*When **reliability***
*is **everything…***

Mast Performance and Capacity

Mast Type	h3 mm	h1* mm	h4* mm	h2 /h5 mm	FD100 Q @ c=600 mm kg	FD115 Q @ c=600 mm kg
Simplex	3000	2970	4470	-	10000	11500
	3500	3270	5020	-	10000	11500
	4000	3520	5520	-	10000	11500
	4500	3820	6070	-	10000	11500
	5000	4070	6570	-	10000	11500
	5500	4320	7070	-	10000	11500
	6000	4620	7620	-	9600	11100
	6500	4870	8120	-	9400	10900
	7000	5170	8670	-	9200	10700

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)

* +20 mm for the DP115

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

Mast Type	h3 mm	h1 mm	h4 mm	h2 /h5 mm	FD135 Q @ c=600 mm kg	FD150 Q @ c=600 mm kg
Simplex	3000	3300	4800	-	13500	15000
	3500	3550	5300	-	13500	15000
	4000	3850	5850	-	13500	15000
	4500	4100	6350	-	13500	15000
	5000	4350	6850	-	13500	15000
	5500	4650	7400	-	13500	15000
	6000	4900	7900	-	12900	14200
	6500	5200	8450	-	12800	14200
	7000	5450	8950	-	12600	13800

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.

MITSUBISHI FORKLIFT TRUCKS

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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.

MITSUBISHI FORKLIFT TRUCKS

engine powered forklift trucks 10.0 - 15.0 t

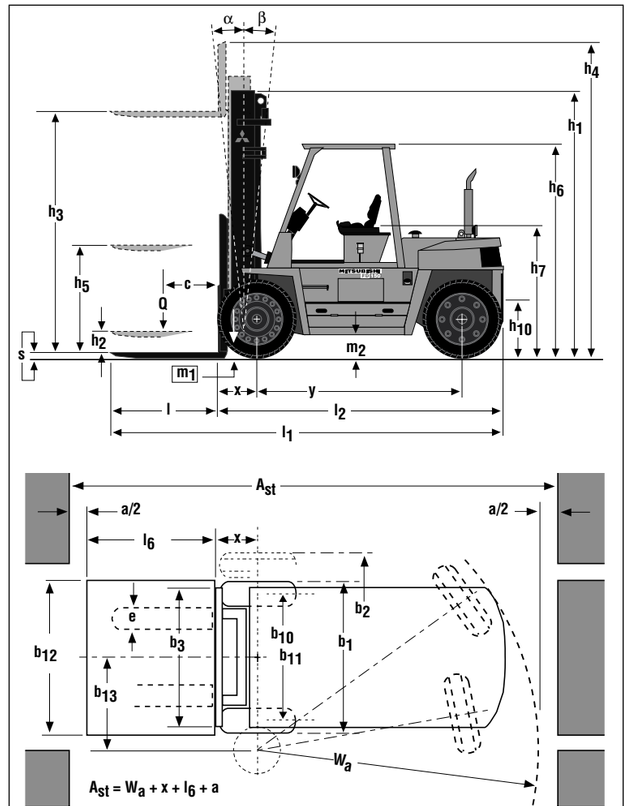
FD100
FD115
FD135
FD150

MITSUBISHI FORKLIFT TRUCKS

	Characteristics								
1.1	Manufacturer (Abbreviation)			Mitsubishi	Mitsubishi	Mitsubishi	1.1		Mitsubishi
1.2	Manufacturer's model designation			FD100	FD115	FD135	1.2		FD150
1.3	Power source: Battery, diesel, LP gas, petrol			Diesel	Diesel	Diesel	1.3		Diesel
1.4	Operator type : Pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	1.4		Seated
1.5	Lifting capacity	Q	(t)	10.0	11.5	13.5	1.5		15.0
1.6	At load centre	c	(mm)	600	600	600	1.6		600
1.8	Load distance	x	(mm)	755	755	795	1.8		795
1.9	Wheelbase	y	(mm)	2800	2800	2800	1.9		3100
	Weight								
2.1	Truck weight, without load / including battery		kg	14770	15670	17490	2.1		18380
2.2	Axle loading with rated load, front/rear		kg	22490 / 2280	24610 / 2560	28300 / 3140	2.2		30350 / 3030
2.3	Axle loading without rated load, front/rear		kg	7660 / 7110	7560 / 8110	8140 / 9800	2.3		8620 / 9760
	Wheels, Drive Train								
3.1	Tyre type: V=solid, L=pneumatic, SE=solid pneumatic, front/rear			L / L	L / L	L / L	3.1		L / L
3.2	Tyre dimensions, front			10.00 x 20 - 14 PR	10.00 x 20 - 16 PR	10.00 x 20 - 18 PR	3.2		10.00 x 20 - 18 PR
3.3	Tyre dimensions, rear			10.00 x 20 - 14 PR	10.00 x 20 - 16 PR	10.00 x 20 - 18 PR	3.3		10.00 x 20 - 18 PR
3.5	Number of wheels, front/rear (x=driven)			4x / 2	4x / 2	4x / 2	3.5		4x / 2
3.6	Distance between centreline of tyres, front	b10	(mm)	1900	1900	1905	3.6		1905
3.7	Distance between centreline of tyres, rear	b11	(mm)	1930	1930	1890	3.7		1890
	Dimensions								
4.1	Mast tilt, forwards/backward	∂/ß	(°)	15 / 12	15 / 12	15 / 12	4.1		15 / 12
4.2	Height with mast lowered	h1	(mm)	4070	4090	4350	4.2		4350
4.3	Standard free lift	h2	(mm)	-	-	-	4.3		-
4.4	Standard lift height	h3	(mm)	5000	5000	5000	4.4		5000
4.5	Overall height with mast raised	h4	(mm)	6570	6590	6850	4.5		6850
4.7	Height to top of overhead guard	h6	(mm)	2835	2835	2995	4.7		2995
4.8	Seat height	h7	(mm)	1745	1745	1790	4.8		1790
4.12	Tow coupling height	h10	(mm)				4.12		
4.19	Overall length	l1	(mm)	5515	5590	5750	4.19		6050
4.20	Length to fork face (includes fork thickness)	l2	(mm)	4295	4370	4530	4.20		4830
4.21	Overall width	b1/b2	(mm)	2515	2515	2600	4.21		2600
4.22	Forks dimensions (thickness, width, length)	s,e,l	(mm)	70, 180, 1220	70, 180, 1220	90, 180, 1220	4.22		90, 180, 1220
4.23	Fork carriage to DIN 15 173 A/B/no			No	No	No	4.23		No
4.24	Fork carriage width	b3	(mm)				4.24		
4.31	Ground clearance under mast, with load	m1	(mm)	220	220	260	4.31		260
4.32	Ground clearance centre of wheelbase, with load	m2	(mm)	340	340	380	4.32		380
4.33	Working aisle width with 1000 x1200 mm pallets	Ast	(mm)	5755	5815	5955	4.33		6345
4.34	Working aisle width with 800 x1200 mm pallets	Ast	(mm)	5955	6015	6155	4.34		6545
4.35	Turning circle radius	Wa	(mm)	4000	4060	4160	4.35		4550
4.36	Minimum distance between centres of rotation	b13	(mm)				4.36		
	Performance								
5.1	Travel speed, with/without load		km/h	24.5 / 31.5	24.5 / 31.5	22.0 / 33.0	5.1		20.5 / 33.0
5.2	Lifting speed, with/without load		m/s	0.33 / 0.36	0.34 / 0.36	0.29 / 0.31	5.2		0.28 / 0.31
5.3	Lowering speed, with/without load		m/s	0.45 / 0.50	0.45 / 0.50	0.38 / 0.42	5.3		0.38 / 0.42
5.5	Rated drawbar pull, with/without load (60 min short duty)		N	108.0 / 43.0	106.5 / 42.0	97.0 / 44.5	5.5		97.0 / 48.0
5.7	Gradeability, with/without load		%	27 / 28	25 / 25	21 / 24	5.7		20 / 25
5.9	Acceleration time, with/without load (0 - 15 m)		s				5.9		
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)			Pneum. / Hydr.	Pneum. / Hydr.	Pneum. / Hydr.	5.10		Pneum. / Hydr.
	I.C. Engine								
7.1	Manufacturer / Type			Mitsubishi / 6D16	Mitsubishi / 6D16	Mitsubishi / 6D16	7.1		Mitsubishi / 6D16
7.2	Rated output B according to ISO 1585		kW				7.2		
7.3	Rated speed according to DIN 70020		rpm	2200	2200	2200	7.3		2200
7.4	Number of cylinders / Displacement		/ cm3	6 / 7545	6 / 7545	6 / 7545	7.4		6 / 7545
7.5	Fuel consumption according to VDI cycle		l/h				7.5		
	Miscellaneous								
8.1	Type of drive control			Powershift / 3	Powershift / 3	Powershift / 3	8.1		Powershift / 3
8.2	Operating pressure for attachments		bar	-	-	-	8.2		-
8.3	Oil flow for attachments		l/min	157	157	157	8.3		172
8.4	Noise level, mean value at operator's ear		dB (A)	-	-	-	8.4		-
8.5	Towing coupling design / DIN type, ref.			-	-	-	8.5		-

FD100 • FD115 • FD135 • FD150

10.0t • 11.5t • 13.5t • 15.0t



Sophisticated features for reliable performance and ease of service

- attractive, modern styling and ergonomic design for excellent operator comfort & high productivity
- large side steps and grab bar for easy on and off access
- small diameter steering wheel with full hydrostatic steering for precise and responsive manoeuvring
- quiet- running, high-torque diesel engine meets Euro Norms Level II exhaust requirement
- efficient anti-clogging cooling system ensures optimal engine temperature for long life and low maintenance costs
- full range of panoramic masts made of high strength steel and fitted with large sealed mast rollers ensure safe load handling
- rugged wide stance drive axle provides good lateral stability in rough terrain
- three-speed automatic transmission enables precise inching with high torque at low speeds
- tough, full-floating power train absorbs shock loads and dampens vibrations
- engine hood swings back for easy and generous access to all key inspection points