7	5	1400
	4500	2040	5040	5420	1505*	1120*	7	5	1350	7	5	1350
	4700	2120	5240	5620	1585*	1200*	7	5	1350	7	5	1350
	5000	2220	5540	5920	1685*	1300*	7	5	1200	7	5	1300
	5500	2380	6040	6420	1845*	1460*	7	5	1100	7	5	1250
	6000	2570	6540	6920	2035*	1650*	7	5	900	7	5	1100

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 6.50-10-12PR (I), plus 25 mm.

40-8FB15

MAIN VEHICLE SPECIFICATIONS

(September 2016)

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

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

– (September 2016)

40-8FB15



Mast (Full Load)-----	75
Center of Wheelbase (Full Load)-----	90
Drive Axle (Full Load)-----	75
Steer Axle (No Load)-----	120
Counterweight (No Load)-----	115
Minimum Underclearance (Full Load)-----	75(Mast)

RATED CAPACITIES

(September 2016)

40-8FB15

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)	500	1500	1500	1500	1500	1500	1450	1350 <1400>
	600	1350	1350	1350	1350	1350	1300	1210 <1260>
	700	1230	1230	1230	1230	1230	1190	1100 <1140>
	800	1120	1120	1120	1120	1120	1090	1010 <1050>
	900	1040	1040	1040	1040	1040	1000	930 <970>
	1000	970	970	970	970	970	930	870 <900>
	1100	900	900	900	900	900	870	810 <840>
	1200	850	850	850	850	850	820	760 <790>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		40-8FB15		
Front Tire	Single/Dual	Single	Single	Dual
Front Tire Size		21x8-9-14PR (I)	23x9-10-16PR (I)	6.00-9-10PR (I)
Overall Width	mm	1160	1220	1480
Tread, Front	mm	970	990	1130

SPECIAL MAST

(September 2016)

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

Model				40-8FB15											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	380	280	280	255	390	280	280	270	390	280	280	270
		No Load	mm/sec	600	500	500	465	570	480	480	440	570	480	480	440
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	500	500	500	500	420	420	420	420	450	450	450	450
DIMENSIONS															
Load Distance (Centerline of front axle to front face of forks)			mm	415				415				445			

NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

40-8FB15

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1725	3170	3420	125	125	7	11	1500	7	11	1500
	2700	1825	3370	3620	125	125	7	11	1500	7	11	1500
	3000	1975	3670	3920	125	125	7	11	1500	7	11	1500
	3300	2125	3970	4220	125	125	7	11	1500	7	11	1500
	3500	2225	4170	4420	125	125	7	11	1500	7	11	1500
	3700	2385	4370	4620	125	125	7	11	1500	7	11	1500
	4000	2575	4670	4920	125	125	7	11	1500	7	11	1500
	4500	2825	5170	5420	125	125	7	5	1450	7	5	1450
FV	5000	3075	5670	5920	125	125	7	5	1350	7	5	1400
	3000	1975	3605	3920	1370*	1055*	7	11	1500	7	11	1500
	3300	2125	3905	4220	1520*	1205*	7	11	1500	7	11	1500
	3500	2225	4105	4420	1620*	1305*	7	11	1500	7	11	1500
	3700	2385	4305	4620	1780*	1465*	7	11	1500	7	11	1500
FSV	4000	2575	4605	4920	1970*	1655*	7	11	1500	7	11	1500
	3700	1775	4345	4620	1130*	855*	7	5	1400	7	5	1400
	4000	1875	4645	4920	1230*	955*	7	5	1400	7	5	1400
	4300	1975	4945	5220	1330*	1055*	7	5	1400	7	5	1400
	4500	2045	5145	5420	1400*	1125*	7	5	1350	7	5	1350
	4700	2125	5345	5620	1480*	1205*	7	5	1350	7	5	1350
	5000	2225	5645	5920	1580*	1305*	7	5	1200	7	5	1300
	5500	2385	6145	6420	1740*	1465*	7	5	1100	7	5	1250
	6000	2575	6645	6920	1930*	1655*	7	5	900	7	5	1100

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 23×9-10-16PR (I), plus 20 mm.

8FB18

8FBH18

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB18	8FBH18
3	Load Capacity		kg	1750	1750
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/100/35	1070/100/35
	Lateral Fork Adjustment	MAX./MIN.	mm	920/200	920/200
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2115	2115
16	Overall Width		mm	1115	1115
17	Mast Lowered Height		mm	1970	1970
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	1780	1780
22	Load Distance (Centerline of front axle to front face of forks)		mm	405	405
	Rear Overhang		mm	300	300
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2185	2185
	Intersecting Aisle Width		mm	1775	1775
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5
			No Load	km/h	17.0/17.0
25		Lifting	Full Load	mm/sec	370
			No Load	mm/sec	650
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	550
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	9240/8620(940/870)
			5-Minute Ratings	N (kg)	9240/8620(940/870)
			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
			5-Minute Ratings	% (tanθ)	18/23
			30-Minute Ratings	% (tanθ)	11/18
					11/18
32	Total Weight	Without Battery	kg	2310	2355
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	4240
			Rear	kg	500
34		No Load	Front	kg	1370
			Rear	kg	1620
35	Tires	Number	Front/Rear		2/2
36		Size	Front	21X8-9-10PR (I)	21X8-9-10PR (I)
37			Rear	5.00-8-10PR (I)	5.00-8-10PR (I)
38	Wheelbase		mm	1410	1410
39	Tread	Front	mm	920	920
		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
41		Center of Wheelbase (Full Load)	mm	85	85
		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
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD V/AH	48/400	48/545
			High V/AH	48/485	-
46	Electric Motors	Weight (STD Capacity Type)	kg	680	845
47		Drive	kW	7.6	7.6
48		Load Handling	kW	9.5	9.5
		Energy Consumption According to VDI Cycle **	kWh/h	4.2	4.3
54	Control Type	Drive		Trasistor inverter	Trasistor inverter
		Load Handling		Trasistor inverter	Trasistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	11.8(1700)	11.8(1700)

Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)	dB (A)	68	68
Vibration in accordance with in EN13059	m/s ²	1.5	1.5

NOTE: * Computed values.

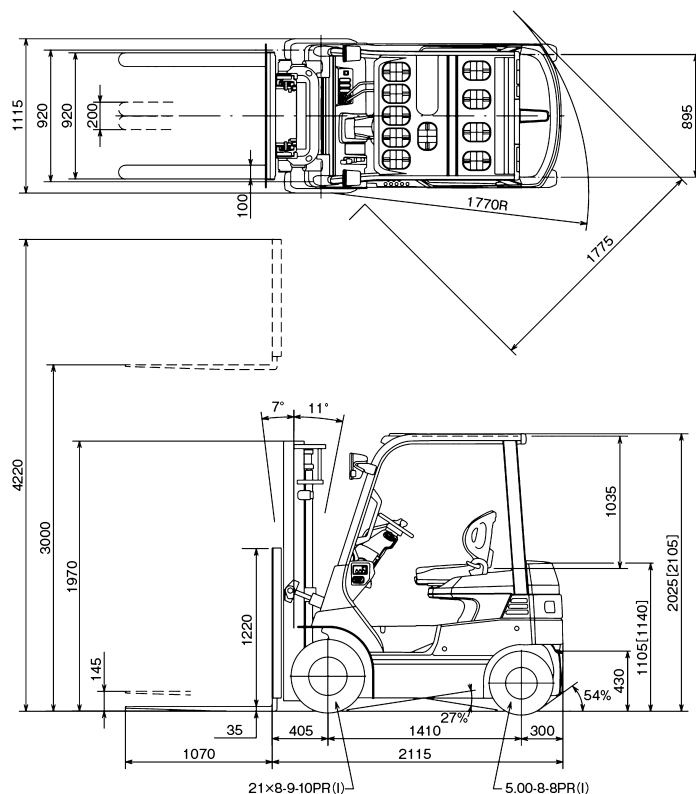
** 60 VDI circles/h with Tested Load of 1750 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB18/8FBH18



UNDERCLEARANCE

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 Underclearance (Full Load)---	65(Mast)

NOTE: [] for 8FBH18

RATED CAPACITIES

(September 2016)

8FB18/8FBH18

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)	500	1750	1750	1750	1750	1750	1550 <1650>	1200 <1550>
	600	1570	1570	1570	1570	1570	1390 <1480>	1080 <1390>
	700	1430	1430	1430	1430	1430	1260 <1350>	980 <1260>
	800	1310	1310	1310	1310	1310	1160 <1230>	900 <1160>
	900	1210	1210	1210	1210	1210	1070 <1140>	830 <1070>
	1000	1120	1120	1120	1120	1120	990 <1060>	770 <990>
	1100	1050	1050	1050	1050	1050	930 <990>	720 <930>
	1200	980	980	980	980	980	870 <930>	670 <870>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB18/8FBH18			
Front Tire	Single/Dual	Single	Single	Dual	Dual
Front Tire Size		21x8-9-10PR (I)	6.50-10-12PR (I)	4.50-12-8PR (I)	6.00-9-10PR (I)
Overall Width	mm	1115	1115	1295	1435
Tread, Front	mm	920	940	1010	1085

SPECIAL MAST

(September 2016)

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

Model				8FB18/8FBH18											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	370	300	300	265	350	280	280	250	350	280	280	250
		No Load	mm/sec	650	560	560	535	590	510	510	485	590	510	510	485
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	550	550	550	550	420	420	420	420	450	450	450	450
DIMENSIONS															
Load Distance (Centerline of front axle to front face of forks)			mm	405				405				425			

NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB18/8FBH18

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1720	3105	3420	145	145	7	11	1750	7	11	1750
	2700	1820	3305	3620	145	145	7	11	1750	7	11	1750
	3000	1970	3605	3920	145	145	7	11	1750	7	11	1750
	3300	2120	3905	4220	145	145	7	11	1750	7	11	1750
	3500	2220	4105	4420	145	145	7	11	1750	7	11	1750
	3700	2380	4305	4620	145	145	7	11	1750	7	11	1750
	4000	2570	4605	4920	145	145	7	5	1750	7	11	1750
	4500	2820	5105	5420	145	145	7	5	1550	7	5	1650
FV	5000	3070	5605	5920	145	145	7	5	1200	7	5	1550
	3000	1970	3565	3920	1405*	1050*	7	11	1750	7	11	1750
	3300	2120	3865	4220	1555*	1200*	7	11	1750	7	11	1750
	3500	2220	4065	4420	1655*	1300*	7	11	1750	7	11	1750
	3700	2380	4265	4620	1815*	1460*	7	11	1750	7	11	1750
FSV	4000	2570	4565	4920	2005*	1650*	7	5	1750	7	11	1750
	3700	1770	4240	4620	1235*	850*	7	5	1600	7	5	1600
	4000	1870	4540	4920	1335*	950*	7	5	1600	7	5	1600
	4300	1970	4840	5220	1435*	1050*	7	5	1550	7	5	1550
	4500	2040	5040	5420	1505*	1120*	7	5	1500	7	5	1500
	4700	2120	5240	5620	1585*	1200*	7	5	1500	7	5	1500
	5000	2220	5540	5920	1685*	1300*	7	5	1250	7	5	1450
	5500	2380	6040	6420	1845*	1460*	7	5	900	7	5	1400
	6000	2570	6540	6920	2035*	1650*	7	5	750	7	5	1150

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 6.50-10-12PR (I), plus 25mm.

8FB20

8FBH20

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB20	8FBH20
3	Load Capacity		kg	2000	2000
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/120/36	1070/120/36
	Lateral Fork Adjustment	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2240	2240
16	Overall Width		mm	1160	1160
17	Mast Lowered Height		mm	1975	1975
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	1980	1980
22	Load Distance (Centerline of front axle to front face of forks)		mm	420	420
	Rear Overhang		mm	320	320
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2400	2400
	Intersecting Aisle Width		mm	1850	1850
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.5/14.5
			No Load	km/h	16.5/16.5
25		Lifting	Full Load	mm/sec	360
			No Load	mm/sec	600
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	500
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	11260/10640 (1140/1080)
			5-Minute Ratings	N (kg)	11260/10640 (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
			5-Minute Ratings	% (tanθ)	22/23
			30-Minute Ratings	% (tanθ)	15/22
					15/22
32	Total Weight	Without Battery		kg	2570
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	4790
			Rear	kg	530
34		No Load	Front	kg	1560
			Rear	kg	1760
35		Number	Front/Rear		2/2
36	Tires	Size	Front	21X8-9-14PR (I)	21X8-9-14PR (I)
37			Rear	18X7-8-14PR (I)	18X7-8-14PR (I)
38	Wheelbase		mm	1500	1500
39	Tread	Front	mm	970	970
		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
41		Center of Wheelbase (Full Load)	mm	90	90
		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
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD	V/AH	48/450
			High	V/AH	48/600
46		Weight (STD Capacity Type)	kg	750	1160
47		Drive	kW	10.7	10.7
48	Electric Motors	Load Handling	kW	12.2	12.2
		Energy Consumption According to VDI Cycle **	kWh/h	4.1	4.2
54	Control Type	Drive		Transistor inverter	Transistor inverter
		Load Handling		Transistor inverter	Transistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	14.7(2100)	14.7(2100)

Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)	dB(A)	67	67
Vibration in accordance with in EN13059	m/s ²	1.5	1.5

NOTE: * Computed values.

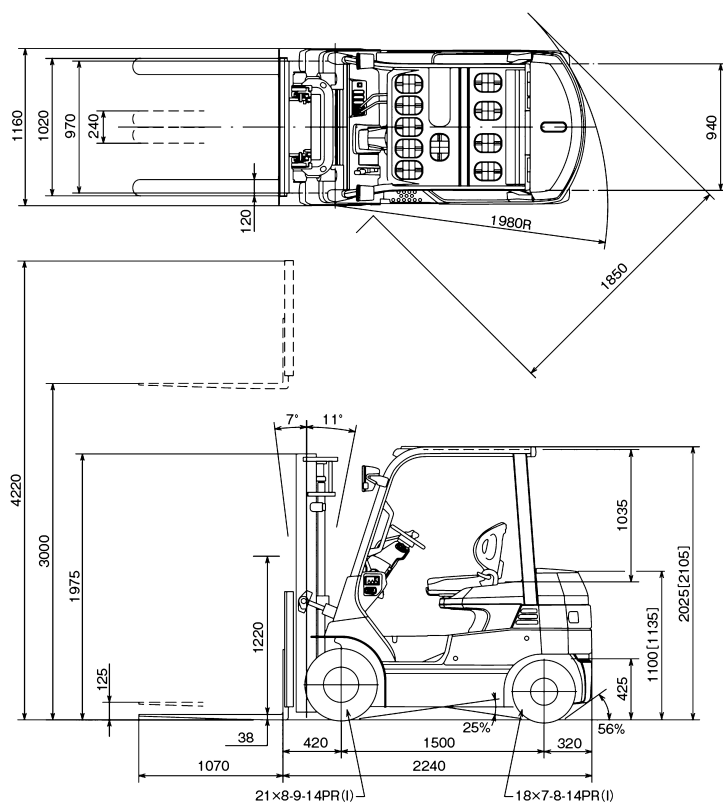
** 60 VDI circles/h with Tested Load of 2000 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB20/8FBH20



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 Underclearance (Full Load)---	70(Mast)

NOTE: [] for 8FBH20

RATED CAPACITIES

(September 2016)

8FB20/8FBH20

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)	500	2000	2000	2000	2000	2000	1900	1650 <1800>
	600	1800	1800	1800	1800	1800	1710	1480 <1620>
	700	1640	1640	1640	1640	1640	1560	1350 <1470>
	800	1500	1500	1500	1500	1500	1430	1240 <1350>
	900	1390	1390	1390	1390	1390	1320	1150 <1250>
	1000	1290	1290	1290	1290	1290	1230	1060 <1160>
	1100	1210	1210	1210	1210	1210	1150	990 <1080>
	1200	1130	1130	1130	1130	1130	1070	930 <1020>
	1300	1070	1070	1070	1070	1070	1010	880 <960>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB20/8FBH20		
Front Tire	Single/Dual	Single	Single	Dual
Front Tire Size		21x8-9-14PR (I)	23x9-10-16PR (I)	6.00-9-10PR (I)
Overall Width	mm	1160	1220	1480
Tread, Front	mm	970	990	1130

SPECIAL MAST

(September 2016)

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

Model				8FB20/8FBH20											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	360	270	270	245	330	250	250	245	330	250	250	245
		No Load	mm/sec	600	500	500	465	570	480	480	440	570	480	480	440
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	500	500	500	500	420	420	420	420	450	450	450	450

DIMENSIONS

Load Distance (Centerline of front axle to front face of forks)	mm	420	420	450
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB20/8FBH20

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1725	3170	3420	125	125	7	11	2000	7	11	2000
	2700	1825	3370	3620	125	125	7	11	2000	7	11	2000
	3000	1975	3670	3920	125	125	7	11	2000	7	11	2000
	3300	2125	3970	4220	125	125	7	11	2000	7	11	2000
	3500	2225	4170	4420	125	125	7	11	2000	7	11	2000
	3700	2385	4370	4620	125	125	7	11	2000	7	11	2000
	4000	2575	4670	4920	125	125	7	11	2000	7	11	2000
	4500	2825	5170	5420	125	125	7	5	1900	7	5	1900
FV	5000	3075	5670	5920	125	125	7	5	1650	7	5	1800
	3000	1975	3605	3920	1370*	1055*	7	11	2000	7	11	2000
	3300	2125	3905	4220	1520*	1205*	7	11	2000	7	11	2000
	3500	2225	4105	4420	1620*	1305*	7	11	2000	7	11	2000
	3700	2385	4305	4620	1780*	1465*	7	11	2000	7	11	2000
FSV	4000	2575	4605	4920	1970*	1655*	7	11	2000	7	11	2000
	3700	1775	4345	4620	1130*	855*	7	5	1900	7	5	1900
	4000	1875	4645	4920	1230*	955*	7	5	1900	7	5	1900
	4300	1975	4945	5220	1330*	1055*	7	5	1850	7	5	1850
	4500	2045	5145	5420	1400*	1125*	7	5	1800	7	5	1800
	4700	2125	5345	5620	1480*	1205*	7	5	1800	7	5	1800
	5000	2225	5645	5920	1580*	1305*	7	5	1550	7	5	1750
	5500	2385	6145	6420	1740*	1465*	7	5	1200	7	5	1700
	6000	2575	6645	6920	1930*	1655*	7	5	900	7	5	1500

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 23×9-10-16PR (I), plus 20 mm.

40-8FB20

MAIN VEHICLE SPECIFICATIONS

(September 2016)

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

Vibration in accordance with in EN13059

m/s²

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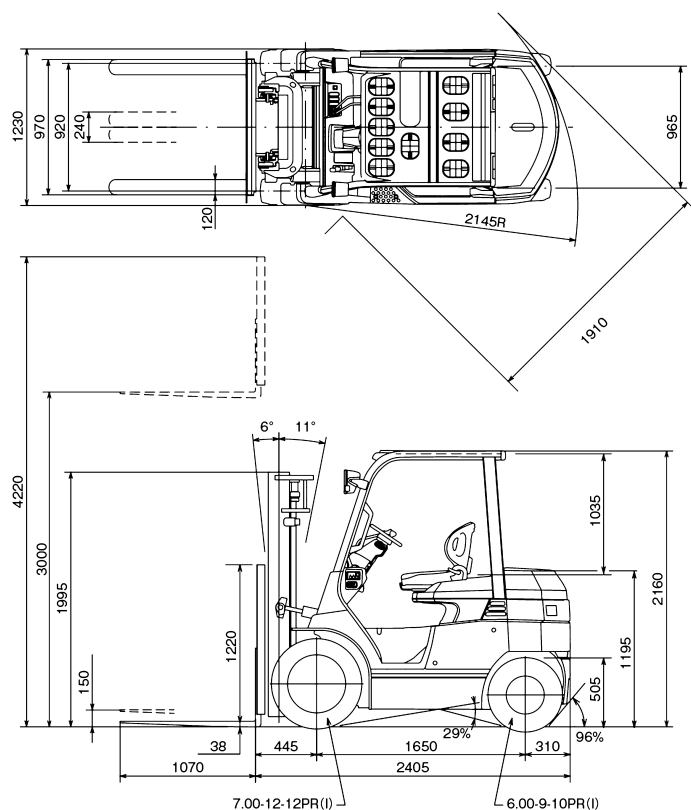
NOTE: * Computed values.

** 60 VDI circles/h with Tested Load of 2000 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

40-8FB20**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 Underclearance (Full Load)---	85(Mast)

RATED CAPACITIES

(September 2016)

40-8FB20

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)	500	2000	2000	2000	2000	2000	1900	1650 <1800>
	600	1810	1810	1810	1810	1810	1720	1490 <1630>
	700	1650	1650	1650	1650	1650	1570	1360 <1490>
	800	1520	1520	1520	1520	1520	1440	1250 <1370>
	900	1410	1410	1410	1410	1410	1340	1160 <1270>
	1000	1310	1310	1310	1310	1310	1250	1080 <1180>
	1100	1230	1230	1230	1230	1230	1170	1010 <1100>
	1200	1150	1150	1150	1150	1150	1090	950 <1040>
	1300	1090	1090	1090	1090	1090	1030	900 <980>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		40-8FB20		
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	1230	1455	1610
Tread, Front	mm	960	1105	1190

SPECIAL MAST

(September 2016)

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

Model				40-8FB20											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	360	270	270	245	330	250	250	245	330	250	250	245
		No Load	mm/sec	600	500	500	465	570	480	480	440	570	480	480	440
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	500	500	500	500	420	420	420	420	450	450	450	450
DIMENSIONS															

Load Distance (Centerline of front axle to front face of forks)	mm	445	445	480
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

40-8FB20

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1745	3160	3420	150	150	6	11	2000	6	11	2000
	2700	1845	3360	3620	150	150	6	11	2000	6	11	2000
	3000	1995	3660	3920	150	150	6	11	2000	6	11	2000
	3300	2145	3960	4220	150	150	6	11	2000	6	11	2000
	3500	2245	4160	4420	150	150	6	11	2000	6	11	2000
	3700	2405	4360	4620	150	150	6	11	2000	6	11	2000
	4000	2595	4660	4920	150	150	6	11	2000	6	11	2000
	4500	2845	5160	5420	150	150	6	6	1900	6	6	1900
FV	5000	3095	5660	5920	150	150	6	6	1650	6	6	1800
	3000	1995	3600	3920	1395	1075	6	11	2000	6	11	2000
	3300	2145	3900	4220	1545	1225	6	11	2000	6	11	2000
	3500	2245	4100	4420	1645	1325	6	11	2000	6	11	2000
	3700	2405	4300	4620	1805	1485	6	11	2000	6	11	2000
FSV	4000	2595	4600	4920	1995	1675	6	11	2000	6	11	2000
	3700	1795	4270	4620	1225	875	6	6	1900	6	6	1900
	4000	1895	4570	4920	1325	975	6	6	1900	6	6	1900
	4300	1995	4870	5220	1425	1075	6	6	1850	6	6	1850
	4500	2065	5070	5420	1495	1145	6	6	1800	6	6	1800
	4700	2145	5270	5620	1575	1225	6	6	1800	6	6	1800
	5000	2245	5570	5920	1675	1325	6	6	1550	6	6	1750
	5500	2405	6070	6420	1835	1485	6	6	1200	6	6	1700
	6000	2595	6570	6920	2025	1675	6	6	900	6	6	1500

NOTE: Height of standard load backrest is 920 mm.

8FB25

8FBH25

MAIN VEHICLE SPECIFICATIONS

(September 2016)

1	Manufacturer			TOYOTA	TOYOTA
2	Model			8FB25	8FBH25
3	Load Capacity		kg	2500	2500
4	Load Center		mm	500	500
5	Power Type			Battery	Battery
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	L x W x T	mm	1070/120/40	1070/120/40
	Lateral Fork Adjustment	MAX./MIN.	mm	1020/240	1020/240
14	Tilt Range	FWD/BWD	deg	7/11	7/11
15	Length to Fork Face		mm	2290	2290
16	Overall Width		mm	1160	1160
17	Mast Lowered Height		mm	1975	1975
18	Mast Extended Height		mm	4220	4220
19	Overhead Guard Height		mm	2025	2105
21	Turning Radius (Outside)		mm	2000	2000
22	Load Distance (Centerline of front axle to front face of forks)		mm	435	435
	Rear Overhang		mm	355	355
23	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm	2430	2430
	Intersecting Aisle Width		mm	1875	1875
24	Speeds *	Travel, Max. (FWD/RVS)	Full Load	km/h	14.0/14.0
			No Load	km/h	16.0/16.0
25		Lifting	Full Load	mm/sec	340
			No Load	mm/sec	600
26		Lowering	Full Load	mm/sec	500
			No Load	mm/sec	500
27	Drawbar Pull *	Full Load/ No Load	3-Minute Ratings	N (kg)	11090/10560 (1130/1070)
			5-Minute Ratings	N (kg)	11090/10560 (1130/1070)
			60-Minute Ratings	N (kg)	4510/4810 (460/490)
29	Gradeability *	Full Load/ No Load	3-Minute Ratings	% (tanθ)	18/20
			5-Minute Ratings	% (tanθ)	18/20
			30-Minute Ratings	% (tanθ)	12/20
32	Total Weight	Without Battery		kg	2960
33	Weight Distribution (With STD Battery)	Full Load	Front	kg	5630
			Rear	kg	710
34		No Load	Front	kg	1570
			Rear	kg	2270
35	Tires	Number	Front/Rear		2/2
36		Size	Front		21X8-9-14PR (I)
37			Rear		18X7-8-14PR (I)
38	Wheelbase		mm	1500	1500
39	Tread	Front	mm	970	970
		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
41		Center of Wheelbase (Full Load)	mm	85	85
		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
42	Brake	Service (Foot)		Hydraulic	Hydraulic
43		Parking		Hand	Hand
45	Battery	Voltage/Capacity (5-hour rating)	STD High	V/AH 48/565	48/730
46		Weight (STD Capacity Type)		kg	880
47	Electric Motors	Drive		kW	10.7
48		Load Handling		kW	12.2
		Energy Consumption According to VDI Cycle **		kWh/h	4.5
54	Control Type	Drive		Transistor inverter	Transistor inverter
		Load Handling		Transistor inverter	Transistor inverter
57	Operating Pressure	For Attachments	Mpa (psi)	14.7(2100)	14.7(2100)

Sound level at the driver's ear according to EN12053 Uncertainty 4dB(A)	dB(A)	67	67
Vibration in accordance with in EN13059	m/s ²	1.5	1.5

NOTE: * Computed values.

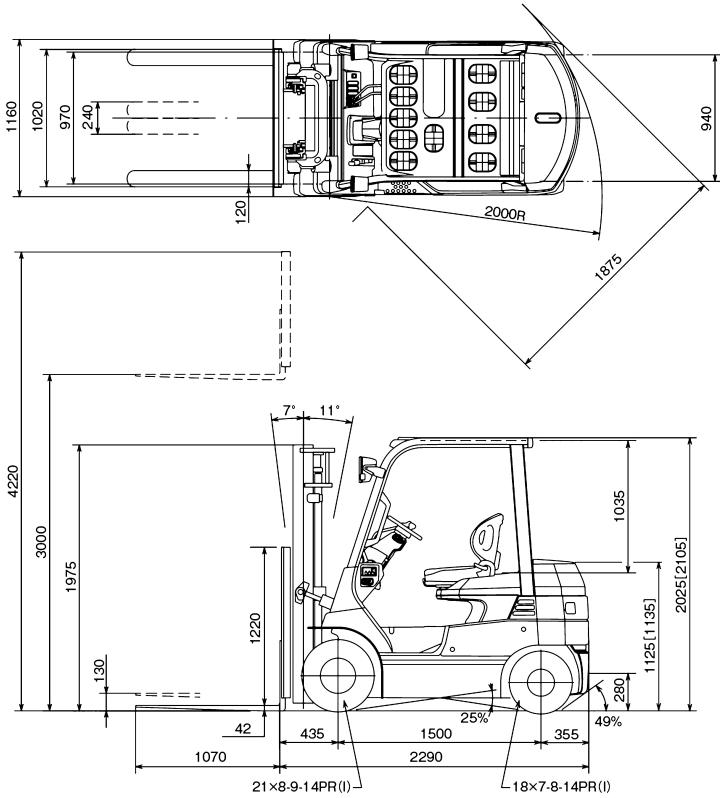
** 60 VDI circles/h with Tested Load of 2500 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB25/8FBH25



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 Underclearance (Full Load)---	65(Mast)

NOTE: [] for 8FBH25

RATED CAPACITIES

(September 2016)

8FB25/8FBH25

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)	500	2500	2500	2500	2500	2500	2300 <2450>	1800 <2350>
	600	2250	2250	2250	2250	2250	2070 <2210>	1620 <2120>
	700	2050	2050	2050	2050	2050	1890 <2010>	1480 <1930>
	800	1890	1890	1890	1890	1890	1730 <1850>	1360 <1770>
	900	1740	1740	1740	1740	1740	1600 <1710>	1250 <1640>
	1000	1620	1620	1620	1620	1620	1490 <1590>	1170 <1520>
	1100	1520	1520	1520	1520	1520	1390 <1490>	1090 <1420>
	1200	1420	1420	1420	1420	1420	1310 <1390>	1020 <1340>
	1300	1340	1340	1340	1340	1340	1230 <1310>	960 <1260>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB25/8FBH25		
Front Tire	Single/Dual	Single	Single	Dual
Front Tire Size		21x8-9-14PR (I)	23x9-10-16PR (I)	6.00-9-10PR (I)
Overall Width	mm	1160	1220	1480
Tread, Front	mm	970	990	1130

SPECIAL MAST

(September 2016)

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

Model				8FB25/8FBH25											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	340	260	260	220	320	240	240	220	320	240	240	220
		No Load	mm/sec	600	500	500	465	570	480	480	440	570	480	480	440
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	500	500	500	500	420	420	420	420	450	450	450	450
DIMENSIONS															

Load Distance (Centerline of front axle to front face of forks)	mm	435	435	460
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB25/8FBH25

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1725	3165	3420	130	130	7	11	2500	7	11	2500
	2700	1825	3365	3620	130	130	7	11	2500	7	11	2500
	3000	1975	3665	3920	130	130	7	11	2500	7	11	2500
	3300	2125	3965	4220	130	130	7	11	2500	7	11	2500
	3500	2225	4165	4420	130	130	7	11	2500	7	11	2500
	3700	2385	4365	4620	130	130	7	11	2500	7	11	2500
	4000	2575	4665	4920	130	130	7	5	2500	7	11	2500
	4500	2825	5165	5420	130	130	7	5	2300	7	5	2450
	5000	3075	5665	5920	130	130	7	5	1800	7	5	2350
FV	3000	1975	3600	3920	1375*	1055*	7	11	2500	7	11	2500
	3300	2125	3900	4220	1525*	1205*	7	11	2500	7	11	2500
	3500	2225	4100	4420	1625*	1305*	7	11	2500	7	11	2500
	3700	2385	4300	4620	1785*	1465*	7	11	2500	7	11	2500
	4000	2575	4600	4920	1975*	1655*	7	5	2500	7	11	2500
FSV	3700	1775	4340	4620	1135*	855*	7	5	2400	7	5	2400
	4000	1875	4640	4920	1235*	955*	7	5	2400	7	5	2400
	4300	1975	4940	5220	1335*	1055*	7	5	2300	7	5	2400
	4500	2045	5140	5420	1405*	1125*	7	5	2050	7	5	2300
	4700	2125	5340	5620	1485*	1205*	7	5	2050	7	5	2300
	5000	2225	5640	5920	1585*	1305*	7	5	1650	7	5	2200
	5500	2385	6140	6420	1745*	1465*	7	5	1250	7	5	2000
	6000	2575	6640	6920	1935*	1655*	7	5	1000	7	5	1550

NOTE: Height of standard load backrest is 920 mm.

* with optional tire size ; 23×9-10-16PR (I), plus 20 mm.

40-8FB25

MAIN VEHICLE SPECIFICATIONS

(September 2016)

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

Vibration in accordance with in EN13059

m/s²

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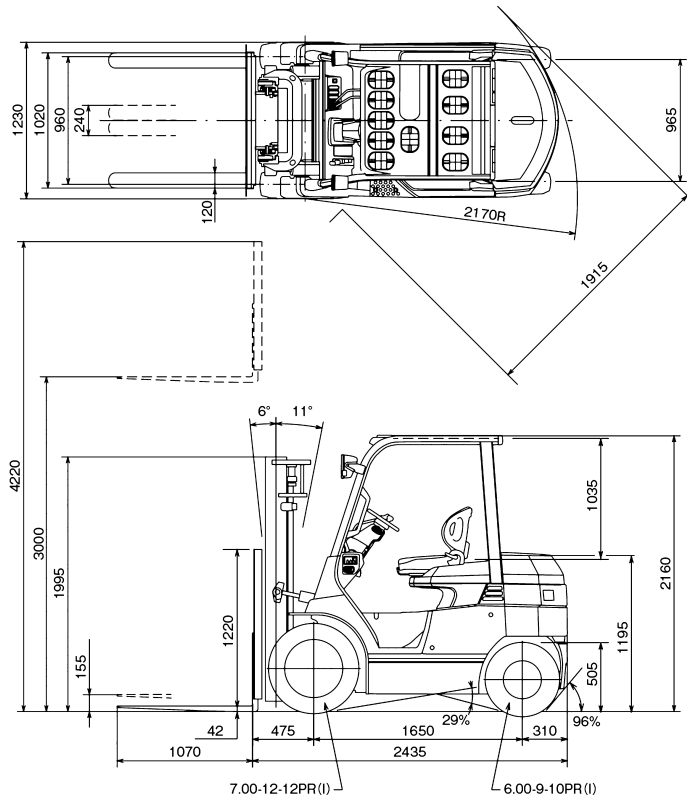
NOTE: * Computed values.

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

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

40-8FB25**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 Underclearance (Full Load)---	75(Mast)

RATED CAPACITIES

(September 2016)

40-8FB25

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)	500	2500	2500	2500	2500	2500	2300 <2450>	1800 <2350>
	600	2260	2260	2260	2260	2260	2080 <2220>	1630 <2130>
	700	2070	2070	2070	2070	2070	1900 <2030>	1490 <1940>
	800	1910	1910	1910	1910	1910	1750 <1870>	1370 <1790>
	900	1770	1770	1770	1770	1770	1620 <1730>	1270 <1660>
	1000	1650	1650	1650	1650	1650	1510 <1610>	1180 <1550>
	1100	1540	1540	1540	1540	1540	1420 <1510>	1110 <1450>
	1200	1450	1450	1450	1450	1450	1330 <1420>	1040 <1360>
	1300	1370	1370	1370	1370	1370	1260 <1340>	980 <1280>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		40-8FB25		
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	1230	1455	1610
Tread, Front	mm	960	1105	1190

SPECIAL MAST

(September 2016)

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

Model				40-8FB25											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	340	260	260	220	320	240	240	220	320	240	240	220
		No Load	mm/sec	600	500	500	465	570	480	480	440	570	480	480	440
	Lowering	Full Load	mm/sec	500	500	500	500	480	480	480	480	480	480	480	480
		No Load	mm/sec	500	500	500	500	420	420	420	420	450	450	450	450
DIMENSIONS															

Load Distance (Centerline of front axle to front face of forks)	mm	475	475	490
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

40-8FB25

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1745	3150	3420	155	155	6	11	2500	6	11	2500
	2700	1845	3350	3620	155	155	6	11	2500	6	11	2500
	3000	1995	3650	3920	155	155	6	11	2500	6	11	2500
	3300	2145	3950	4220	155	155	6	11	2500	6	11	2500
	3500	2245	4150	4420	155	155	6	11	2500	6	11	2500
	3700	2405	4350	4620	155	155	6	11	2500	6	11	2500
	4000	2595	4650	4920	155	155	6	6	2500	6	11	2500
	4500	2845	5150	5420	155	155	6	6	2300	6	6	2450
FV	5000	3095	5650	5920	155	155	6	6	1800	6	6	2350
	3000	1995	3595	3920	1400	1075	6	11	2500	6	11	2500
	3300	2145	3895	4220	1550	1225	6	11	2500	6	11	2500
	3500	2245	4095	4420	1650	1325	6	11	2500	6	11	2500
	3700	2405	4295	4620	1810	1485	6	11	2500	6	11	2500
FSV	4000	2595	4595	4920	2000	1675	6	6	2500	6	11	2500
	3700	1795	4265	4620	1230	875	6	6	2400	6	6	2400
	4000	1895	4565	4920	1330	975	6	6	2400	6	6	2400
	4300	1995	4865	5220	1430	1075	6	6	2300	6	6	2400
	4500	2065	5065	5420	1500	1145	6	6	2050	6	6	2300
	4700	2145	5265	5620	1580	1225	6	6	2050	6	6	2300
	5000	2245	5565	5920	1680	1325	6	6	1650	6	6	2200
	5500	2405	6065	6420	1840	1485	6	6	1250	6	6	2000
	6000	2595	6565	6920	2030	1675	6	6	1000	6	6	1550

NOTE: Height of standard load backrest is 920 mm.

8FB30

MAIN VEHICLE SPECIFICATIONS

(September 2016)

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

Vibration in accordance with in EN13059	m/s ²	1.5
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NOTE: * Computed values.

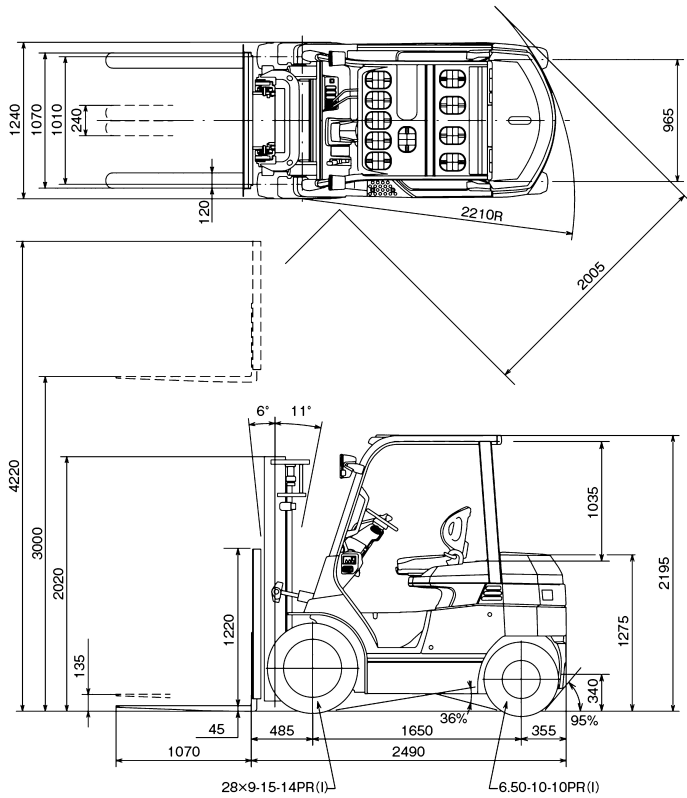
** 60 VDI circles/h with Tested Load of 3000 kg.

DIMENSIONAL DRAWINGS

(September 2016)

Unit: mm

8FB30



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 Underclearance (Full Load)---	115(Mast)

RATED CAPACITIES

(September 2016)

8FB30

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)	500	3000	3000	3000	3000	3000	2850 <3000>	2350 <3000>
	600	2720	2720	2720	2720	2720	2580 <2720>	2130 <2720>
	700	2490	2490	2490	2490	2490	2360 <2490>	1950 <2490>
	800	2290	2290	2290	2290	2290	2180 <2290>	1800 <2290>
	900	2130	2130	2130	2130	2130	2020 <2130>	1670 <2130>
	1000	1980	1980	1980	1980	1980	1880 <1980>	1550 <1980>
	1100	1860	1860	1860	1860	1860	1770 <1860>	1450 <1860>
	1200	1750	1750	1750	1750	1750	1660 <1750>	1370 <1750>
	1300	1650	1650	1650	1650	1650	1570 <1650>	1290 <1650>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FB30		
Front Tire	Single/Dual	Single	Dual	Dual
Front Tire Size		28x9-15-14PR (I)	6.00-15-10PR (I)	28x8-15-12PR (I)
Overall Width	mm	1240	1475	1675
Tread, Front	mm	1010	1105	1240

SPECIAL MAST

(September 2016)

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

Model				8FB30											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	320	230	230	210	300	220	220	195	300	220	220	195
		No Load	mm/sec	550	410	410	355	500	380	380	325	500	380	380	325
	Lowering	Full Load	mm/sec	500	500	500	500	460	460	460	460	460	460	460	460
		No Load	mm/sec	500	500	500	500	390	390	390	390	420	420	420	420
DIMENSIONS															

Load Distance (Centerline of front axle to front face of forks)	mm	485	485	495
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FB30

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1770	3220	3570	135	135	6	11	3000	6	11	3000
	2700	1870	3420	3770	135	135	6	11	3000	6	11	3000
	3000	2020	3720	4070	135	135	6	11	3000	6	11	3000
	3300	2170	4020	4370	135	135	6	11	3000	6	11	3000
	3500	2270	4220	4570	135	135	6	11	3000	6	11	3000
	3700	2430	4420	4770	135	135	6	11	3000	6	11	3000
	4000	2620	4720	5070	135	135	6	11	3000	6	11	3000
	4500	2870	5220	5570	135	135	6	5	2850	6	5	3000
FV	5000	3120	5720	6070	135	135	6	5	2350	6	5	3000
	3000	2020	3615	4070	1405	950	6	11	3000	6	11	3000
	3300	2170	3915	4370	1555	1100	6	11	3000	6	11	3000
	3500	2270	4115	4570	1655	1200	6	11	3000	6	11	3000
	3700	2430	4315	4770	1815	1360	6	11	3000	6	11	3000
FSV	4000	2620	4615	5070	2005	1550	6	11	3000	6	11	3000
	3700	1920	4315	4770	1305	850	6	5	3000	6	5	3000
	4000	2020	4615	5070	1405	950	6	5	3000	6	5	3000
	4300	2170	4915	5370	1555	1100	6	5	3000	6	5	3000
	4500	2220	5115	5570	1605	1150	6	5	2800	6	5	2900
	4700	2270	5315	5770	1655	1200	6	5	2800	6	5	2650
	5000	2430	5615	6070	1815	1360	6	5	2400	6	5	2050
	5500	2620	6115	6570	2005	1550	6	5	1900	6	5	2650
	6000	2870	6615	7070	2255	1800	6	5	1450	6	5	2050

NOTE: Height of standard load backrest is 1070 mm.

8FBJ35

MAIN VEHICLE SPECIFICATIONS

(September 2016)

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

** 60 VDI circles/h with Tested Load of 3500 kg.

– (September 2016)

8FBJ35



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 Underclearance (Full Load)---	115(Mast)

RATED CAPACITIES

(September 2016)

8FBJ35

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)	500	3500	3500	3500	3500	3500	3350 <3500>	2750 <3400>
	600	3180	3180	3180	3180	3180	3040 <3180>	2490 <3090>
	700	2910	2910	2910	2910	2910	2790 <2910>	2290 <2830>
	800	2690	2690	2690	2690	2690	2570 <2690>	2110 <2610>
	900	2490	2490	2490	2490	2490	2390 <2490>	1960 <2420>
	1000	2330	2330	2330	2330	2330	2230 <2330>	1830 <2260>
	1100	2180	2180	2180	2180	2180	2090 <2180>	1710 <2120>
	1200	2050	2050	2050	2050	2050	1960 <2050>	1610 <1990>
	1300	1940	1940	1940	1940	1940	1860 <1940>	1520 <1880>

FSV Mast

Unit: kg (W)

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

NOTE: <> for dual tire models.

SPECIAL TREAD

(September 2016)

Model		8FBJ35		
Front Tire	Single/Dual	Single	Dual	Dual
Front Tire Size		28x9-15-14PR (I)	6.00-15-10PR (I)	28x8-15-12PR (I)
Overall Width	mm	1240	1525	1725
Tread, Front	mm	1010	1155	1290

SPECIAL MAST

(September 2016)

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

Model				8FBJ35											
Type of Mast				V				FV				FSV			
PERFORMANCE															
Power Mode				H	P	S	E	H	P	S	E	H	P	S	E
Speeds	Lifting	Full Load	mm/sec	270	190	190	180	270	195	195	180	270	195	195	180
		No Load	mm/sec	460	340	340	300	430	330	330	285	430	330	330	285
	Lowering	Full Load	mm/sec	500	500	500	500	460	460	460	460	460	460	460	460
		No Load	mm/sec	450	450	450	450	390	390	390	390	420	420	420	420
DIMENSIONS															

Load Distance (Centerline of front axle to front face of forks)	mm	500	500	510
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NOTE: H High power mode / P Power mode / S Standard mode / E Eco mode

MAST SPECIFICATIONS & RATED CAPACITIES

(September 2016)

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

8FBJ35

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		FWD	BWD	
	mm	mm	mm	mm	mm	mm	deg	deg	kg	deg	deg	kg
V	2500	1890	3360	3570	140	140	6	11	3500	6	11	3500
	2700	1990	3560	3770	140	140	6	11	3500	6	11	3500
	3000	2110	3860	4070	140	140	6	11	3500	6	11	3500
	3300	2290	4160	4370	140	140	6	11	3500	6	11	3500
	3500	2390	4360	4570	140	140	6	11	3500	6	11	3500
	3700	2490	4560	4770	140	140	6	11	3500	6	11	3500
	4000	2740	4860	5070	140	140	6	11	3500	6	11	3500
	4500	2990	5360	5570	140	140	6	5	3350	6	5	3500
FV	5000	3240	5860	6070	140	140	6	5	2750	6	5	3400
	3000	2110	3725	4070	1385	1040	6	11	3500	6	11	3500
	3300	2290	4025	4370	1565	1220	6	11	3500	6	11	3500
	3500	2390	4225	4570	1665	1320	6	11	3500	6	11	3500
	3700	2490	4425	4770	1765	1420	6	11	3500	6	11	3500
FSV	4000	2740	4725	5070	2015	1670	6	11	3500	6	11	3500
	3700	2020	4425	4770	1295	950	6	5	3500	6	5	3500
	4000	2170	4725	5070	1445	1100	6	5	3500	6	5	3500
	4300	2225	5025	5370	1495	1155	6	5	3500	6	5	3500
	4500	2270	5225	5570	1545	1200	6	5	2900	6	5	3400
	4700	2430	5425	5770	1705	1360	6	5	2900	6	5	3400
	5000	2620	5725	6070	1895	1550	6	5	2500	6	5	3300
	5500	2870	6225	6570	2145	1800	6	5	1950	6	5	2900
	6000	3120	6725	7070	2395	2050	6	5	1500	6	5	2200

NOTE: Height of standard load backrest is 1070 mm.

(40-) 8FB (H) 10.14.15.18.20.25 8FB30, 8FBJ35

STANDARD EQUIPMENT

(August 2016)

8FB10.14.15.18.20.25.30, 8FBJ35

● Drive AC motor ● Load Handling AC motor ● Wide Visible Mast (V) [MFH: 3000 mm] ● Backrest (Angled Lower Stay, V and FSV masts) ● Operator Presence Sensing System (OPS) ● Easy-down system (V masts) ● Multi-function display (with Power Meter) ● Power select function ● Power keep function ● Hour meter ● Headlights ● ORS seat ● Memory tilt steering column ● Emergency Power Shut-Down Button ● Dual-action parking brake ● Full hydraulic power steering ● Electric horn ● Floor mat ● Storage area ● Assist grip ● Battery Connector Handle ● Overhead guard ● Overhead guard cap ● Drawbar pin ● Document clip

OPTIONS AVAILABILITY CHART

(August 2016)

●: Available

Item			Code	Model							
				8FB(H)10	8FB(H)14	(40-)8FB(H)15	8FB(H)18	(40-)8FB(H)20	(40-)8FB(H)25	8FB30	8FBJ35
LOAD HANDLING											
Wide Visible Mast (V)	w. Backrest	★	M00B※	●	●	●	●	●	●	●	●
Full-free Lift 2-stage Mast (FV)	w. Backrest	1) ★	M00F※	●	●	●	●	●	●	●	●
	w/o Backrest	★	M00F※	●	●	●	●	●	●	●	●
Full-free Lift 3-stage Mast (FSV)	w. Backrest	★	M00D※	●	●	●	●	●	●	●	●
Fully Oil Charged Lift Cylinder		☆☆	M09A	●	●	●	●	●	●	●	●
Long Forks		☆☆	M20A※	●	●	●	●	●	●	●	●
w/o Fork Set		★	M20N	●	●	●	●	●	●	●	●
Additional Forks	2)		M29A	●	●	●	●	●	●	●	●
Long Forkbar		☆☆	M30A※	●	●	●	●	●	●	●	●
High Load Backrest (Angle Shape Type)	3)	☆☆	M40A※	●	●	●	●	●	●	●	●
High Load Backrest (Flat Steel Type)	4)	☆☆	M33A	●	●	●	●	●	●	●	●
High Load Backrest When Ordering FV Mast	5)	★	M41B	●	●	●	●	●	●	●	●
w/o Backrest		★	M40N	●	●	●	●	●	●	●	●
Laser Marker	6)	★	M67A	●	●	●	●	●	●		
Fork Vibration Damper		★	M82A	●	●	●	●	●	●	●	●
Tilt Cylinder Boots			K11A	●	●	●	●	●	●	●	●
Mast Tilt Indicator			N14A	●	●	●	●	●	●	●	●
BATTERY AND CONTROLLER											
Battery (Wet Cell)	7)	☆☆	D00C/D※	●	●	●	●	●	●	●	●
Battery Case		★	D80B	●	●	●	●	●	●	●	●
Battery Hanger		★	D46A	●	●	●	●	●	●	●	●
Local Battery	8)	☆☆	D03C/D	●	●	●	●	●	●	●	●
Spare Battery (Wet Cell)	9)	★	D20A	●	●	●	●	●	●	●	●
Battery Brand (GS Yuasa)		★	D30A	●	●	●	●	●	●	●	●
Battery Brand (HITACHI)		★	D30B	●	●	●	●	●	●	●	●
Battery Charger	On-truck Type	☆☆	C30E	●	●	●	●	●	●	●	●
	Off-truck Type	☆☆	C30L/M	●	●	●	●	●	●	●	●
Battery Protecting Function	10)	★	D42B	●	●	●	●	●	●	●	●
Battery Fluid Top-up System with Reserver Tank	11)	★	D44B	●	●	●	●	●	●	●	●
Battery Code Adapter		★	D58A	●	●	●	●	●	●	●	●
12V Power Supply			D59B	●	●	●	●	●	●	●	●
Wire Harness For Accessories		★	D61B	●	●	●	●	●	●	●	●
Battery Side-out	12) 13)	☆☆	G25B	●	●	●	●	●	●		
Single Overall Electrolyte Filler Ports		★	D40A	●	●	●	●	●	●	●	●
LIGHT AND INDICATORS											
Slope Sensing Auto-Power Mode Selector	14)		E09D	●	●	●	●	●	●	●	●
Yellow Beacon On The Overhead Guard		★	J19A	●	●	●	●	●	●	●	●
Yellow Beacon On The Overhead Guard (Key-on Position)		★	J19E	●	●	●	●	●	●	●	●
LED Yellow Beacon On The Overhead Guard		★	J19S	●	●	●	●	●	●	●	●
LED Yellow Beacon On The Overhead Guard (Key-on Position)		★	J19U	●	●	●	●	●	●	●	●
Front Combination Lights		★	J20B	●	●	●	●	●	●	●	●
LED Rear Combination LIGHTS		★	J21D	●	●	●	●	●	●	●	●
LED Head Light & Front Combination Lights		★	J24L	●	●	●	●	●	●	●	●
LED Rear Working Light		★	J26A	●	●	●	●	●	●	●	●
LED Rear Working Light (Selective Lighting Condition)		★	J26C	●	●	●	●	●	●	●	●
LED Blue Light (Selective Lighting Condition)		★	J44C	●	●	●	●	●	●	●	●
License-plate Light and Bracket			J08B	●	●	●	●	●	●	●	●

Item			Code	Model							
				8FB(H)10	8FB(H)14	(40-)8FB(H)15	8FB(H)18	(40-)8FB(H)20	(40-)8FB(H)25	8FB30	8FBJ35
Headlight Guards	15)	★	K03A	●	●	●	●	●	●	●	●
Back-up Buzzer		★	K21D	●	●	●	●	●	●	●	●
Adjustable-volume Back-up Buzzer		★	K21H	●	●	●	●	●	●	●	●
Forward Chime		★	K22A	●	●	●	●	●	●	●	●
Back-up Chime		★	K21C	●	●	●	●	●	●	●	●
Forward & Back-up Chime		★	K21A	●	●	●	●	●	●	●	●
Seat Belt Interlock System		★	K36B	●	●	●	●	●	●	●	●
Deluxe Multifunction Display	16)		L26B	●	●	●	●	●	●	●	●
PIN Code Entry System		★	L38B	●	●	●	●	●	●	●	●
Shock Sensor		★	L39B	●	●	●	●	●	●	●	●
CAN System for Telematics		★	L39C	●	●	●	●	●	●	●	●
Telematics		★	L39D	●	●	●	●	●	●	●	●
BODY											
Right Hand Shift Lever	17)	★	E11B	●	●	●	●	●	●	●	●
Suspension Seat w/ Damper		★	G40E	●	●	●	●	●	●	●	●
Orange Seat Belt		★	G43C	●	●	●	●	●	●	●	●
w/o Overhead Guard Caps		★	H01N	●	●	●	●	●	●	●	●
Canvas Cabin w/ Wiper		★	H02B	●	●	●	●	●	●	●	●
Front Windshield w/Wiper and Washer		★	H02D	●	●	●	●	●	●	●	●
Rear-view Mirror, Right and Left Sides		★	J10B	●	●	●	●	●	●	●	●
Panoramic Mirror		★	J10J	●	●	●	●	●	●	●	●
Rear-pillar Assist Grip		★	L37A	●	●	●	●	●	●	●	●
Sleeved Forks		★	P10A			●	●	●	●	●	●
Clamp Release Interlock 3rd Lever	41)	★	Q15A	●	●	●	●	●	●	●	●
Clamp Release Interlock 4th Lever	42)	★	Q15B	●	●	●	●	●	●	●	●
Clamp Release Interlock 3rd/4th Lever	43)	★	Q15D	●	●	●	●	●	●	●	●
Body & Forks In One Color (Mast, B/R & ATT In STD Color)	18)		R30A	●	●	●	●	●	●	●	●
Body & Forks In Two Color (Mast, B/R & ATT In STD Color)	18)		R30B	●	●	●	●	●	●	●	●
Body & Forks In Three Color (Mast, B/R & ATT In STD Color)	18)		R30C	●	●	●	●	●	●	●	●
Body & Forks In Four Color (Mast, B/R & ATT In STD Color)	18)		R30D	●	●	●	●	●	●	●	●
Mast, B/R & ATT In Specified Color	19)		R40A	●	●	●	●	●	●	●	●
Tool, Standard Set (A Set)		★	S00B	●	●	●	●	●	●	●	●
Tool, Standard Set (B Set)		★	S00C	●	●	●	●	●	●	●	●
TOYOTA Symbol Mark			S02A	●	●	●	●	●	●	●	●
Certificated Label			S20C	●	●	●	●	●	●	●	●
S.A.S. Equipped Decal	20)		S28A	●	●	●	●	●	●	●	●
Name Plate	21)	★	S31*	●	●	●	●	●	●	●	●
OPS Decal		★	S35A	●	●	●	●	●	●	●	●
CHASSIS											
Dual Brake Pedal			E32A	●	●	●	●	●	●	●	●
Power Steering Cylinder Boots		★	K14A	●	●	●	●	●	●	●	●
WHEELS AND TIRES											
Pneumatic Tire		☆		●	●	●	●	●	●	●	●
Pneumatic-Shaped Cushion Tire		☆		●	●	●	●	●	●	●	●
SPECIAL MODELS											
China Certification Spec.	22)	★	A10R	●	●	●	●	●	●	●	●
Australian Spec.	23)	★	A20T				●		●		●
E.E.C. Spec.	24)	★	A10A			●	●	●	●	●	●
E Mark (for EC)	24)25)	★	A13A			●	●	●	●	●	●
Europe Spec	24)44)	★	A19A			●	●	●	●	●	●
System of Active Stability			A41A	●	●	●	●	●	●	●	●
Cold-storage Model (Type 45S)	26)	★	B30E	●	●	●	●	●	●	●	●
Rust-proof Model (Fisherman Special)	26)	★	B30F	●	●	●	●	●	●	●	●
Cold-storage Model (Fisherman Special)	26)	★	B30G	●	●	●	●	●	●	●	●
Rust-proof Model		★	B30H	●	●	●	●	●	●	●	●
Key-less Ignition Switch	27)		D29A	●	●	●	●	●	●	●	●
Low Height Headguard (2200)	12)	★	H35A	●	●	●	●	●	●		
Unit Indication, mm/kg	28)		A95B	●	●	●	●	●	●	●	●
Body Color (501 Beige)		★	R00V	●	●	●	●	●	●	●	●
Urethane Resin Paint	29)		R05B	●	●	●	●	●	●	●	●
Lacquer Paint	29)		R05C	●	●	●	●	●	●	●	●
Wheel in Specified Color			R08A	●	●	●	●	●	●	●	●
Mast Rust-proof Painting			R50A	●	●	●	●	●	●	●	●
Backrest Rust-proof Painting			R51A	●	●	●	●	●	●	●	●
PACKING											
Parts Catalog(General)2set			S52B	●	●	●	●	●	●	●	●
Parts Catalog(Specified User)1set			S52G	●	●	●	●	●	●	●	●
Parts Catalog(Specified User)2set			S52H	●	●	●	●	●	●	●	●
Export Packing(Standard)			T00B	●	●	●	●	●	●	●	●
Export Packing(Wooden Box)			T01A	●	●	●	●	●	●	●	●

Item	Code	Model							
		8FB(H)10	8FB(H)14	(40-)8FB(H)15	8FB(H)18	(40-)8FB(H)20	(40-)8FB(H)25	8FB30	8FBJ35
W/o Fork Packing For Container	T03N	●	●	●	●	●	●	●	●
Spare Battery Case Packing(Crate) 30)	T06A	●	●	●	●	●	●	●	●
Charger Packing(Crate) 31)	T07A	●	●	●	●	●	●	●	●
Attachment Packing(Pallet)	T10A	●	●	●	●	●	●	●	●
Mast Packing(Wooden Case) 32)	T11B	●	●	●	●	●	●	●	●
Mast Packing(w/o Case) 32)	T11C	●	●	●	●	●	●	●	●
Mast Packing(Pallet) 32)	T11E	●	●	●	●	●	●	●	●
Collective Water-Supply Tank Packing	T13B	●	●	●	●	●	●	●	●
Attachment Packing(On truck)	T18A	●	●	●	●	●	●	●	●
TOYOTA Mark & Plate Packing	T30A	●	●	●	●	●	●	●	●
w/o Touch-Up Paint	T44N	●	●	●	●	●	●	●	●
Operator's Manual 2set	T45B	●	●	●	●	●	●	●	●
Operator's Manual(Special)1set	T45M	●	●	●	●	●	●	●	●
Operator's Manual(Special)2set	T45O	●	●	●	●	●	●	●	●
W/o Washer Fluid 33)	T49N	●	●	●	●	●	●	●	●
Original Forks Packing(Separate)	T90A	●	●	●	●	●	●	●	●
Additional Forks Packing(Separate)	T91A	●	●	●	●	●	●	●	●
Sleeved Forks Packing(Separate) 34)35)	T92A	●	●	●	●	●	●	●	●
Sleeved Forks Packing(On truck) 34)	T92B	●	●	●	●	●	●	●	●
Backrest Packing(Separate) 36)	T93A	●	●	●	●	●	●	●	●

NOTE:

- 1) Must specify M41B or M45A when backrest is required.
- 2) Length of the forks can be selected from the size range set for [M20A].
- 3) Must enter together with M41B or M45A when FV Mast is required.
- 4) For NZ model, must be specified.
- 5) Available only FV Mast.
- 6) Must specify A41A.
Not available on models with "40-8FB20/25, 8FB30/J35".
- 7) Not necessary to specify when selecting local battery.
- 8) Must enter together with D80B.
- 9) Only available with the same capacity, brand and spec of the battery.
- 10) Must specify D00C or D00D.
- 11) Must specify D40A.
- 12) Available on models with "8FB10/14/15/18/20/25".
- 13) Must specify either "D00C0485/0600, D03C0485/0600" or D80B.
- 14) Must specify A41A.
- 15) Must enter together with J20B
- 16) Must specify A41A.
- 17) Only available when A41A is required.
- 18) Must specify R05B or R05C.
- 19) Must specify both R30A/B/C/D and R05B/C.
- 20) Must specify A41A.
- 21) Must specify S31*.
(English[S31A],Spanish[S31B],Chinese[S31C],French[S31E], Russian[S31F], Taiwanese[S31G] and Portuguese[S31K])
- 22) Not available on models "8FBH10/14/15/18/20/25, 40-8FB15/20/25".
- 23) Available on models with "8FB18/25/J35".
Must specify A41A and either G40E or H35A.
- 24) Not available on models with "8FB(H)10/14, 40-8FB15/20/25".
- 25) For EC model , must be specified.
- 26) Not available on models with "40-8FB15/20/25".
- 27) Must specify L38B or L39D.
- 28) All models must be specified.
- 29) Must specify R30A/B/C/D.
- 30) Must enter flag "B".
- 31) Must enter flag "C".
- 32) Must enter flag "M".
- 33) Must specify H02B/D.
The countries which are applied methanol control must be specified.
- 34) Must specify P10A.
- 35) Must enter flag "S".
- 36) Must enter flag "X".
- 37) Must enter together TSDR-No.
- 38) Must enter inspection code.
- 39) Must enter required numbers of the sheet.
- 40) For Malaysia model, must be specified.
- 41) Must specify either A410/A411 or Load Stabilizer[L1].
- 42) Must specify either A450/A451 or Full Rotating Paper Roll Clamp[U61C671/681].
- 43) Must specify either A420/A421 or Bale Clamp[C242].
- 44) Must specify A10A and A41A.
- ★ Please see the "Matching Options".
- ☆ Please see the chart below for the item.

FULLY OIL CHARGED LIFT CYLINDER

(August 2016)

Model	Mast Type	
8FB/8FBH10.14 15.18.20.25	V	●
40-8FB15.20.25	FV	○
8FB30, 8FBJ35	FSV	●

INDEX: ○ Standard / ● Available, *Equipped automatically when B30E/F/G/H is selected.

MAST INTERCHANGEABILITY

(August 2016)

Model	Mast Type		
	Wide Visible Mast (V)	Wide Visible Full-Free Lift Two-Stage Mast (FV)	Wide Visible Full-Free Lift Three-Stage Mast (FSV)
8FB10.14.15.18 8FBH10.14.15.18	●	●	●
40-8FB15	●	●	●
8FB/8FBH20	●	●	●
40-8FB20	●	●	●
8F/8FBH25	●	●	●
40-8FB25	●	●	●
8FB30	●	●	●
8FBJ35	●	●	●

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

MAST WEIGHT

(August 2016)

Mast Type	Maximum Fork Height	Model					
		8FB/8FBH 10.14.15.18	8FB/8FBH20.25 40-8FB15	40-8FB20	40-8FB25	8FB30	8FBJ35
V	mm	kg	kg	kg	kg	kg	kg
	2500	380	430	435	460	535	640
	2700	390	445	455	480	550	655
	3000	410	465	480	505	570	680
	3300	440	500	510	540	610	715
	3500	460	520	530	560	630	730
	3700	470	530	540	570	650	750
	4000	490	565	570	610	680	830
	4500	540	615	630	685	760	900
	5000	570	655	670	725	800	940
FV	3000	450	505	540	540	610	730
	3300	480	540	580	580	660	765
	3500	500	560	600	600	680	780
	3700	510	570	610	610	700	805
FSV	4000	530	605	650	650	740	860
	3700	560	650	685	685	795	890
	4000	580	670	715	715	815	920
	4300	610	690	745	745	855	955
	4500	630	705	770	770	875	970
	4700	650	720	795	795	895	985
	5000	680	740	825	825	935	1070
	5500	700	790	855	855	1015	1125
	6000	770	840	945	945	1075	1200

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.

TILT RANGE

(August 2016)

(with Front Windshield Models)

Mast Type	Model	8FB10.14.15 8FBH10.14.15				40-8FB15				8FB18 8FBH18						8FB20 8FBH20				40-8FB20	
		All				All				Single				Dual		All				All	
	Front Tire Size	Except 6.50-10		6.50-10		Except 23x9		23x9		21x8		6.50-10		All		Except 23x9		23x9		All	
		Maximum Fork Height	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	
	mm	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	
V FV	2500	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	
	2700	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	
	3000	7	9	6	10	7	9	6	10	7	9	6	10	7	9	7	9	6	10	6	
	3300	7	9	6	10	7	9	6	10	7	9	6	10	7	9	7	9	6	10	6	
	3500	7	9	6	10	7	9	6	10	7	9	6	10	7	9	7	9	6	10	6	
	3700	7	9	6	10	7	9	6	10	7	9	6	10	7	9	7	9	6	10	6	
	4000	7	9	6	10	7	9	6	10	7	5	6	6	7	9	7	9	6	10	6	
	4500	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	
	5000	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	

Mast Type	Model	8FB25 8FBH25				40-8FB25				8FB30 8FBJ35	
		Single		Dual		Single		Dual		All	
		21x8		23x9		6.00-9		7.00-12		All	
	Maximum Fork Height mm	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg
V FV	2500	7	5	6	6	7	5	6	6	6	5
	2700	7	5	6	6	7	5	6	6	6	5
	3000	7	9	6	10	7	9	6	9	6	9
	3300	7	9	6	10	7	9	6	9	6	9
	3500	7	9	6	10	7	9	6	9	6	9
	3700	7	9	6	10	7	9	6	9	6	9
	4000	7	5	6	6	7	9	6	6	6	9
	4500	7	5	6	6	7	5	6	6	6	5
	5000	7	5	6	6	7	5	6	6	6	5

NOTE: The FSV mast has no tilt-range restriction.

TILT RANGE

(August 2016)

(with Front Windshield + A4 Piping Models)

Mast Type	Model	8FB10.14.15 8FBH10.14.15				40-8FB15				8FB18 8FBH18						8FB20 8FBH20				40-8FB20		
		All				All				Single				Dual		All				All		
		Except 6.50-10		6.50-10		Except 23x9		23x9		21x8		6.50-10		All		Except 23x9		23x9		All		
	Maximum Fork Height		FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD
	mm	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg
V	2500	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6	6
	2700	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6	6
	3000	7	7	6	8	7	7	6	8	7	7	6	8	7	7	7	7	6	8	6	9	9
	3300	7	7	6	8	7	7	6	8	7	7	6	8	7	7	7	7	6	8	6	9	9
	3500	7	7	6	8	7	7	6	8	7	7	6	8	7	7	7	7	6	8	6	9	9
	3700	7	7	6	8	7	7	6	8	7	7	6	8	7	7	7	7	6	8	6	9	9
	4000	7	7	6	8	7	7	6	8	7	5	6	6	7	7	7	7	6	8	6	9	9
	4500	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6	6
	5000	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6	6

Mast Type	Model	8FB25 8FBH25				40-8FB25				8FB30 8FBJ35	
		Single		Dual		Single		Dual		All	
		21x8		23x9		6.00-9		7.00-12		All	
	Maximum Fork Height mm	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg	FWD deg	BWD deg
V	2500	7	5	6	6	7	5	6	6	6	5
	2700	7	5	6	6	7	5	6	6	6	5
	3000	7	7	6	8	7	7	6	9	6	9
	3300	7	7	6	8	7	7	6	9	6	9
	3500	7	7	6	8	7	7	6	9	6	9
	3700	7	7	6	8	7	7	6	9	6	9
	4000	7	5	6	6	7	7	6	6	6	9
	4500	7	5	6	6	7	5	6	6	6	5
	5000	7	5	6	6	7	5	6	6	6	5

TILT RANGE

(August 2016)

(with A4 Piping Models)

Mast Type	Model	8FB10.14.15 8FBH10.14.15				40-8FB15				8FB18 8FBH18				8FB20 8FBH20				40-8FB20			
	Front Tire Size	All				All				Single		Dual		All				All			
		Except 6.50-10		6.50-10		Except 23x9		23x9		21x8		6.50-10		All		Except 23x9		23x9		All	
	Maximum Fork Height	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD
mm	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	
FV	3000	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6
	3300	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6
	3500	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6
	3700	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6
	4000	7	5	6	6	7	5	6	6	7	5	6	6	7	5	7	5	6	6	6	6

Mast Type	Model	8FB25 8FBH25				40-8FB25				8FB30 8FBJ35					
	Front Tire Size	Single				Dual				Single		Dual		All	
		21x8		23x9		6.00-9		7.00-12		All		All			
	Maximum Fork Height	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD	FWD	BWD		
mm	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg	deg			
FV	3000	7	5	6	6	7	5	6	6	6	6	6	5		
	3300	7	5	6	6	7	5	6	6	6	6	6	5		
	3500	7	5	6	6	7	5	6	6	6	6	6	5		
	3700	7	5	6	6	7	5	6	6	6	6	6	5		
	4000	7	5	6	6	7	5	6	6	6	6	6	5		

LONG FORKS

(August 2016)

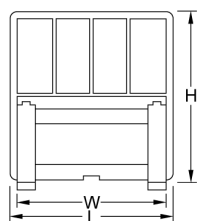
Unit: mm

Model	Length	Width	Thickness	Availability
8FB10 8FBH10	770	100	30	●
	850			●
	920			●
	1070			○
	1220		35	●
8FB14 8FBH14	850	100	35	●
	920			●
	1070			○
	1220			●
8FB15.18 8FBH15.18 40-8FB15	920	100	35	●
	1070			○
	1220			●
	1370			●
	1520			●
8FB20 8FBH20 40-8FB20	920	120	36	●
	1070			○
	1220			●
	1370			●
	1520			●
8FB25 8FBH25 40-8FB25	920	120	40	●
	1070			○
	1220			●
	1370			●
	1520			●
	1670			●
	1820			●
8FB30	1070	120	44	○
	1220			●
	1370			●
	1520			●
	1670			●
	1820			●
8FBJ35	1970	140	50	●
	920			●
	1070			○
	1220			●
	1370			●
	1520			●
	1670			●

INDEX: ○ Standard / ● Available

LONG FORKBAR AND HIGH LOAD BACKREST

(August 2016)



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
8FB 10.14.15.18 8FBH 10.14.15.18 40-8FB15	920		●	●		●	●	●
	1070		●	●		●	●	●
	1220		○	●		●	●	●
	1370		●					
	1520		●					
	1670		●					
	1820		●					
8FB20.25 8FBH20.25 40-8FB20.25	920			●		●	●	●
	1070			●		●	●	●
	1220			○		●	●	●
	1370			●				
	1520			●				
	1670			●				
	1820			●				
8FB30 8FBJ35	920				●	●	●	●
	1070				●	●	●	●
	1220				○	●	●	●
	1370				●			
	1520				●			
	1670				●			
	1820				●			

INDEX: ○ Standard / ● Available

NOTE: *Dimensions are 60mm shorter when High Load Backrest (Flat Steel Type) [M33A] is selected.

BATTERY AVAILABILITY

(August 2016)

Model	Battery				
	Code (Wet Cell)	Code (Local Battery)	V	AH/HR	Availability
8FB10.14	D00C	D03C	48	330/5	●
				400/5	●
				485/5	●
8FB15.18	D00C	D03C	48	400/5	●
				485/5	●
8FBH10.14.15.18	D00C	D03C	48	545/5	●
40-8FB15	D00C	D03C	48	600/5	●
				730/5	●
				450/5	●
8FB20	D00C	D03C	48	565/5	●
				600/5	●
				565/5	●
8FB25	D00C	D03C	48	600/5	●
8FBH20.25	D00C	D03C	48	730/5	●
40-8FB20.25	D00C	D03C	48	845/5	●
8FB30 8FBJ35	D00D	D03D	80	370/5	●
				470/5	●

INDEX: ● Available

For Battery Side-out [G25B]

Model	Battery				
	Code (Wet Cell)	Code (Local Battery)	V	AH/HR	Availability
8FB10.14.15.18	D00C	D03C	48	485/5	●
8FB20.25	D00C	D03C	48	600/5	●

INDEX: ● Available

AVAILABILITY OF BATTERY CHARGER (August 2016)

Off-Truck Type (GS YUASA)

Battery Voltage V	Battery Capacity AH/5HR	Code	AC Input Voltage V	AC Power Supply Capacity A		kVA of Charger		Weight kg	8FB 10.14 15.18	8FBH 10.14 15.18	8FB 20.25	40-8FB 15 8FBH 20.25	40-8FB 20.25	8FB30 8FBJ35
				50Hz	60Hz	50Hz	60Hz							
48	330-400	C30L	200	30	20	7.3	6.5	50	●					
	450-565		200	30	30	9.2	8.1	55	●	●	●			
	600		200	40	40	12.0	11.0	65			●	▲		
	730-845		200	50	50	16.0	14.0	98				●	●	
	330-400	C30M	400	15	10	7.3	6.5	51	●					
	450-565		400	15	15	9.2	8.1	58	●	●	●			
	600		400	20	20	12.0	11.0	65			●	▲		
	730-845		400	30	30	16.0	14.0	98				●	●	
80	370-470	C30L	200	40	30	12.0	10.0	87						●
	370-470	C30M	400	20	15	12.0	10.0	87						●

INDEX: ● Available / ▲ Only available for 40-8FB15

NOTE: 1. The indicated input voltage means the available range of three-phase AC input voltages applied to the battery charger: 200V denotes the range of 200 to 230V and 400V the range of 340 to 460V, respectively.
 2. In AC power sources where there is appreciable variance between the rated and the measured line voltage values, be sure to measure actual input voltage to a battery charger and then order it with correct power requirements for operation. Usually re-charging is done at night when incoming voltage is relatively high without line voltage drops, and it is a good practice, therefore, to measure the line voltage at night.

On-Truck Type (Full Automatic Charger)

Battery Voltage V	Battery Capacity AH/5HR	Code	AC Input Voltage V	AC Power Supply Capacity A		kVA of Charger		8FB 10.14	8FB 15.18	8FBH 10.14 15.18	8FB20	8FB25	40-8FB 15 8FBH 20.25	40-8FB 20.25	8FB30 8FBJ35
				50Hz	60Hz	50Hz	60Hz								
48	330-450	C30E	200	20	20	4.6	4.3	●	●		●				
	485-565		200	30	30	6.3	6.1	●	●	●	●	●			
	600-845		200	30	30	8.0	7.7				●	●	●	●	
80	370-470		200	30	30	9.5	9.3								●

INDEX: ● Available

NOTE: The indicated input voltage means the available range of three-phase AC input voltages applied to the battery charger: 200V denotes the range of 200 to 230V.

TIRE AND TIRE CHAIN AVAILABILITY

(August 2016)

Model	Tire Arrangement		Pneumatic Tire					Tire Chain	
			Tire Size	Rim Size (Type)	Rib-Lug	U-Lug	J-Lug		
8FB10.14 8FBH10.14	Front	Single	6.00-9-10PR (I)	9x4.00E DT (Divided)	○		●	●	
				9x4.00E TB (Side-Ring)	●		●	●	
		Dual	6.50-10-12PR (I)	10x5.00F TB (Side-Ring)	●		●		
				12x3.50D DC (Drop-Center)		●		●	
	Rear	Dual	5.00-8-8PR (I)	9x4.00E TB (Side-Ring)	●		●		
				8x3.00 DT (Divided)	○		●		
8FB15 8FBH15	Front	Single	6.00-9-10PR (I)	9x4.00E DT (Divided)	○		●	●	
				9x4.00E TB (Side-Ring)	●		●	●	
				21x8-9-10PR (I)	9x6.00E TB (Side-Ring)	●		●	●
				6.50-10-12PR (I)	10x5.00F TB (Side-Ring)	●		●	
		Dual	4.50-12-8PR (I)	12x3.50D DC (Drop-Center)		●		●	
				6.00-9-10PR (I)	9x4.00E TB (Side-Ring)	●		●	
	Rear	Dual	5.00-8-8PR (I)	8x3.00 DT (Divided)	○		●		
				8x3.00 TB (Side-Ring)	●		●		
8FB18 8FBH18	Front	Single	21x8-9-10PR (I)	9x6.00E TB (Side-Ring)	○		●	●	
				10x5.00F TB (Side-Ring)	●		●		
		Dual	4.50-12-8PR (I)	12x3.50D DC (Drop-Center)		●		●	
				6.00-9-10PR (I)	9x4.00E TB (Side-Ring)	●		●	
	Rear	Dual	5.00-8-10PR (I)	8x3.00 TB (Side-Ring)	○		●		
40-8FB15 8FB20 8FBH20	Front	Single	21x8-9-14PR (I)	9x6.00E TB (Side-Ring)			○	●	
				10x6.50F TB (Side-Ring)					
		Dual	6.00-9-10PR (I)	9x4.00E TB (Side-Ring)			●		
				8x4.25DT (Divided)			○		
	Rear	Dual	18x7-8-14PR (I)	8x4.33R TB (Side-Ring)			●		
8FB25 8FBH25	Front	Single	21x8-9-14PR (I)	9x6.00E TB (Side-Ring)			○	●	
				10x6.50F TB (Side-Ring)			●		
		Dual	6.00-9-10PR (I)	9x4.00E TB (Side-Ring)			●		
				8x4.33R TB (Side-Ring)			○		
	Rear	Dual	18x7-8-14PR (I)	8x4.33R TB (Side-Ring)			○		
40-8FB20.25	Front	Single	7.00-12-12PR (I)	12x5.00S DT (Divided)	○		●		
				12x5.00S TB (Side-Ring)	●		●		
		Dual	5.50-15-8PR (I)	15x4.50E SDC (Side-Ring)		●	●		
				7.00-12-12PR (I)	12x5.00S TB (Side-Ring)	●		●	
	Rear	Dual	6.00-9-10PR (I)	9x4.00E DT (Divided)	○		●		
				9x4.00E TB (Side-Ring)	●		●		
8FB30	Front	Single	28x9-15-14PR (I)	15x7.00T IR (Side-Ring)	○		●	●	
				15x4.50E SDC (Side-Ring)			●	●	
		Dual	6.00-15-10PR (I)	15x6.00S IR (Side-Ring)			●	●	
				10x5.00F DT (Divided)	○	●	●		
	Rear	Dual	6.50-10-10PR (I)	10x5.00F TB (Side-Ring)	●	●	●		
8FBJ35	Front	Single	28x9-15-14PR (I)	15x7.00T IR (Side-Ring)	○		●	●	
				15x4.50E SDC (Side-Ring)			●	●	
		Dual	6.00-15-10PR (I)	15x6.00S IR (Side-Ring)			●	●	
				28x8-15-12PR (I)	15x6.00S IR (Side-Ring)			●	●
	Rear	Dual	6.50-10-14PR (I)	10x5.00F TB (Side-Ring)	○		●		

INDEX: ○ Standard / ● Available

TIRE AND TIRE CHAIN AVAILABILITY

(August 2016)

Model	Tire Arrangement		Pneumatic-Shaped Cushion Tire						Tire Chain
			Tire Size	Rim Size (Type)	U-Lug	J-Lug	Soft	White U-Lug	
8FB10.14 8FBH10.14	Front	Single	6.00-9	9x4.00E DT (Divided)	●	●	●	●	●
				9x4.00E TB (Side-Ring)	●		●		●
		Dual	6.50-10	10x5.00F TB (Side-Ring)	●				
			4.50-12	12x3.00D SDC (Side-Ring)	●				●
	Rear	Dual	6.00-9	9x4.00E TB (Side-Ring)	●				
			5.00-8	8x3.00D DT (Divided)	●	●	●	●	
8FB15 8FBH15	Front	Single	6.00-9	9x4.00E DT (Divided)	●	●	●	●	●
				9x4.00E TB (Side-Ring)	●		●		●
		Dual	21x8-9	9x6.00E TB (Side-Ring)	●	●	●	●	●
			6.50-10	10x5.00F TB (Side-Ring)	●				
	Rear	Dual	4.50-12	12x3.00D SDC (Side-Ring)	●				●
			6.00-9	9x4.00E TB (Side-Ring)	●				
8FB18 8FBH18	Front	Single	21x8-9	9x6.00E TB (Side-Ring)	●	●	●	●	●
				6.50-10	10x5.00F TB (Side-Ring)	●			
		Dual	4.50-12	12x3.00D SDC (Side-Ring)	●				
			6.00-9	9x4.00E TB (Side-Ring)	●				
	Rear	Dual	5.00-8	8x3.00D TB (Side-Ring)	●	●	●	●	
				8x3.00D TB (Side-Ring)	●	●	●	●	
40-8FB15 8FB20 8FBH20	Front	Single	21x8-9	9x6.00E TB (Side-Ring)	●	●	●	●	●
				23x9-10	10x6.50F TB (Side-Ring)	●	●		
		Dual	6.00-9	9x4.00E TB (Side-Ring)	●				
			18x7-8	8x4.25DT (Divided)	●	●	●	●	
	Rear	Dual		8x4.33R TB (Side-Ring)	●	●	●	●	
				8x4.33R TB (Side-Ring)	●	●	●	●	
8FB25 8FBH25	Front	Single	21x8-9	9x6.00E TB (Side-Ring)	●	●	●	●	●
				23x9-10	10x6.50F TB (Side-Ring)	●	●		
		Dual	6.00-9	9x4.00E TB (Side-Ring)	●				
			18x7-8	8x4.33R TB (Side-Ring)	●	●	●	●	
	40-8FB20.25	Front	Single	7.00-12	12x5.00S DT (Divided)	●	●		
					12x5.00S TB (Side-Ring)	●			
Dual		7.00-12	12x5.00S TB (Side-Ring)	●					
		6.00-9	9x4.00E DT (Side-Ring)	●	●				
8FB30	Front	Single	28x9-15	15x7.00T IR (Side-Ring)	●	●	●	●	●
				6.00-15	15x4.50E SDC (Side-Ring)	●			
		Dual	7.00-15	15x6.00S IR (Side-Ring)		●			●
			6.50-10	10x5.00F DT (Divided)	●	●	●	●	
	Rear	Dual		10x5.00F TB (Side-Ring)	●	●	●	●	
				10x5.00F TB (Side-Ring)	●	●	●	●	
8FBJ35	Front	Single	28x9-15	15x7.00T IR (Side-Ring)	●	●	●	●	●
				6.00-15	15x4.50E SDC (Side-Ring)	●			
		Dual	7.00-15	15x6.00S IR (Side-Ring)		●			●
			6.50-10	10x5.00F TB (Side-Ring)	●	●	●	●	
	Rear	Dual		10x5.00F TB (Side-Ring)	●	●	●	●	
				10x5.00F TB (Side-Ring)	●	●	●	●	

INDEX: ● Available

[illegible]

INDEX: X Not available.

1. When B30E/F/G is selected, B30H is equipped as a standard.
2. Not available to select all four options from the following at the same time; J19A/E/S/U, J26A/C, J44C and L37A.
3. When B30E/F/G/H is selected, K11A, K14A, M09A and M33A are equipped as a standard.
4. When A20T is selected, K36B is equipped as a standard.
5. When K36B is selected, G43C is equipped as a standard.
6. When M00F is selected, M09A is equipped as a standard.

7. When M00B/M00D is selected, M41B is equipped as a standard.
 8. Q15A/B/D cannot be selected together with M00B2500 and M00B2700.
 9. Q15D cannot be selected together with D360, D604 and D605 for selecting M00B2500 or M00B2700.
 10. When A20T is selected, M33A is equipped as a standard.
 11. Not available for 8FB/8FBH10,14,15,18 and 40-8FB15.
- NOTE: For other matching, please consult us.

SPECIFICATIONS OF BATTERY AND BATTERY CASE (August 2016)

The "minimum weight of battery with case" indicated in the table is the lightest weight of the battery required to satisfy stability requirements of the vehicle.

Specifications (GS YUASA)

Model			8FB10			8FBH10	8FB14			8FBH14	
Vehicle Weight without Battery		kg	1940			2005	2030			2075	
Minimum Weight of Battery with Case		kg	535 [735]			780	535 [735]			780	
Battery Connector Type			SB350			SB350	SB350			SB350	
Minimum Connector Length *		mm	350			350	350			350	
Truck Voltage		V	48			48	48			48	
Number of Cells		pcs	24			24	24			24	
Ampere-Hour Capacity		AH/HR	330/5	400/5	485/5	545/5	330/5	400/5	485/5	545/5	
Specs. of Cell	Overall Dimensions	Total Height	mm	426	426	441	521	426	426	441	521
		Container Height	mm	395	395	410	490	395	395	410	490
		Length	mm	144	144	144	144	144	144	144	144
		Width	mm	158	158	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	20.0	24.0	27.5	30.5	20.0	24.0	27.5	30.5
	Quantity of Electrolyte		Approx. liter	5.5	4.8	5.1	4.8	5.5	4.8	5.1	4.8
Weight	Case	kg	90	90	90	105	90	90	90	105	
	Total (Battery)	kg	580	680	760	845	580	680	760	845	
Operating Time			3h50m	4h55m	6h15m	7h05m	3h45m	4h50m	6h05m	6h55m	

NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Specifications (HITACHI)

Model			8FB10			8FBH10	8FB14			8FBH14	
Vehicle Weight without Battery		kg	1940			2005	2030			2075	
Minimum Weight of Battery with Case		kg	535 [735]			780	535 [735]			780	
Battery Connector Type			SB350			SB350	SB350			SB350	
Minimum Connector Length *		mm	350			350	350			350	
Truck Voltage		V	48			48	48			48	
Number of Cells		pcs	24			24	24			24	
Ampere-Hour Capacity		AH/HR	330/5	400/5	485/5	545/5	330/5	400/5	485/5	545/5	
Specs. of Cell	Overall Dimensions	Total Height	mm	427	427	442	522	427	427	442	522
		Container Height	mm	395	395	410	490	395	395	410	490
		Length	mm	144	144	144	144	144	144	144	144
		Width	mm	158	158	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	22.2	24.0	26.0	31.9	22.2	24.0	26.0	31.9
	Quantity of Electrolyte		Approx. liter	5.5	5.2	5.1	5.9	5.5	5.2	5.1	5.9
Weight	Case	kg	90	90	90	105	90	90	90	105	
	Total (Battery)	kg	635	680	725	880	635	680	725	880	
Operating Time			3h50m	4h55m	6h15m	7h05m	3h45m	4h50m	6h05m	6h55m	

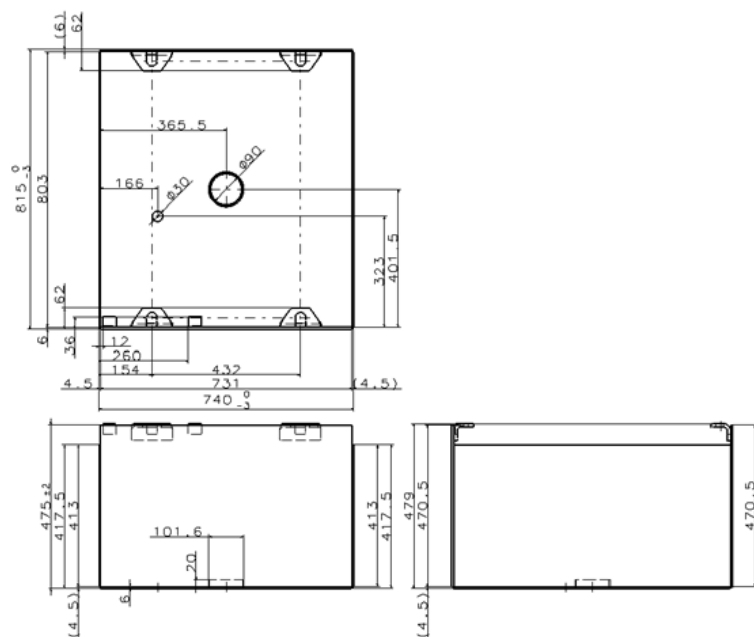
NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Unit: mm

8FB10.14

BATTERY CAPACITY :

330AH/5HR, 48V
400AH/5HR, 48V
485AH/5HR, 48V



Model		8FB10.14
Minimum Battery Weight (with Case)	kg	535
Maximum Battery Weight (with Case)	kg	800

Dimensions of Battery Compartment

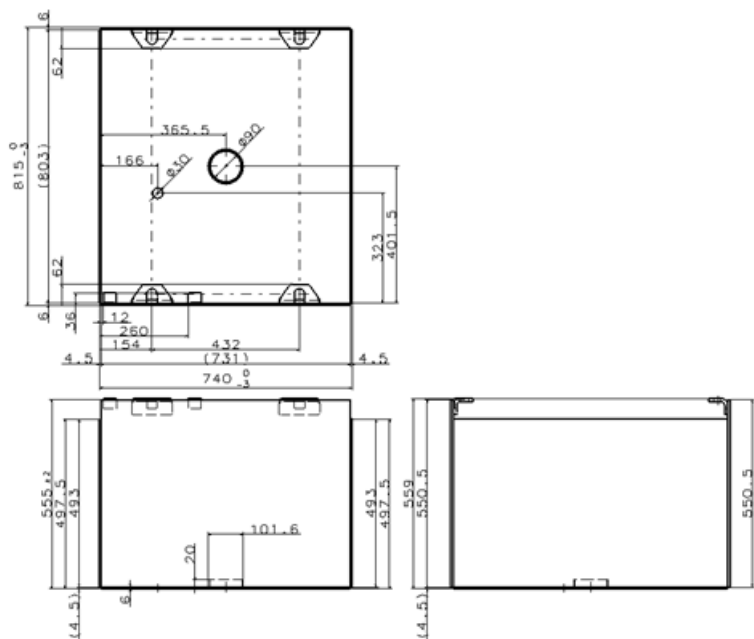
Model		8FB10.14
Width	mm	821
Length	mm	747
Height	mm	460 [540]

NOTE: [] for Battery Side-out [G25B].

8FBH10.14

BATTERY CAPACITY :

545AH/5HR, 48V



Model		8FBH10.14
Minimum Battery Weight (with Case)	kg	780
Maximum Battery Weight (with Case)	kg	940

Dimensions of Battery Compartment

Model		8FBH10.14
Width	mm	821
Length	mm	747
Height	mm	540

SPECIFICATIONS OF BATTERY AND BATTERY CASE (August 2016)

The "minimum weight of battery with case" indicated in the table is the lightest weight of the battery required to satisfy stability requirements of the vehicle.

Specifications (GS YUASA)

Model			8FB15		8FBH15	8FB18		8FBH18	
Vehicle Weight without Battery		kg	2060		2155	2310		2355	
Minimum Weight of Battery with Case		kg	635 [735]		780	635 [735]		780	
Battery Connector Type			SB350		SB350	SB350		SB350	
Minimum Connector Length *		mm	350		350	350		350	
Truck Voltage		V	48		48	48		48	
Number of Cells		pcs	24		24	24		24	
Ampere-Hour Capacity		AH/HR	400/5	485/5	545/5	400/5	485/5	545/5	
Specs. of Cell	Overall Dimensions	Total Height	mm	426	441	521	426	441	521
		Container Height	mm	395	409	490	395	409	490
		Length	mm	144	144	144	144	144	144
		Width	mm	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	24.0	27.5	30.5	24.0	27.5	30.5
	Quantity of Electrolyte		Approx. liter	4.8	5.1	4.8	4.8	5.1	4.8
Weight	Case	kg	90	90	105	90	90	105	
	Total (Battery)	kg	680	760	845	680	760	845	
Operating Time			4h45m	5h50m	6h35m	4h25m	5h35m	6h25m	

NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Specifications (HITACHI)

Model			8FB15		8FBH15	8FB18		8FBH18	
Vehicle Weight without Battery		kg	2060		2155	2310		2355	
Minimum Weight of Battery with Case		kg	635 [735]		780	635 [735]		780	
Battery Connector Type			SB350		SB350	SB350		SB350	
Minimum Connector Length *		mm	350		350	350		350	
Truck Voltage		V	48		48	48		48	
Number of Cells		pcs	24		24	24		24	
Ampere-Hour Capacity		AH/HR	400/5	485/5	545/5	400/5	485/5	545/5	
Specs. of Cell	Overall Dimensions	Total Height	mm	427	442	522	427	442	522
		Container Height	mm	395	410	490	395	410	490
		Length	mm	144	144	144	144	144	144
		Width	mm	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	24.0	26.0	31.9	24.0	26.0	31.9
	Quantity of Electrolyte		Approx. liter	5.2	5.1	5.9	5.2	5.1	5.9
Weight	Case	kg	90	90	105	90	90	105	
	Total (Battery)	kg	680	725	880	680	725	880	
Operating Time			4h45m	5h50m	6h35m	4h25m	5h35m	6h25m	

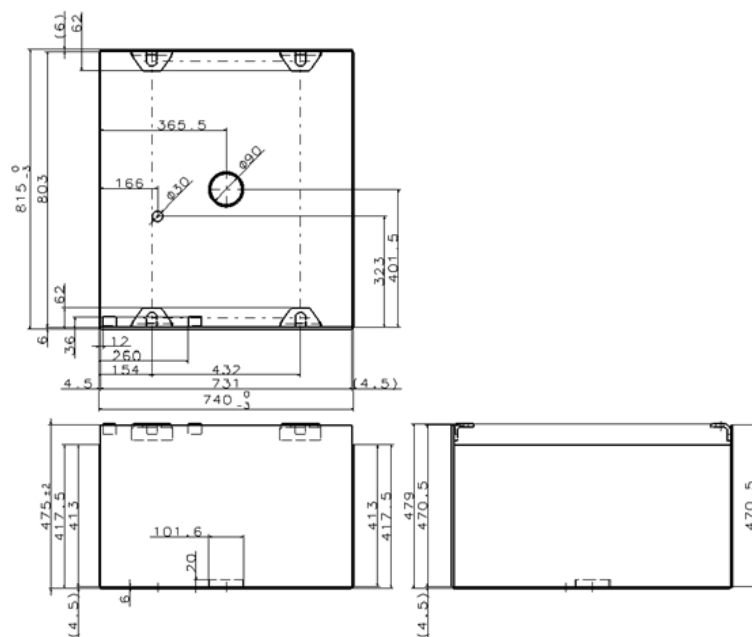
NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Unit: mm

8FB15.18

BATTERY CAPACITY :

400AH/5HR, 48V
485AH/5HR, 48V



Model		8FB15.18
Minimum Battery Weight (with Case)	kg	635
Maximum Battery Weight (with Case)	kg	800

Dimensions of Battery Compartment

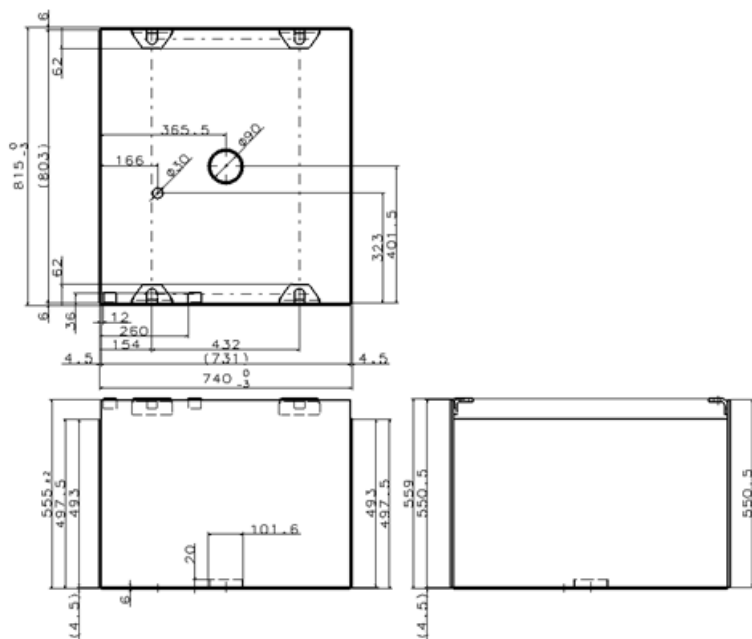
Model		8FB15.18
Width	mm	821
Length	mm	747
Height	mm	460 [540]

NOTE: [] for Battery Side-out [G25B].

8FBH15.18

BATTERY CAPACITY :

545AH/5HR, 48V



Model		8FBH15.18
Minimum Battery Weight (with Case)	kg	780
Maximum Battery Weight (with Case)	kg	940

Dimensions of Battery Compartment

Model		8FBH15.18
Width	mm	821
Length	mm	747
Height	mm	540

SPECIFICATIONS OF BATTERY AND BATTERY CASE

(August 2016)

The "minimum weight of battery with case" indicated in the table is the lightest weight of the battery required to satisfy stability requirements of the vehicle.

Specifications (GS YUASA)

Model			8FB20			8FBH20	8FB25		8FBH25
Vehicle Weight without Battery		kg	2570			2590	2960		2960
Minimum Weight of Battery with Case		kg	730 [905]			1045	820 [905]		1045
Battery Connector Type			SB350			SB350	SB350		SB350
Minimum Connector Length *		mm	350			350	350		350
Truck Voltage		V	48			48	48		48
Number of Cells		pcs	24			24	24		24
Ampere-Hour Capacity		AH/HR	450/5	565/5	600/5	730/5	565/5	600/5	730/5
Specs. of Cell	Overall Dimensions	Total Height	mm	426	441	441	521	441	521
		Container Height	mm	395	410	410	490	410	490
		Length	mm	161	177	177	177	177	177
		Width	mm	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	26.5	32.0	33.5	42.0	32.0	33.5
	Quantity of Electrolyte		Approx. liter	5.4	6.6	6.5	7.6	6.6	6.5
Weight	Case		kg	105	105	105	140	105	140
	Total (Battery)		kg	750	885	920	1160	885	920
Operating Time			4h15m	5h35m	6h00m	7h35m	5h00m	5h25m	6h50m

NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Specifications (HITACHI)

Model			8FB20			8FBH20	8FB25		8FBH25
Vehicle Weight without Battery		kg	2570			2590	2960		2960
Minimum Weight of Battery with Case		kg	730 [905]			1045	820 [905]		1045
Battery Connector Type			SB350			SB350	SB350		SB350
Minimum Connector Length *		mm	350			350	350		350
Truck Voltage		V	48			48	48		48
Number of Cells		pcs	24			24	24		24
Ampere-Hour Capacity		AH/HR	450/5	565/5	600/5	730/5	565/5	600/5	730/5
Specs. of Cell	Overall Dimensions	Total Height	mm	427	442	442	522	442	522
		Container Height	mm	395	410	410	490	410	490
		Length	mm	161	177	177	177	177	177
		Width	mm	158	158	158	158	158	158
	Weight of Filled Cell		Approx. kg	26.9	30.5	32.2	39.5	30.5	32.2
	Quantity of Electrolyte		Approx. liter	5.7	6.6	6.3	7.3	6.6	6.3
Weight	Case		kg	105	105	105	140	105	140
	Total (Battery)		kg	760	850	890	1100	850	890
Operating Time			4h15m	5h35m	6h00m	7h35m	5h00m	5h25m	6h50m

NOTE: * The distance from case to the tip of the connector.
[] for Battery Side-out [G25B].

Dimensions of Battery Case

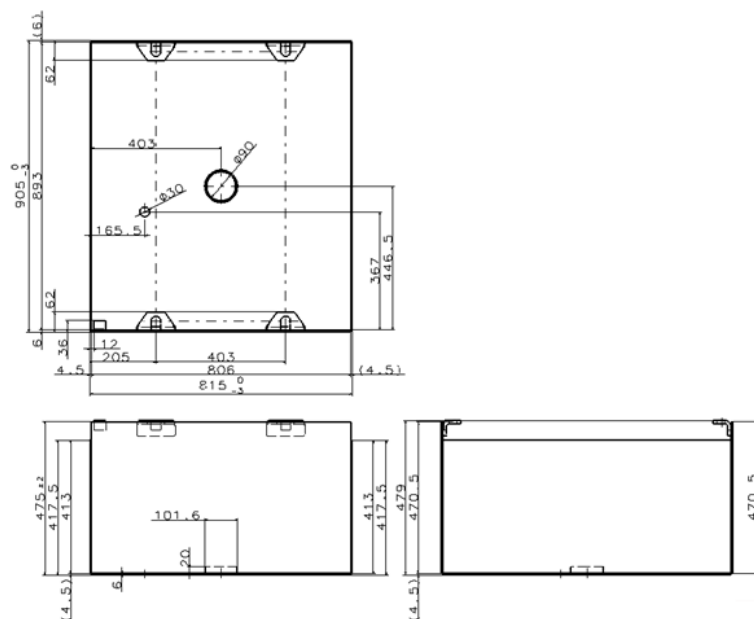
(August 2016)

Unit: mm

8FB20.25

BATTERY CAPACITY :

450AH/5HR, 48V
565AH/5HR, 48V
600AH/5HR, 48V



Model		8FB20	8FB25
Minimum Battery Weight (with Case)	kg	730	820
Maximum Battery Weight (with Case)	kg	965	965

Dimensions of Battery Compartment

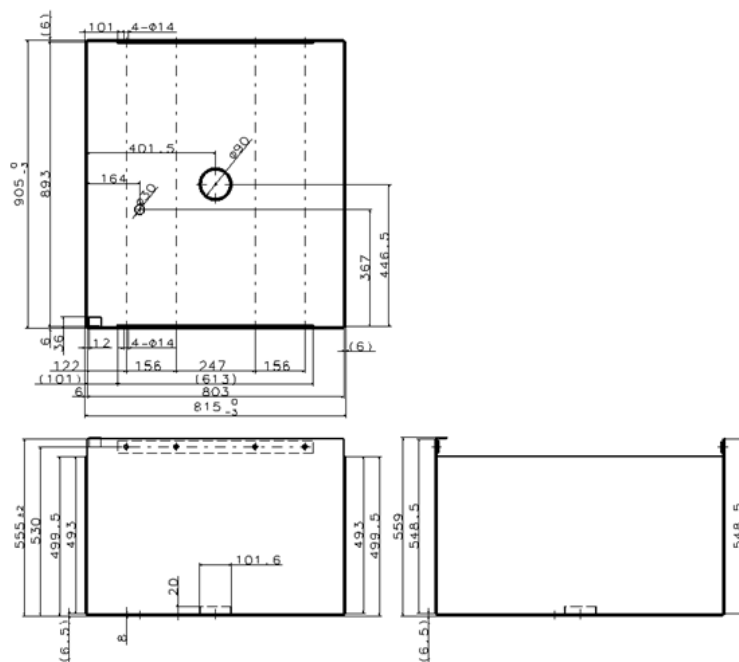
Model		8FB20.25
Width	mm	911
Length	mm	822
Height	mm	460 [540]

NOTE: [] for Battery Side-out [G25B].

8FBH20.25

BATTERY CAPACITY :

730AH/5HR, 48V



Model		8FBH20.25
Minimum Battery Weight (with Case)	kg	1045
Maximum Battery Weight (with Case)	kg	1215

Dimensions of Battery Compartment

Model		8FBH20.25
Width	mm	911
Length	mm	822
Height	mm	540

SPECIFICATIONS OF BATTERY AND BATTERY CASE (August 2016)

The "minimum weight of battery with case" indicated in the table is the lightest weight of the battery required to satisfy stability requirements of the vehicle.

Specifications (GS YUASA)

Model			40-8FB15	40-8FB20	40-8FB25
Vehicle Weight without Battery		kg	2465	2890	3000
Minimum Weight of Battery with Case		kg	855	1155	1155
Battery Connector Type			SB350	SB350	SB350
Minimum Connector Length *		mm	350	350	350
Truck Voltage		V	48	48	48
Number of Cells		pcs	24	24	24
Ampere-Hour Capacity		AH/HR	600/5	730/5	845/5
Specs. of Cell	Overall Dimensions	Total Height	mm	441	521
		Container Height	mm	410	490
		Length	mm	177	177
		Width	mm	158	158
	Weight of Filled Cell		Approx. kg	33.5	42.0
	Quantity of Electrolyte		Approx. liter	6.5	7.6
Weight	Case		kg	140	140
	Total (Battery)		kg	955	1160
Operating Time			6h35m	7h55m	8h40m

NOTE: * The distance from case to the tip of the connector.

Specifications (HITACHI)

Model			40-8FB15	40-8FB20	40-8FB25
Vehicle Weight without Battery		kg	2465	2890	3000
Minimum Weight of Battery with Case		kg	855	1155	1155
Battery Connector Type			SB350	SB350	SB350
Minimum Connector Length *		mm	350	350	350
Truck Voltage		V	48	48	48
Number of Cells		pcs	24	24	24
Ampere-Hour Capacity		AH/HR	600/5	730/5	845/5
Specs. of Cell	Overall Dimensions	Total Height	mm	442	522
		Container Height	mm	410	490
		Length	mm	177	177
		Width	mm	158	158
	Weight of Filled Cell		Approx. kg	32.2	39.5
	Quantity of Electrolyte		Approx. liter	6.3	7.3
Weight	Case		kg	140	140
	Total (Battery)		kg	925	1100
Operating Time			6h35m	7h55m	8h40m

NOTE: * The distance from case to the tip of the connector.

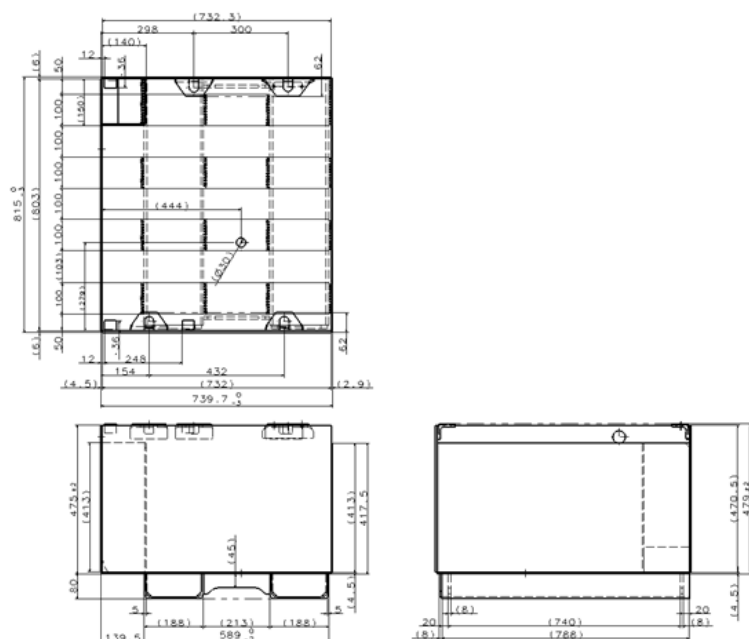
Dimensions of Battery Compartment

Model		40-8FB20.25
Width	mm	954
Length	mm	822
Height	mm	570

Dimensions of Battery Case (Side-out Type) (August 2016)

8FB10.14.15.18

BATTERY CAPACITY : 485AH/5HR, 48V



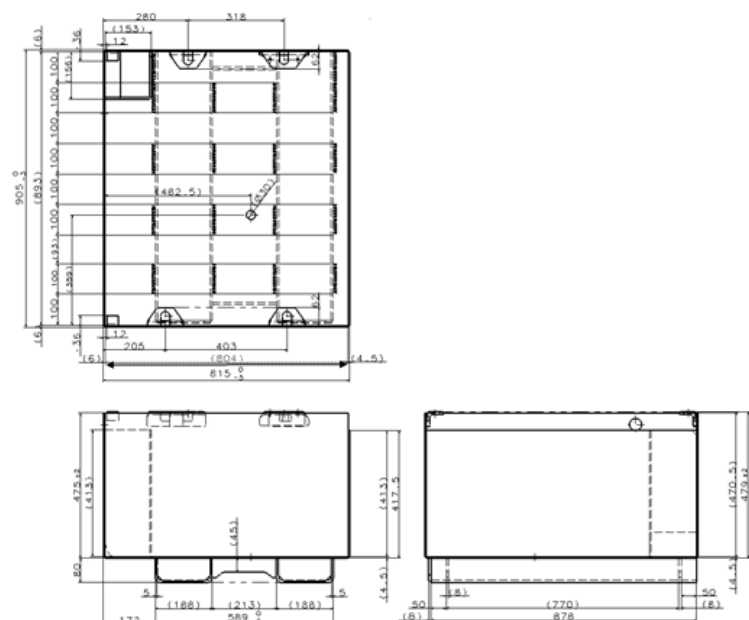
Model		8FB10.14.15.18
Minimum Battery Weight (with Case)	kg	735
Maximum Battery Weight (with Case)	kg	840

Dimensions of Battery Compartment

Model		8FB10.14.15.18
Width	mm	821
Length	mm	747
Height	mm	540

8FB20.25

BATTERY CAPACITY : 600AH/5HR, 48V



Model		8FB20.25
Minimum Battery Weight (with Case)	kg	905
Maximum Battery Weight (with Case)	kg	1025

Dimensions of Battery Compartment

Model		8FB20.25
Width	mm	911
Length	mm	822
Height	mm	540

SPECIFICATIONS OF BATTERY AND BATTERY CASE (August 2016)

The "minimum weight of battery with case" indicated in the table is the lightest weight of the battery required to satisfy stability requirements of the vehicle.

Specifications (GS YUASA)

Model			8FB30		8FBJ35	
Vehicle Weight without Battery		kg	3690		4290	
Minimum Weight of Battery with Case		kg	920		920	
Battery Connector Type			SBX350		SBX350	
Minimum Connector Length *		mm	350		350	
Truck Voltage		V	80		80	
Number of Cells		pcs	40		40	
Ampere-Hour Capacity		AH/HR	370/5	470/5	370/5	470/5
Specs. of Cell	Overall Dimensions	Total Height	mm	550	550	550
		Container Height	mm	519	519	519
		Length	mm	90	109	90
		Width	mm	158	158	158
	Weight of Filled Cell		Approx. kg	21.0	27.5	21.0
	Quantity of Electrolyte		Approx. liter	4.1	5.0	4.1
Weight	Case		kg	165	165	165
	Total (Battery)		kg	1020	1280	1020
Operating Time			5h25m	7h10m	5h00m	6h35m

NOTE: * The distance from case to the tip of the connector.

Specifications (HITACHI)

Model			8FB30		8FBJ35	
Vehicle Weight without Battery		kg	3690		4290	
Minimum Weight of Battery with Case		kg	920		920	
Battery Connector Type			SBX350		SBX350	
Minimum Connector Length *		mm	350		350	
Truck Voltage		V	80		80	
Number of Cells		pcs	40		40	
Ampere-Hour Capacity		AH/HR	370/5	470/5	370/5	470/5
Specs. of Cell	Overall Dimensions	Total Height	mm	550	550	550
		Container Height	mm	519	519	519
		Length	mm	90	109	90
		Width	mm	158	158	158
	Weight of Filled Cell		Approx. kg	21.3	25.8	21.3
	Quantity of Electrolyte		Approx. liter	4.0	4.7	4.0
Weight	Case		kg	165	165	165
	Total (Battery)		kg	1030	1210	1030
Operating Time			5h25m	7h10m	5h00m	6h35m

NOTE: * The distance from case to the tip of the connector.

Dimensions of Battery Case

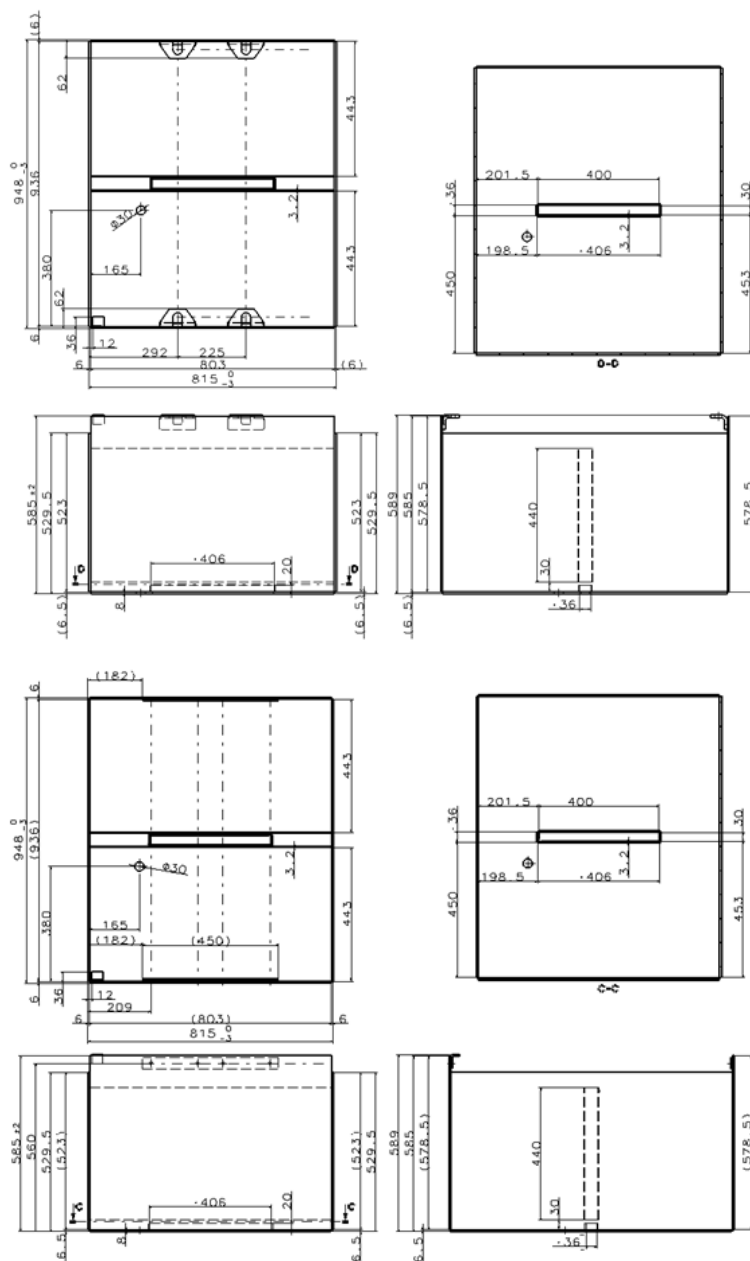
(August 2016)

Unit: mm

8FB30,8FBJ35

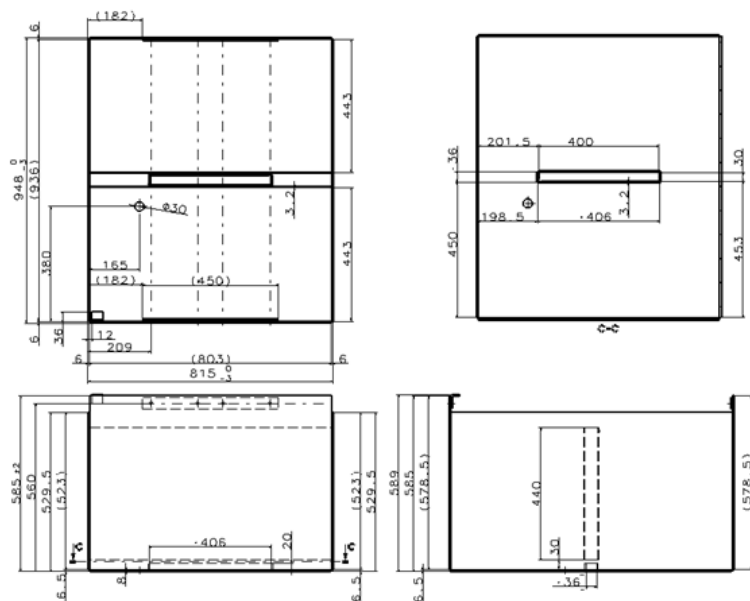
BATTERY CAPACITY :

370AH/5HR, 80V



BATTERY CAPACITY :

470AH/5HR, 80V



Model		8FB30,8FBJ35
Minimum Battery Weight (with Case)	kg	920
Maximum Battery Weight (with Case)	kg	1345

Dimensions of Battery Compartment

Model		8FB30,8FBJ35
Width	mm	954
Length	mm	822
Height	mm	570