

Engine powered forklift 1.5 - 3.5 ton

TONERO^{HST}



Engine powered forklift 3.0 - 3.5 ton

Truck specifications				06-8FG30F	56-8FD30F	06-8FGJ35F	56-8FDJ35F	
Identification	1.1	Manufacturer		TOYOTA	TOYOTA	TOYOTA	TOYOTA	
	1.2	Model		06-8FG30F	56-8FD30F	06-8FGJ35F	56-8FDJ35F	
	1.3	Drive		LPG	Diesel	LPG	Diesel	
	1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated	
	1.5	Load capacity/rated load	Q	kg	3000	3000	3500	3500
	1.6	Load centre	c	mm	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	485	485	495	495
	1.9	Wheelbase	y	mm	1700	1700	1700	1700
	Weight	2.1	Service weight		kg	4210	4250	4820
2.2		Axle load, with load, front/rear		kg	6230/980	6260/990	7250/1070	7260/1100
2.3		Axle load, without load, front/rear		kg	1490/2720	1530/2720	1690/3130	1710/3150
Tyres	3.1	Tyre - pneumatic (P), pneumatic shaped cushion (SE), solid rubber (R)			SE	SE	SE	SE
	3.2	Tyre size, front			28x9-15	28x9-15	250-15	250-15
	3.3	Tyre size, rear			6.50-10	6.50-10	6.50-10	6.00-10
	3.5	Wheels, number front/rear (x=driven wheels)			2x/2	2x/2	2x/2	2x/2
	3.6	Track width, front	b ₁₀	mm	1010/1240	1010/1240	1060/1290	1060/1290
	3.7	Track width, rear	b ₁₁	mm	965	965	965	965
	Dimensions	4.1	Tilt of mast/fork carriage forward/backward	α/β	deg	6/11	6/11	6/11
4.2		Height, mast lowered	h ₁	mm	2010	2010	2115	2115
4.3		Free lift	h ₂	mm	135	135	135	135
4.4		Lift	h ₃	mm	2955	2955	2955	2955
		Lift height	h ₂₃	mm	3000	3000	3000	3000
4.5		Height, mast extended	h ₄	mm	4260	4260	4260	4260
4.7		Height of overhead guard (cab)	h ₆	mm	2220	2220	2230	2230
4.8		Seat height	h ₇	mm	1160	1160	1170	1170
4.12		Coupling height	h ₁₀	mm	335	335	335	335
4.19		Overall length	l ₁	mm	3780	3780	3850	3850
4.20		Length to face of forks	l ₂	mm	2780	2780	2850	2850
4.21		Overall width	b ₁	mm	1240	1240	1290	1290
4.22		Fork dimensions	s/e/l	mm	45/100/1000	45/100/1000	45/125/1000	45/125/1000
4.23		Fork carriage DIN 15 173, class/type A, B			IIIA	IIIA	IIIA	IIIA
4.24		Fork-carriage width	b ₃	mm	1070	1070	1070	1070
4.31		Ground clearance, with load, below mast	m ₁	mm	110	110	130	130
4.32		Ground clearance, centre of wheelbase	m ₂	mm	180	180	190	190
4.33		Aisle width for pallets 1000 x 1200 crossways	A _{st}	mm	4115	4115	4185	4185
4.34	Aisle width for pallets 800 x 1200 lengthways	A _{st}	mm	4315	4315	4385	4385	
4.35	Turning radius	W _a	mm	2430	2430	2490	2490	
4.36	Internal turning radius	b ₁₃	mm	720	720	745	745	
Performance data	5.1	Travel speed, with/without load		km/h	19,5/19,5	19,5/19,5	20/20	20/20
	5.2	Lift speed, with/without load		m/s	0,51/0,55	0,50/0,53	0,43/0,45	0,42/0,45
	5.3	Lowering speed, with/without load		m/s	<0,50	<0,50	<0,50	<0,50
	5.6	Max. drawbar pull, with/without load		N	17000/10300	17000/10400	16500/10500	16500/10600
	5.7	Gradeability, with load/ without load ¹⁾		%	21/20	21/20	17/17	17/17
	5.10	Service brake			Hydraulic	Hydraulic	Hydraulic	Hydraulic
Combustion engine	7.1	Engine manufacturer/type			Toyota 4Y-ECS (V)	Toyota 1ZS (V)	Toyota 4Y-ECS (V)	Toyota 1ZS (V)
	7.2	Engine power acc. to ISO 1585		kW	42	41	42	41
	7.3	Rated speed		1/min	2400	2200	2400	2200
	7.4	No. of cylinders/displacement		cm ³	4/2237	3/1795	4/2237	3/1795
	7.5a	Fuel consumption according to EN16796		kg/h	3,4	—	3,7	—
	7.5b	Fuel consumption according to EN16796		l/h	—	3,3	—	3,6
	Others	8.2	Operating pressure for attachments		bar	147	147	147
8.3		Oil volume for attachments		l/min	65-74	65-75	65-74	65-80
8.4		Sound level at the driver's ear according to EN 12 053		dB(A)	77	77	77	77

¹⁾ Computed values.

Performance data and dimensions are nominal and subject to tolerances.

Specifications are subject to change without notice.

Please obtain the latest specifications before contracting products.

Mast dimensions and rated capacities

Model			V								FV					FSV						FSW								
8FG/FDJ30F	Lift height	h_{23}	3000	3300	3500	3700	4000	4500	5000	5500	6000	3000	3300	3500	3700	4000	4300	4700	5000	5500	6000	6500	7000	4500	4700	5000	5600	6000	6500	—
	Lift	h_3	2955	3255	3455	3655	3955	4455	4955	5455	5955	2955	3255	3455	3655	3955	4255	4655	4955	5455	5955	6455	6955	4470	4670	4970	5570	5970	6470	—
	Height, mast lowered	h_1	2010	2160	2260	2420	2610	2860	3110	3360	3650	2010	2160	2260	2420	2610	2160	2260	2420	2610	2860	3110	3360	2160	2230	2330	2530	2680	2880	—
	Height, mast extended ¹⁾	h_4	3765	4065	4265	4465	4765	5265	5765	6265	6765	3650	3950	4150	4350	4650	4950	5350	5650	6150	6650	7150	7650	5150	5350	5650	6250	6650	7150	—
	Height, mast extended ²⁾	h_4	4260	4560	4760	4960	5260	5760	6260	6760	7260	4250	4550	4750	4950	5250	5550	5950	6250	6750	7250	7750	8250	—	—	—	—	—	—	—
	Free lift, without load backrest	h_2	135	135	135	135	135	135	135	135	135	1400	1550	1650	1810	2000	1550	1650	1810	2000	2250	2500	2750	1480	1550	1650	1850	2000	2200	—
	Free lift, with load backrest ²⁾	h_2	135	135	135	135	135	135	135	135	135	800	950	1050	1210	1400	950	1050	1210	1400	1650	1900	2150	1042	1112	1212	1412	1562	1762	—
8FG/FDJ35F	Lift height	h_{23}	3000	3300	3500	3700	4000	4500	5000	5500	6000	3000	3300	3500	3700	4000	4300	4700	5000	5500	6000	6500	7000	4300	4500	4700	5000	5600	6000	6500
	Lift	h_3	2955	3255	3455	3655	3955	4455	4955	5455	5955	2955	3255	3455	3655	3955	4255	4655	4955	5455	5955	6455	6955	4270	4470	4670	4970	5570	5970	6470
	Height, mast lowered	h_1	2115	2295	2395	2495	2745	2995	3245	3545	3795	2115	2295	2395	2495	2745	2230	2435	2625	2875	3125	3375	3625	2225	2275	2345	2445	2645	2765	2995
	Height, mast extended ¹⁾	h_4	3910	4210	4410	4610	4910	5410	5910	6410	6910	3765	4065	4265	4465	4765	5065	5465	5765	6265	6765	7265	7765	5000	5150	5350	5650	6250	6650	7150
	Height, mast extended ²⁾	h_4	4260	4560	4760	4960	5260	5760	6260	6760	7260	4250	4550	4750	4950	5250	5550	5950	6250	6750	7250	7750	8250	—	—	—	—	—	—	—
	Free lift, without load backrest	h_2	135	135	135	135	135	135	135	135	135	1390	1570	1670	1770	2020	1500	1710	1900	2150	2400	2650	2900	1545	1595	1665	1765	1965	2115	2315
	Free lift, with load backrest ²⁾	h_2	135	135	135	135	135	135	135	135	135	905	1085	1185	1285	1535	1015	1225	1415	1665	1915	2165	2415	1107	1157	1227	1327	1527	1647	1877

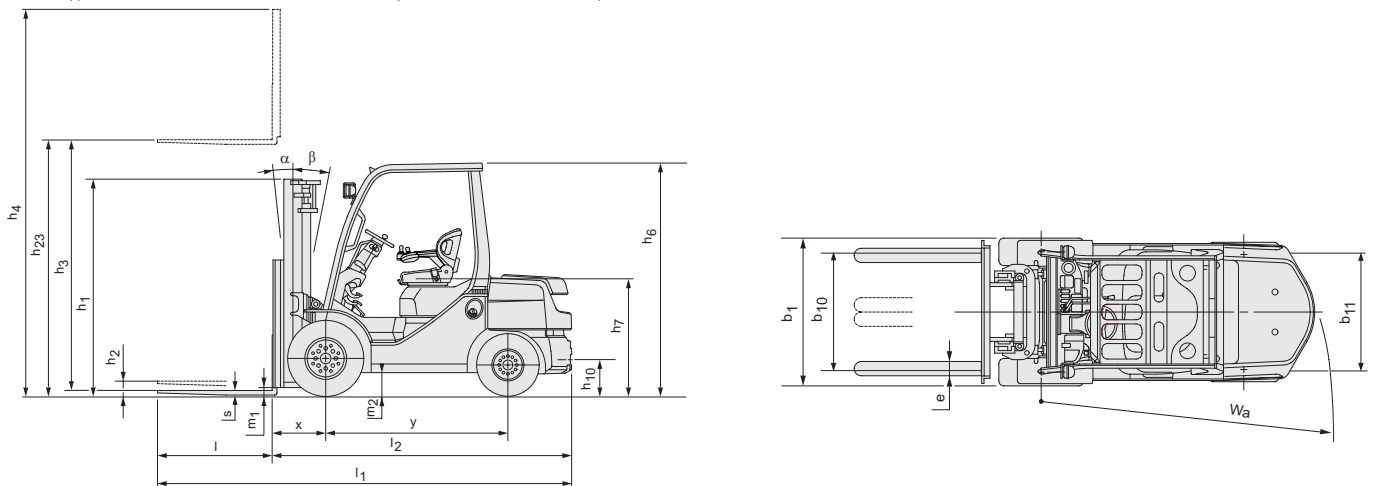
1) Without load backrest

2) With load backrest. Load backrest height V-FV-FSV mast : 1220mm. Load backrest height FSW mast : 1118mm.

Single tyre			V								FV					FSV						FSW								
8FG/FDJ30F	Tilt range, forward	deg	6	6	6	6	6	6	—	—	6	6	6	6	6	6	6	6	6	6	—	—	6	6	6	6	6	6	—	
	Tilt range, backward	deg	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	—	—	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	6	6	6	—	—	6	6	6	6	6	6	—
	Load capacity, P tyres at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2600	—	—	3000	3000	3000	3000	3000	3000	3000	2600	1900	1500	—	—	2900	2900	2550	1900	2050	2000	—
	Load capacity, SE tyres at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	2750	—	—	3000	3000	3000	3000	3000	3000	3000	2750	2050	1650	—	—	3000	3000	2800	2600	2150	2100	—
8FG/FDJ35F	Tilt range, forward	deg	6	6	6	6	6	6	—	—	6	6	6	6	6	6	6	6	6	6	—	—	6	6	6	6	6	6	6	
	Tilt range, backward	deg	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	—	—	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	6	6	6	—	—	6	6	6	6	6	6	6
	Load capacity, P tyres at 500 mm LC	kg	3500	3500	3500	3500	3500	3500	3300	—	—	3500	3500	3500	3500	3500	3500	3400	3300	2700	2000	—	—	3500	3500	3250	3150	2700	2050	1100
	Load capacity, SE tyres at 500 mm LC	kg	3500	3500	3500	3500	3500	3500	3400	—	—	3500	3500	3500	3500	3500	3500	3400	3300	2850	2150	—	—	3500	3500	3250	3150	2750	2150	1100

Dual tyre			V								FV					FSV						
8FG/FDJ30F	Tilt range, forward	deg	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	Tilt range, backward	deg	11(6)	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	6	6	6	6	6
	Load capacity, P tyres at 500 mm LC	kg	3000	3000	3000	3000	3000	3000	3000	2550	—	3000	3000	3000	3000	3000	3000	3000	2950	2650	2050	1600
8FG/FDJ35F	Tilt range, forward	deg	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
	Tilt range, backward	deg	11(6)	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	11(6)	11(6)	11(6)	11(6)	11(6)	6	6	6	6	6	6	6
	Load capacity, P tyres at 500 mm LC	kg	3500	3500	3500	3500	3500	3500	3400	2950	—	3500	3500	3500	3500	3500	3500	3400	3300	3200	2400	1650

Data in () are for when "Cabin Series" is selected (minimum front windshield).



Standard equipments:

- Hydrostatic transmission
- Toyota SAS (System of Active Stability*)
- Toyota OPS (Operator Presence Sensing)
- Toyota ORS seat (Operator Restraint System)
- Wide visible mast (MFH: 3000 mm)
- Load backrest (Height: 1220 mm)
- Long forks (Length: 1000 mm)
- Long forkbar [Length: 920 mm (8FG15F.18F); 1020 mm (8FG/D20F.25F); 1070 mm (8FG/D30F,8FG/DJ35F)]
- 3-way valve (A400)
- Dual brake system
- Pneumatic shaped cushion tyres
- Full hydraulic power steering
- 7" cyclone air cleaner with snorkel air intake
- Anti-restart ignition key switch
- LED Headlights
- LED Rear combination lights
- Multi function display, HST, including self diagnostic system
- Adjustable tilt steering column
- Polycarbonate roof

* = When dual tyres are selected, the Active Control Rear Stabilizer function of the SAS system of Active Stability (SAS) is not included.

