

When *reliability*
is *everything...*

With Mitsubishi,
the choice is easy...

As a general rule, the constant pressures in the workplace, on production schedules and delivery deadlines leave absolutely no room for failure...

At Mitsubishi Forklift Trucks, we have a code of conduct based on quality and reliability. It's guiding philosophy is to achieve 100% performance and 0% downtime. Our forklift trucks are built to a higher specification to ensure utter reliability, whatever the application.

Mitsubishi companies around the world are at the leading edge of technologies where performance, quality and dependability cannot be compromised. Whether in research, engineering, manufacturing, distribution or regional support, we have established standards which guarantee that when you have to depend on a forklift truck, you can depend on Mitsubishi. No matter where you are located, we have a materials handling solution that will meet your expectations.

At Mitsubishi Forklift Trucks product reliability and customer satisfaction are not just vague concepts. They are a permanent state-of-mind.



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Mast Performance and Capacity

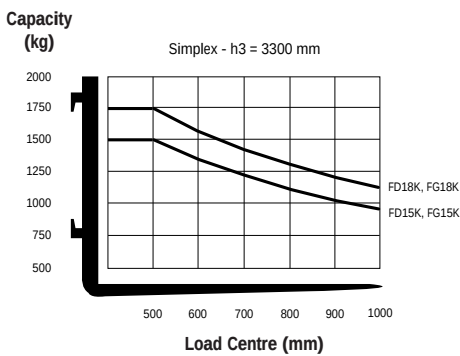
Mast Type	FD15-18K • FG15-18K			FD15K • FG15K		FD18K • FG18K	
	h3 mm	h1 mm	h4 mm	h2 / h5 mm	Q @ c=500 mm kg	h2 / h5 mm	Q @ c=500 mm kg
Simplex	3000	1995	4045	80	1500	80	1750
	3290	2140	4335	80	1500	80	1750
	3700	2400	4745	80	1500	80	1750
	4090	2585	5135	80	1500	80	1700
	4480	2790	5525	80	1450*	80	1650*
	5000	3050	6045	80	1350*	80	1550*
	5500	3300	6545	80	1200*	80	1250*
Duplex	6000	3550	7045	80	950*	80	1000*
	3000	1995	4045	950	1500	950	1750
	3295	2140	4340	1095	1500	1095	1750
	3700	2400	4745	1355	1500	1355	1750
Triplex	4030	2585	5075	1540	1500	1540	1700
	3710	1795	4755	750	1500	750	1750
	4010	1895	5055	850	1450	850	1700
	4310	1995	5355	950	1400	950	1650*
	4750	2140	5795	1095	1350*	1095	1600*
	5090	2260	6135	1215	1300*	1215	1550*
	5490	2400	6535	1355	1250*	1355	1500*
	5990	2585	7035	1540	1150*	1540	1400*
	6490	2845	7535	1800	700*	1800	750*
	7000	3050	8045	2005	450*	2005	500*

- h1 Height with mast lowered
h2 Standard free lift
h3 Standard lift height
h4 Height with mast raised
h5 Full free lift
Q Lifting capacity, rated load
c Load centre (distance)

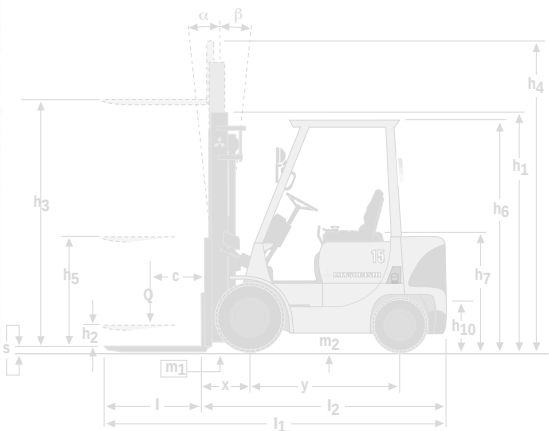
(Consult your dealer for the maximum back tilt allowed to obtain the capacities specified)

* Capacities shown require truck equipped with dual tyres

Capacities at various load centres



engine powered
forklift trucks
1.5 - 1.8 t

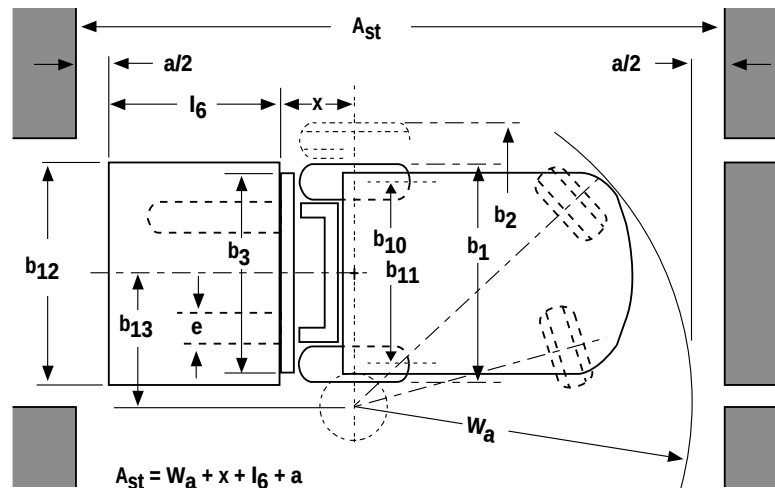
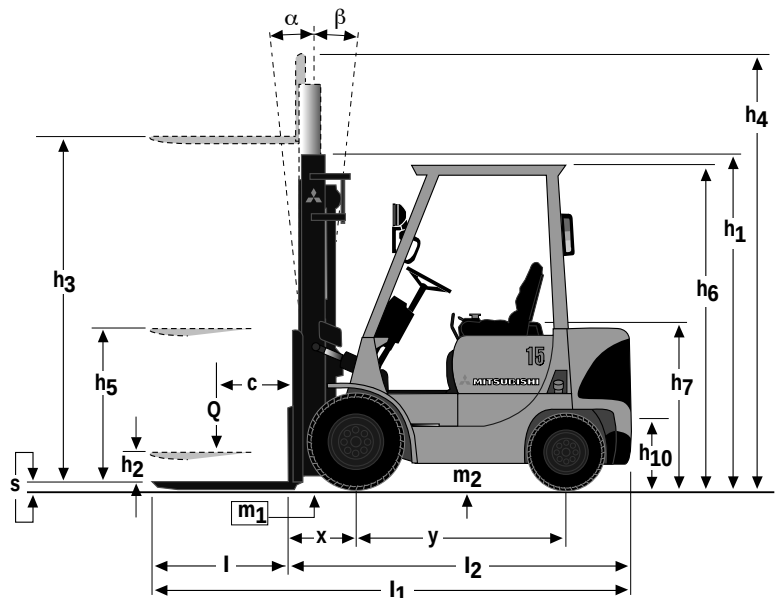


FD15K
FG15K
FD18K
FG18K

NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications, or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Mitsubishi Lift Truck Distributor. Mitsubishi follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

Characteristics							
1.1	Manufacturer (Abbreviation)		Mitsubishi	Mitsubishi	1.1	Mitsubishi	Mitsubishi
1.2	Manufacturer's model designation		FD15K	FD18K	1.2	FG15K	FG18K
1.3	Power source: Battery, diesel, LP gas, petrol		Diesel	Diesel	1.3	Petrol / LP gas	Petrol / LP gas
1.4	Operator type : Pedestrian, (operator)-standing, -seated		Seated	Seated	1.4	Seated	Seated
1.5	Lifting capacity	Q (t)	1.5	1.75	1.5	1.5	1.75
1.6	At load centre	c (mm)	500	500	1.6	500	500
1.8	Load distance	x (mm)	400	400	1.8	400	400
1.9	Wheelbase	y (mm)	1390	1390	1.9	1390	1390
Weight							
2.1	Truck weight, without load / including battery	kg	2640	2810	2.1	2590	2750
2.2	Axle loading with rated load, front/rear	kg	3590 / 500	3960 / 540	2.2	3570 / 460	3940 / 510
2.3	Axle loading without rated load, front/rear	kg	1120 / 1470	1070 / 1680	2.3	1100 / 1430	1050 / 1650
Wheels, Drive Train							
3.1	Tyre type: V=solid, L=pneumatic, SE=solid pneumatic, front/rear		SE / SE (L / L)	SE / SE (L / L)	3.1	SE / SE (L / L)	SE / SE (L / L)
3.2	Tyre dimensions, front		6.50 - 10 (10PR)	6.50 - 10 (10PR)	3.2	6.50 - 10 (10PR)	6.50 - 10 (10PR)
3.3	Tyre dimensions, rear		5.00 - 8 (10PR)	5.00 - 8 (10PR)	3.3	5.00 - 8 (10PR)	5.00 - 8 (10PR)
3.5	Number of wheels, front/rear (x=driven)		2x / 2	2x / 2	3.5	2x / 2	2x / 2
3.6	Distance between centreline of tyres, front	b10 (mm)	890	890	3.6	890	890
3.7	Distance between centreline of tyres, rear	b11 (mm)	895	895	3.7	895	895
Dimensions							
4.1	Mast tilt, forwards/backward	∂/β (°)	6 / 10	6 / 10	4.1	6 / 10	6 / 10
4.2	Height with mast lowered	h1 (mm)	2140	2140	4.2	2140	2140
4.3	Standard free lift	h2 (mm)	80	80	4.3	80	80
4.4	Standard lift height	h3 (mm)	3290	3290	4.4	3290	3290
4.5	Overall height with mast raised	h4 (mm)	4335	4335	4.5	4335	4335
4.7	Height to top of overhead guard	h6 (mm)	2140	2140	4.7	2140	2140
4.8	Seat height	h7 (mm)	1085	1085	4.8	1085	1085
4.12	Tow coupling height	h10 (mm)	320	320	4.12	320	320
4.19	Overall length	l1 (mm)	3295	3325	4.19	3295	3325
4.20	Length to fork face (includes fork thickness)	l2 (mm)	2225	2255	4.20	2225	2255
4.21	Overall width	b1/b2 (mm)	1075 / 1490	1075 / 1490	4.21	1075/1490	1065 / 1490
4.22	Forks dimensions (thickness, width, length)	s,e,l (mm)	35 x 100 x 1070	35 x 100 x 1070	4.22	35 x 100 x 1070	35 x 100 x 1070
4.23	Fork carriage to DIN 15 173 A/B/no		2A	2A	4.23	2A	2A
4.24	Fork carriage width	b3 (mm)	920	920	4.24	920	920
4.31	Ground clearance under mast, with load	m1 (mm)	95	90	4.31	95	90
4.32	Ground clearance centre of wheelbase, with load	m2 (mm)	135	130	4.32	135	130
4.33	Working aisle width with 1000 x1200 mm pallets	Ast (mm)	3590	3620	4.33	3590	3620
4.34	Working aisle width with 800 x1200 mm pallets	Ast (mm)	3390	3420	4.34	3390	3420
4.35	Turning circle radius	Wa (mm)	1990	2020	4.35	1990	2020
4.36	Minimum distance between centres of rotation	b13 (mm)	570	570	4.36	570	570
Performance							
5.1	Travel speed, with/without load	km/h	18.0 / 19.0	17.5 / 19.0	5.1	18.5 / 20.0	18.0 / 19.5
5.2	Lifting speed, with/without load	m/s	0.60 / 0.65	0.60 / 0.65	5.2	0.49 / 0.55	0.49 / 0.55
5.3	Lowering speed, with/without load	m/s	0.50 / 0.50	0.50 / 0.50	5.3	0.50 / 0.50	0.50 / 0.50
5.5	Rated drawbar pull, with/without load (60 min short duty)	N	10590 / 6370	10490 / 6080	5.5	11790 / -	11790 / -
5.7	Gradeability, with/without load	%	28 / 22	25 / 20	5.7	30 / -	28 / -
5.9	Acceleration time, with/without load (0 - 15 m)	s			5.9		
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)		Hydraulic	Hydraulic	5.10	Hydraulic	Hydraulic
I.C. Engine							
7.1	Manufacturer / Type		Mitsubishi / S4Q2	Mitsubishi / S4Q2	7.1	Mitsubishi / 4G63	Mitsubishi / 4G63
7.2	Rated output B according to ISO 1585	kW	29	29	7.2	31	31
7.3	Rated speed according to DIN 70020	rpm	2200	2200	7.3	2400	2400
7.4	Number of cylinders / Displacement	/ cm3	4 / 2505	4 / 2505	7.4	4 / 1997	4 / 1997
7.5	Fuel consumption according to VDI cycle	l/h			7.5		
Miscellaneous							
8.1	Type of drive control		Powershift / 1	Powershift / 1	8.1	Powershift / 1	Powershift / 1
8.2	Operating pressure for attachments	bar	180	180	8.2	180	180
8.3	Oil flow for attachments	l/min			8.3		
8.4	Noise level, mean value at operator's ear	dB (A)	83	83	8.4	80	80
8.5	Towing coupling design / DIN type, ref.				8.5		

FD15K • FG15K • FD18K • FG18K
1.5t • 1.75t



Ast = Working aisle width with load
a = Safety clearance (200 mm)
l6 = Pallet length (800 or 1000 mm)
b12 = Pallet width (1200 mm)

Sophisticated features for reliable performance and ease of service

- attractive modern styling and ergonomic design for excellent operator comfort & productivity
- advanced «AC» hydraulic fingertip controls provide optimum load handling precision
- pointed research followed by high quality engineering for long life, utter reliability and low handling costs
- small diameter steering wheel, tilting steer column and full hydrostatic steering for precise and responsive manoeuvring
- side steps and grab bar for easy on and off access
- user friendly and easy to read instrument display, comprising truck hour meter, engine coolant gauge, fuel gauge and “OK Monitor” which checks major truck functions
- improved anti-clogging cooling system ensures optimal engine temperature for long life and low maintenance costs
- complete range of high visibility simplex, duplex and triplex masts for precise application match and safe load handling
- manual hydraulic control levers optional
- reliable, durable and proven power train components

