

# 3,000 to 6,500 lbs. 1,360 to 2,948 kg • Mast Specifications

## 7FBCU18, 30-7FBCU18

Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		Tilt Range		Standard Tread	Wide Tread
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	Load Capacity 600 mm/24 in. Load Center	Load Capacity 600 mm/24 in. Load Center	
			Without Load Backrest	With Standard Load Backrest							
		in mm	in mm	in mm	in mm	in mm	in mm	deg	deg	lb kg	lb kg
Wide Visible (V)	80 2035	57.5 1460	101.2 2570	128.1 3255	5.7 145	5.7 145	6	5	3500 1587	N/A	
	99.5 2535	67.3 1710	120.9 3070	147.8 3755	5.7 145	5.7 145	6	10	3500 1587	N/A	
	107.5 2735	71.3 1810	128.7 3270	155.7 3955	5.7 145	5.7 145	6	10	3500 1587	N/A	
	119 3035	77.2 1960	140.6 3570	167.5 4255	5.7 145	5.7 145	6	10	3500 1587	N/A	
	131 3335	83.1 2110	152.4 3870	179.3 4555	5.7 145	5.7 145	6	10	3500 1587	N/A	
	139 3535	87 2210	164.2 4170	187.2 4755	5.7 145	5.7 145	6	10	3500 1587	N/A	
	147 3735	93.3 2370	168.1 4270	195.1 4955	5.7 145	5.7 145	6	10	3500 1587	N/A	
	158.5 4035	100.8 2560	179.9 4570	206.9 5255	5.7 145	5.7 145	6	10	3500 1587	N/A	
	178.5 4535	110.6 2810	199.6 5070	226.6 5755	5.7 145	5.7 145	6	5	3300 1497	N/A	
198 5035	120.5 3060	219.3 5570	246.3 6255	5.7 145	5.7 145	6	5	3200 1451	N/A		
Full-Free Lift 2-Stage (FV)	80 2035	57.5 1460	99.4 2525	128.1 3255	36.8 935	9.5 240	6	5	3500 1587	N/A	
	99.5 2535	67.3 1710	119.1 3025	147.8 3755	46.7 1185	19.3 490	6	10	3500 1587	N/A	
	107.5 2735	71.3 1810	127 3225	155.7 3955	50.6 1285	23.3 590	6	10	3500 1587	N/A	
	119 3035	77.2 1960	138.8 3525	167.5 4255	56.5 1435	29.2 740	6	10	3500 1587	N/A	
	131 3335	83.1 2110	150.6 3825	179.3 4555	62.4 1585	35.1 890	6	10	3500 1587	N/A	
	139 3535	87 2210	158.5 4025	187.2 4755	66.4 1685	39 990	6	10	3500 1587	N/A	
	147 3735	93.3 2370	166.3 4225	195.1 4955	72.6 1845	45.3 1150	6	10	3500 1587	N/A	
	158.5 4035	100.8 2560	178.1 4525	206.9 5255	80.2 2035	52.8 1340	6	10	3500 1587	N/A	
Full-Free Lift 3-Stage (FSV)	147 3735	69.3 1760	167.9 4265	195.1 4955	47 1195	21.3 540	6	5	3500 1587	N/A	
	158.5 4035	73.2 1860	179.7 4565	206.9 5255	51 1295	25.2 640	6	5	3500 1587	N/A	
	170.5 4335	77.2 1960	191.5 4865	218.7 5555	54.9 1395	29.2 740	6	5	3400 1542	N/A	
	189 4800	83.1 2110	209.4 5320	237 6020	60.8 1545	35.1 890	6	5	3090 1401	N/A	
	198 5035	87 2210	219.1 5565	246.3 6255	64.8 1645	39 990	6	5	3050 1383	N/A	
	217.5 5535	93.3 2370	238.8 6065	265.9 6755	71.1 1805	45.3 1150	6	5	2800 1270	N/A	
237.5 6035	100.8 2560	258.5 6565	285.6 7255	78.5 1995	52.8 1340	6	5	1700 771	N/A		

NOTE: Height of standard load backrest is 48" / 1220 mm.

## 7FBCU20, 30-7FBCU20

Mast Type	Maximum Fork Height (top of forks)	Overall Height				Free Lift		Tilt Range		Standard Tread	Wide Tread
		Lowered	Extended		Without Load Backrest	With Standard Load Backrest	FWD	BWD	Load Capacity 600 mm/24 in. Load Center	Load Capacity 600 mm/24 in. Load Center	
			Without Load Backrest	With Standard Load Backrest							
		in mm	in mm	in mm	in mm	in mm	deg	deg	lb kg	lb kg	
Wide Visible (V)	80 2040	57.7 1465	104.3 2650	128.3 3260	6.1 155	6.1 155	6	5	4000 1814	4000 1814	
	100 2540	67.5 1715	124 3150	148 3760	6.1 155	6.1 155	6	5	4000 1814	4000 1814	
	107.5 2735	71.5 1815	131.9 3550	155.9 3960	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	119.5 3040	77.4 1965	143.7 3650	167.7 4260	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	131.5 3340	83.3 2115	155.5 3950	179.5 4560	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	139 3540	87.2 2215	163.4 4150	187.4 4760	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	147 3740	93.5 2375	171.3 4350	195.3 4960	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	159 4040	101 2565	183.1 4650	207.1 5260	6.1 155	6.1 155	6	10	4000 1814	4000 1814	
	178.5 4540	110.8 2815	202.8 5150	226.8 5760	6.1 155	6.1 155	6	5	4000 1814	4000 1814	
198 5040	120.7 3065	222.4 5650	246.5 6260	6.1 155	6.1 155	6	5	3850 1746	3850 1746		
Full-Free Lift 2-Stage (FV)	80 2040	57.7 1465	99.8 2535	128.3 3260	36.4 925	9.7 245	6	5	4000 1814	4000 1814	
	100 2540	67.5 1715	119.5 3035	148 3760	46.3 1175	19.5 495	6	8	4000 1814	4000 1814	
	107.5 2735	71.5 1815	127.4 3235	155.9 3960	50.2 1275	23.5 595	6	10	4000 1814	4000 1814	
	119.5 3040	77.4 1965	139.2 3535	167.7 4260	56.1 1425	29.4 745	6	10	4000 1814	4000 1814	
	131.5 3340	83.3 2115	151 3835	179.5 4560	62 1575	35.3 895	6	10	4000 1814	4000 1814	
	139 3540	87.2 2215	158.9 4035	187.4 4760	65.9 1675	39.2 995	6	10	4000 1814	4000 1814	
	147 3740	93.5 2375	166.7 4235	195.3 4960	72.2 1835	45.5 1155	6	10	4000 1814	4000 1814	
	159 4040	101 2565	178.5 4535	207.1 5260	79.7 2025	53 1345	6	10	4000 1814	4000 1814	
Full-Free Lift 3-Stage (FSV)	147 3740	69.5 1765	170.9 4340	195.3 4960	44.1 1120	21.5 545	6	5	4000 1814	4000 1814	
	159 4040	73.4 1865	182.7 4640	207.1 5260	48 1220	25.4 645	6	5	4000 1814	4000 1814	
	170.5 4340	77.4 1965	194.5 4940	218.9 5560	52 1320	29.4 745	6	5	3850 1746	3850 1746	
	189 4800	83.3 2115	212.8 5405	237 6020	57.9 1470	35.3 895	6	5	3750 1700	3750 1700	
	198 5040	87.2 2215	222 5640	246.4 6260	61.8 1570	39.2 995	6	5	3550 1610	3550 1610	
	218 5540	93.5 2375	241.7 6140	266.1 6760	68.1 1730	45.5 1155	6	5	3500 1587 <sup>(2)</sup>	3500 1587 <sup>(3)</sup>	
237.5 6040	101 2565	261.4 6640	285.8 7260	75.6 1920	53 1345	6	5	N/A	3300 1496 <sup>(3)</sup>		
Full-Free Lift 4-Stage (QFV)	240 6090	83 2105	261 6625	288 7310	62 1575	35 890	6	5	2500 1150 <sup>(2)</sup>	3000 1360	
	258 6550	89 2260	279 7080	306 7765	66 1675	39 990	6	5	1750 800 <sup>(2)</sup>	2300 1043	
	276 7005	95 2410	297 7540	324 8220	72 1830	45 1140	6	5	950 450 <sup>(1)(2)</sup>	1700 750	

NOTE: Height of standard load backrest is 48" 1220 mm.

(1) Capacities of 1,500 lbs 680 kg or less are subject to review by Toyota.

(2) Available as a TSDR only.

(3) Requires wide tread.