



FORKLIFT TRUCKS

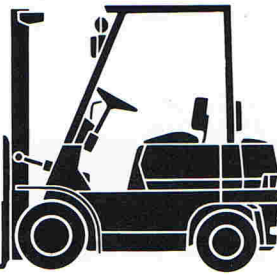
SPECIFICATIONS

MITSUBISHI FORKLIFT TRUCKS

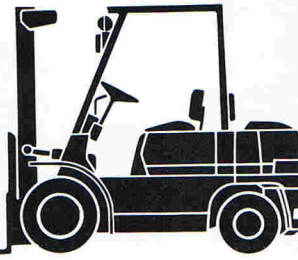
FG10



FG14
FG15
FD15



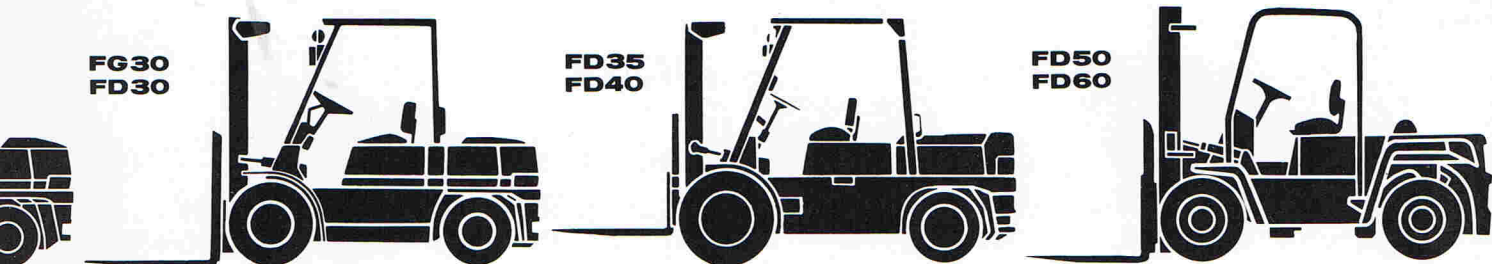
FG20
FD20



FG25
FD25



Item			MODEL	FG10	FG14	FG15	FD15	FG20	
Rated Capacity/Load Center			kg/mm(lb/in.)	1000/500(2000/24)	1350/500(2700/24)	1500/500(3000/24)	1500/500(3000/24)	2000/500(4000/24)	
Max. Lifting Height			mm(in.)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	
Free Lift			mm(in.)	295(11-5/8)	395(15-1/2)	395(15-1/2)	395(15-1/2)	460(18)	
Lifting Speed(Loaded)			mm/sec(FPM)	460(90)	450(88)	450(88)	450(88)	450(88)	
Lowering Speed(Loaded)			mm/sec(FPM)	550(108)	450(88)	450(88)	450(88)	450(88)	
Tilting Angle Forward/Backward			deg/deg	6/12	6/12	6/12	6/12	6/12	
Traveling Speed (Torque Converter model)		Forward	km/h(MPH)	14(8.7)	15(9.3)	15(9.3)	15(9.3)	18(11.2)	
		Reverse	km/h(MPH)	14(8.7)	15(9.3)	15(9.3)	15(9.3)	18(11.2)	
Traveling Speed (Direct Drive model)		Forward	1st	km/h(MPH)	9(5.6)	9(5.6)	9(5.6)	9(5.6)	
			2nd	km/h(MPH)	14(8.7)	15(9.3)	15(9.3)	15(9.3)	
		Reverse	1st	km/h(MPH)	9(5.6)	9(5.6)	9(5.6)	9(5.6)	
			2nd	km/h(MPH)	14(8.7)	15(9.3)	15(9.3)	15(9.3)	
Min. Turning Radius			mm(in.)	1840(72-3/8)	1960(77-1/8)	1980(78)	1980(78)	2170(85-3/8)	
Min. Intersecting Aisle			mm(in.)	1680(66-1/8)	1755(69)	1765(69-1/2)	1765(69-1/2)	1900(74-7/8)	
Drawbar Pull (Loaded)		Torque Converter	kg(lb)	1140(2510)	1240(2730)	1230(2710)	1510(3320)	1270(2790)	
		Direct Drive	kg(lb)	860(1890)	770(1690)	760(1670)	1040(2290)	1150(2530)	
Gradeability (Loaded)		Torque Converter	% tanθ	39	34	31	40	25	
		Direct Drive	% tanθ	29	20	19	26	22	
Overall Length			mm(in.)	3015(118-3/4)	3150(124)	3170(124-7/8)	3170(124-7/8)	3510(138-1/8)	
Overall Width			mm(in.)	1050(41-3/8)	1065(42)	1065(42)	1065(42)	1145(45)	
Extended Overall Height			mm(in.)	4020(158-1/4)	4030(158-5/8)	4030(158-5/8)	4030(158-5/8)	4030(158-5/8)	
Mast Lowered Height			mm(in.)	1980(78)	1995(78-1/2)	1995(78-1/2)	1995(78-1/2)	2060	
Overhead Guard Height			mm(in.)	2045(80-1/2)	2045(80-1/2)	2045(80-1/2)	2045(80-1/2)	2065(81-1/4)	
Wheelbase			mm(in.)	1320(52)	1380(54-3/8)	1380(54-3/8)	1380(54-3/8)	1550(61)	
Tread Width		Front	mm(in.)	885(34-7/8)	890(35)	890(35)	890(35)	960(37-3/4)	
		Rear	mm(in.)	890(35)	890(35)	890(35)	890(35)	980(38-5/8)	
Min. Under Clearance at frame			mm(in.)	120(4-3/4)	130(5-1/8)	130(5-1/8)	130(5-1/8)	150(6)	
Forks		Length	mm(in.)	920(36-1/4)	920(36-1/4)	920(36-1/4)	920(36-1/4)	1070(42-1/8)	
		Width x Thickness	mm(in.)	100x34(4x1-3/8)	100x34(4x1-3/8)	100x34(4x1-3/8)	100x34(4x1-3/8)	125x37(5x1-1/2)	
		Spread(Outside)	mm(in.)	200~920(7-7/8~36-1/4)	200~920(7-7/8~36-1/4)	200~920(7-7/8~36-1/4)	200~920(7-7/8~36-1/4)	250~1000(9-7/8~39-3/8)	
Service Weight		Torque Converter	kg(lb)	2110(4640)	2480(5460)	2570(5650)	2670(5870)	3380(7440)	
		Direct Drive	kg(lb)	2110(4640)	2480(5460)	2570(5650)	2670(5870)	3380(7440)	
Engine		Model(Mitsubishi)		4G33	4G33	4G33	4D05	4G52	
		Displacement		cc(cu. in.)	1439(87.7)	1439(87.7)	1439(87.7)	2084(127.1)	1995(121.6)
		Rated Output		ps/rpm	30/2400	30/2400	30/2400	38/2400	39/2400
		Max. Torque		kg-m(lb·ft)/rpm	9.7(70.3)/1600	9.7(70.3)/1600	9.7(70.3)/1600	12.6(91.3)/1600	13.4(97)/1800
		Battery		No. x Volt-AH	1x12-32	1x12-32	1x12-32	2x12-50	1x12-50
Fuel Tank Capacity			liter(U.S. gal)	33(9)	37(10)	37(10)	37(10)	50	
Tire Size (Pneumatic)		Front	Single	6.00-9-10PR(1)	6.50-10-10PR(1)	6.50-10-10PR(1)	6.50-10-10PR(1)	7.00-12-12PR(1)	
			Dual(option)	4.50-12-8PR(1)	4.50-12-8PR(1)	4.50-12-8PR(1)	4.50-12-8PR(1)	5.50-15-8PR(1)	
		Rear	5.00-8-8PR(1)	5.00-8-8PR(1)	5.00-8-8PR(1)	5.00-8-8PR(1)	6.00-9-10PR(1)		



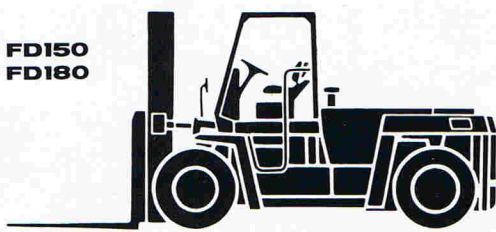
FD20	FG25	FD25	FG30	FD30	* FD35	* FD40	FD50	FD60
2000/500(4000/24)	2500/500(5000/24)	2500/500(5000/24)	3000/500(6000/24)	3000/500(6000/24)	4000/500(8000/24)	4000/600(9000/24)	5000/600(11000/24)	6000/600(13000/24)
3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)
460(18)	465(18-1/4)	465(18-1/4)	445(17-1/2)	445(17-1/2)	480(18-7/8)	480(18-7/8)	0	0
450(88)	450(88)	450(88)	440(87)	440(87)	415(82)	415(82)	360(71)	360(71)
450(88)	450(88)	450(88)	450(88)	450(88)	450(89)	450(89)	420(82)	420(82)
	6/12	6/12	6/12	6/12	6/12	6/12	6/12	6/12
18(11.2)	18(11.2)	18(11.2)	19(11.8)	19(11.8)	19(11.8)	19(11.8)	1st. ⁹ _(5.6) 2nd. ²³ _(14.3)	1st. ⁹ _(5.6) 2nd. ²³ _(14.3)
18(11.2)	18(11.2)	18(11.2)	19(11.8)	19(11.8)	19(11.8)	19(11.8)	15(9.3)	15(9.3)
9(5.6)	9(5.6)	9(5.6)	10(6.2)	10(6.2)	10(6.2)	10(6.2)	-	-
19(11.8)	19(11.8)	19(11.8)	20(12.4)	20(12.4)	20(12.5)	20(12.5)	-	-
9(5.6)	9(5.6)	9(5.6)	10(6.2)	10(6.2)	10(6.2)	10(6.2)	-	-
19(11.8)	19(11.8)	19(11.8)	20(12.4)	20(12.4)	20(12.5)	20(12.5)	-	-
2170(85-3/8)	2250(88-5/8)	2250(88-5/8)	2480(97-5/8)	2480(97-5/8)	2690(105-7/8)	2860(112-5/8)	3150(124)	3250(128)
1900(74-7/8)	1945(76-1/2)	1945(76-1/2)	2065(81-1/4)	2065(81-1/4)	2315(91-1/8)	2390(94)	2850(112-1/4)	2900(114-1/4)
1520(3340)	1280(2820)	1530(3370)	1460(3210)	1330(2930)	2100(4620)	2000(4400)	2780(6120)	2760(6080)
1400(3080)	1160(2550)	1420(3120)	1240(2730)	1200(2640)	1710(3760)	1630(3590)	-	-
29	21	25	20	18	24	21	22	19
27	19	23	17	17	19	17	-	-
3510(138-1/8)	3600(141-3/4)	3600(141-3/4)	3790(149-1/4)	3790(149-1/4)	4115(162)	4285(168-5/8)	4585(180-1/2)	4685(184-3/8)
1145(45)	1145(45)	1145(45)	1270(50)	1270(50)	1400(55)	1485(58-1/2)	1960(77-1/8)	1960(77-1/8)
4030(158-5/8)	4030(158-5/8)	4030(158-5/8)	4135(162-3/4)	4135(162-3/4)	4135(162-3/4)	4135(162-3/4)	4380(172-1/2)	4380(172-1/2)
2060(81)	2060(81)	2060(81)	2090(82-1/4)	2090(82-1/4)	2230(87-3/4)	2230(87-3/4)	2470(97-1/4)	2470(97-1/4)
2065(81-1/4)	2065(81-1/4)	2065(81-1/4)	2090(82-1/4)	2090(82-1/4)	2250(88-1/2)	2250(88-1/2)	2440(96-1/8)	2440(96-1/8)
1550(61)	1550(61)	1550(61)	1700(66-7/8)	1700(66-7/8)	1850(72-7/8)	2000(78-3/4)	2200(86-5/8)	2200(86-5/8)
960(37-3/4)	960(37-3/4)	960(37-3/4)	1060(41-3/4)	1060(41-3/4)	1160(45-3/4)	1160(45-3/4)	1400(55-1/8)	1400(55-1/8)
980(38-5/8)	980(38-5/8)	980(38-5/8)	980(38-5/8)	980(38-5/8)	1160(45-3/4)	1160(45-3/4)	1490(58-5/8)	1490(58-5/8)
150(6)	150(6)	150(6)	175(6-7/8)	175(6-7/8)	255(10)	255(10)	170(6-5/8)	170(6-5/8)
1070(42-1/8)	1070(42-1/8)	1070(42-1/8)	1070(42-1/8)	1070(42-1/8)	1070(42-1/8)	1070(42-1/8)	1220(48)	1220(48)
25x37(5x1-1/2)	125x42(5x1-5/8)	125x42(5x1-5/8)	125x50(5x2)	125x50(5x2)	150x50(6x2)	150x50(6x2)	150x65(6x2-5/8)	150x65(6x2-5/8)
0~1000(9-7/8~39-3/8)	250~1000(9-7/8~39-3/8)	250~1000(9-7/8~39-3/8)	250~1000(9-7/8~39-3/8)	250~1000(9-7/8~39-3/8)	300~1190(11-7/8~46-7/8)	300~1190(11-7/8~46-7/8)	300~1600(11-7/8~63)	300~1600(11-7/8~63)
3500(7700)	3720(8180)	3840(8450)	4270(9390)	4390(9660)	5480(12280)	5750(12650)	7740(17050)	8290(18260)
3500(7700)	3720(8180)	3840(8450)	4270(9390)	4390(9660)	5480(12280)	5750(12650)	-	-
S4E	4G52	S4E	4G53	S4E	S6E	S6E	6DR50	6DR50
2609(159.1)	1995(121.6)	2609(159.1)	2384(145.4)	2609(159.1)	3914(238.8)	3914(238.8)	3988(243.2)	3988(243.2)
50/2400	39/2400	50/2400	45/2400	50/2400	70/2450	70/2450	78/2400	78/2400
15.5(112.3)/1300	13.4(97)/1800	15.5(112.3)/1300	16.4(119)/1600	15.5(112.3)/1300	21.2(153.6)/1600	21.2(153.6)/1600	23.4(169.5)/2000	23.4(169.5)/2000
2x12-50	1x12-50	2x12-50	1x12-50	2x12-50	2x12-50	2x12-50	2x12-70	2x12-70
58(15)	58(15)	58(15)	67(17)	67(17)	100(26.4)	120(31.7)	85(22.4)	85(22.4)
00-12-12PR(1)	7.00-12-12PR(1)	7.00-12-12PR(1)	8.25-12-12PR(1)	8.25-12-12PR(1)	8.25-15-14PR(1)	300-15-18PR(1)	-	-
5.50-15-8PR(1)	5.50-15-8PR(1)	5.50-15-8PR(1)	6.00-15-10PR(1)	6.00-15-10PR(1)	7.50-16-12PR(1)	7.50-16-12PR(1)	8.25-15-12PR(1)	8.25-15-12PR(1)
6.00-9-10PR(1)	6.00-9-10PR(1)	6.00-9-10PR(1)	6.50-10-10PR(1)	6.50-10-10PR(1)	7.00-12-12PR(1)	7.00-12-12PR(1)	8.25-15-12PR(1)	8.25-15-12PR(1)

* New Product

MITSUBISHI FORKLIFT TRUCKS



**FD100
FD120**



**FD150
FD180**



FD250

Item		MODEL	FD100	FD120	FD150	FD180	FD250	
Rated Capacity/Load Center		kg/mm(lb/in.)	10000/600 (22000/24)	12000/600 (26500/24)	15000/900 (33000/36)	18000/900 (40000/36)	25000/1200 (55000/48)	
Max. Lifting Height		mm(in.)	3000(118)	3000(118)	3000(118)	3000(118)	3000(118)	
Lifting Speed(Loaded)		mm/sec(FPM)	300(59)	300(59)	200(39)	200(39)	160(31)	
Lowering Speed(Loaded)		mm/sec(FPM)	350(69)	350(69)	220(43)	220(43)	—	
Tilting Angle(Forward/Backward)		deg/deg	6/12	6/12	6/12	3/10	6/12	
Traveling Speed	Forward	1st	km/h(MPH)	11(6.8)	11(6.8)	6(3.7)	7(4.3)	5(3.1)
		2nd	km/h(MPH)	24(15)	24(15)	13(8.1)	14(8.7)	9(5.6)
		3rd	km/h(MPH)	—	—	24(15)	24(15)	16(9.9)
		4th	km/h(MPH)	—	—	—	—	30(18.6)
	Reverse	1st	km/h(MPH)	10(6.2)	10(6.2)	6(3.7)	6.5(4)	5(3.1)
		2nd	km/h(MPH)	22.5(14)	22.5(14)	12.5(7.8)	13.5(8.4)	9(5.6)
		3rd	km/h(MPH)	—	—	23(14.3)	23.5(14.6)	16(9.9)
		4th	km/h(MPH)	—	—	—	—	30(18.6)
Min. Turning Radius		mm(in.)	4000(157-1/2)	4100(161-3/8)	5000(196-7/8)	5000(196-7/8)	6000(236)	
Min. Intersecting Aisle		mm(in.)	3250(128)	3300(129-7/8)	4350(171-1/4)	4350(171-1/4)	5300(208-5/8)	
Drawbar Pull(Loaded)		kg(lb)	5400(11900)	5200(11400)	11500(25300)	11000(24200)	15000(33000)	
Gradeability(Loaded)		% tanθ	23	22	30	25	25	
Overall Length		mm(in.)	5510(216-7/8)	5700(224-3/8)	7110(280)	7120(280-3/8)	8940(352)	
Overall Width		mm(in.)	2230(87-3/4)	2270(89-3/8)	3090(121-5/8)	3090(121-5/8)	3590(141-3/8)	
Extended Overall Height		mm(in.)	4500(177-1/8)	4500(177-1/8)	4830(190-1/8)	4830(190-1/8)	5300(208-5/8)	
Mast Lowered Height		mm(in.)	2930(115-3/8)	2950(116-1/8)	3330(131-1/8)	3360(132-1/4)	3800(149-5/8)	
Overhead Guard Height		mm(in.)	2940(115-3/4)	2960(116-1/2)	3120(122-7/8)	3150(124)	3250(128)	
Wheelbase		mm(in.)	2800(110-1/4)	2800(110-1/4)	3500(137-3/4)	3500(137-3/4)	4200(165-3/8)	
Tread	Front	mm(in.)	1660(65-3/8)	1675(66)	2300(90-1/2)	2320(91-3/8)	2635(103-3/4)	
	Rear	mm(in.)	1800(70-7/8)	1800(70-7/8)	2300(90-1/2)	2300(90-1/2)	2750(108-1/4)	
Min. Under Clearance at frame		mm(in.)	250(9-7/8)	270(10-5/8)	245(9-5/8)	275(10-7/8)	300(11-3/4)	
Forks	Length	mm(in.)	1220(48)	1220(48)	1820(71-5/8)	1820(71-5/8)	2440(96)	
	Width x Thickness	mm(in.)	170x75(6-3/4x3)	170x75(6-3/4x3)	$\frac{250 \times 90}{(9-7/8 \times 3-1/2)}$	$\frac{250 \times 90}{(9-7/8 \times 3-1/2)}$	$\frac{300 \times 110}{(11-3/4 \times 4-3/8)}$	
	Spread(Outside)	mm(in.)	$\frac{840-1780}{(33-1/8-70-1/8)}$	$\frac{840-1780}{(33-1/8-70-1/8)}$	$\frac{910-2480}{(35-7/8-97-5/8)}$	$\frac{910-2480}{(35-7/8-97-5/8)}$	$\frac{1850-2850}{(72-7/8-112-1/4)}$	
Service Weight		kg(lb)	13900(30600)	15100(33300)	25000(55000)	27500(60600)	36000(79300)	
Engine	Model(Mitsubishi)		6D11	6D11	6DB1	6DB1	6D20CT	
	Displacement	cc(cu-in.)	6754(412.2)	6754(412.2)	8553(521.9)	8553(521.9)	10308(628.54)	
	Rated Output	PS/rpm	113/2000	113/2000	130/2000	130/2000	200/2000	
	Max. Torque	kg-m(lb-ft)/rpm	40.6(294)/1800	40.6(294)/1800	52(376)/1000	52(376)/1000	84(608.7)/1400	
	Battery	No. x Volt-AH	2x12-120	2x12-120	2x12-120	2x12-120	2x12-150	
Fuel Tank Capacity		liter(U.S. gal)	200(53)	200(53)	200(53)	200(53)	350(92.5)	
Tire Size (Pneumatic)	Front(dual)		9.00-20-14PR(1)	10.00-20-14PR(1)	12.00-24-16PR(1)	13.00-24-18PR(1)	16.00-25-28PR(1)	
	Rear		9.00-20-14PR(1)	10.00-20-14PR(1)	12.00-24-16PR(1)	13.00-24-18PR(1)	16.00-25-28PR(1)	

- These figure standard specifications. Where information on Mitsubishi forklifts of other specifications is needed, your inquiry should be made to a Mitsubishi distributor near you.
- The specifications are subject to change without prior notice.

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