



**MITSUBISHI
FORKLIFT TRUCKS**



FD60-70

S E R I E S

Internal Combustion Pneumatic Tyre

6.0 - 7.0 ton

Mitsubishi

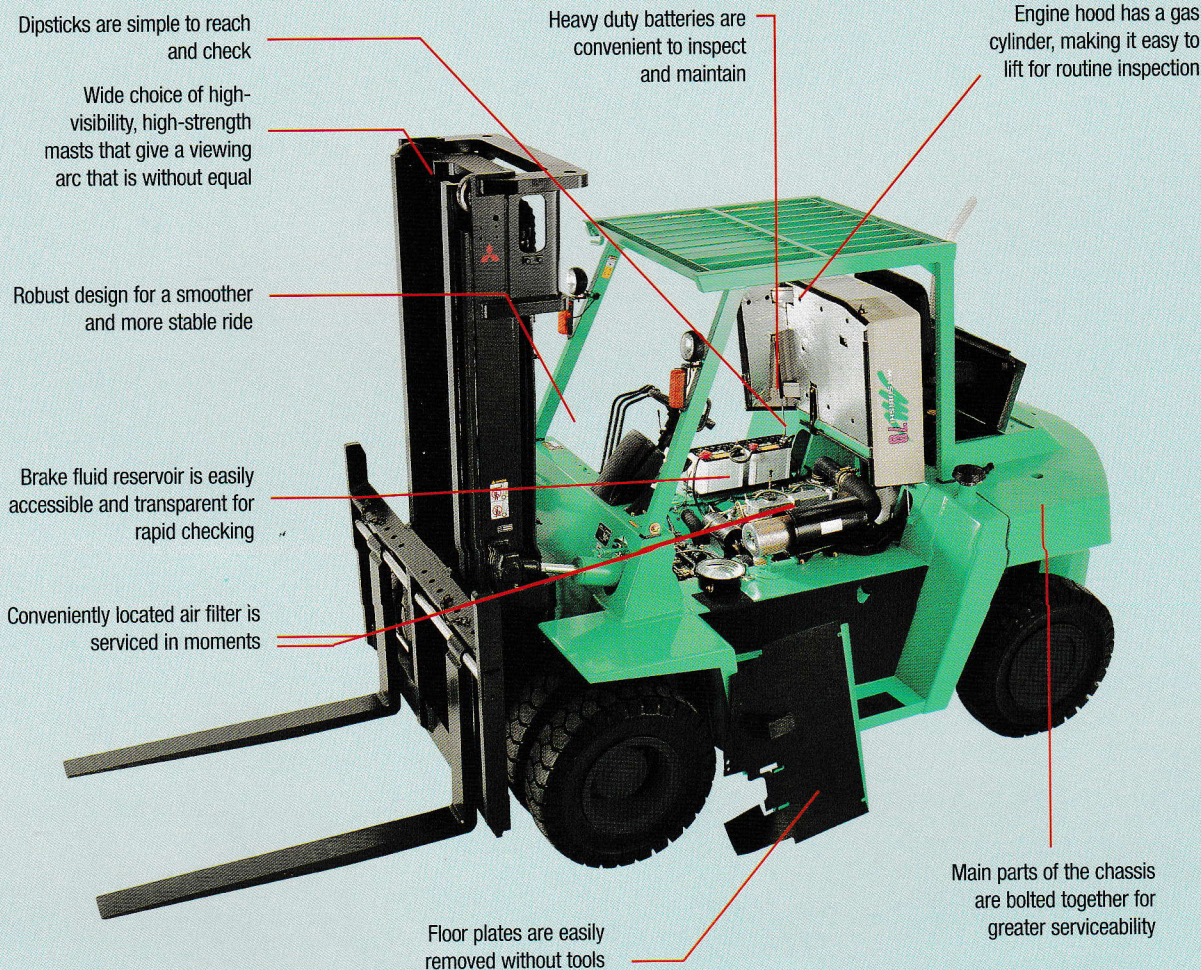
Forklift Trucks

gives you more

Rapid product selector

FD60-70 series 6.0 - 7.0 ton

Load weight	Wheelbase (mm)	Load centre (mm)	Model
6000kg	2300	600	FD60
7000kg	2300	600	FD70



Whatever your application... from timber to metals, construction materials to dockyards, container handling to airfreight, Mitsubishi forklift trucks can deliver the muscle to handle the job.

A wide chassis design and low centre of gravity combine to provide good lateral stability – essential on rough terrain, at high lifts and with unusually wide loads. The 6 cylinder diesel engines produce rapid travel speeds and easily accommodate ramps and other gradients. Moreover, because Mitsubishi Forklift Trucks takes its ecological responsibilities very seriously, its low-emission engines meet all current and proposed environmental standards.

But that's not all. From the ground up, every aspect of every truck's design has been carefully considered – and every truck is packed with advanced features designed to make life better for the driver and the service engineer.

TECHNOLOGY WITH THE POWER TO DELIVER

Available in capacities from 6 to 7 ton, heavy duty diesel counterbalanced Mitsubishi forklift trucks are as strong as they are reliable... and built to deliver high performance in every kind of environment.

The two model range matches modern design with tried and tested technology, excellent engineering with local back-up, to optimise your productivity.

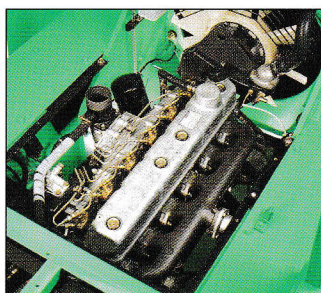
Because they produce low emissions, these diesel-powered trucks meet all environmental standards.

Driver friendly, they also offer smooth lifting, excellent all-round visibility and high levels of driver comfort.



FORKLIFT TRUCKS THAT DELIVER IN THE LONG HAUL

Famed for their sheer durability, Mitsubishi forklift trucks' FD series are built to uncompromising standards – for high performance... and lasting performance. Operating costs are minimised, thanks to quality components, low-maintenance design and easy service access.



Fully floating powertrain



Suspension seat



Hydrostatic steering



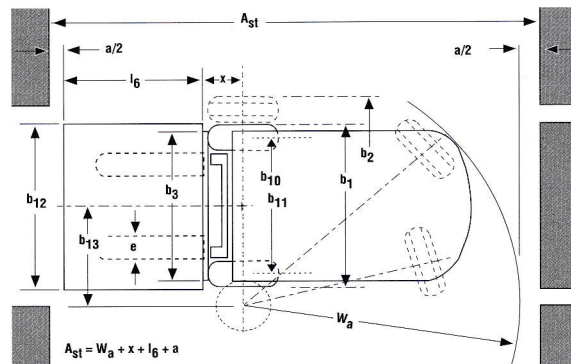
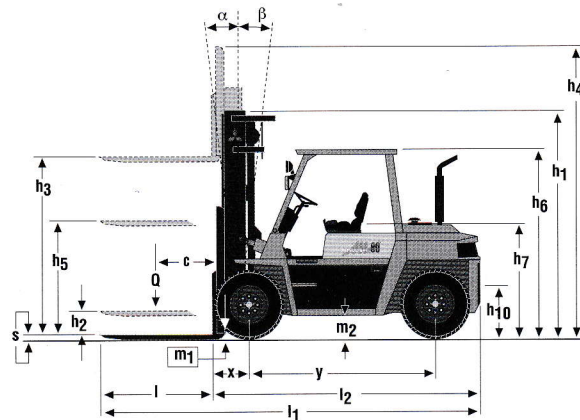
Spacious operator area

The rugged chassis with planetary final drives and fully floating powertrain ensures smooth yet powerful operation. And because the entire powertrain is manufactured entirely in-house, balance and compatibility are assured. Meanwhile, continuous Mitsubishi Forklift Trucks' research and development in the field of ergonomics has resulted in driver-friendly features that enable productivity to be maintained through the longest of shifts.

- **Ergonomic design** ensures operator comfort for high productivity.
- **High-efficiency, low-emission engines** that are friendly to the environment.
- **Robust mast design** maximises visibility and safety whilst accommodating the stresses imposed by wide loads.
- **Responsive hydrostatic steering** provides precise handling with low driver effort.
- **Transmission Interlock System** disengages the forklift truck's transmission when the operator leaves the normal seated operating position.
- **Auto-shift transmission** enables automatic gear change for easier driving and less risk of damage to gearbox.
- **Large operating compartment** offers plenty of overhead clearance.
- **Fully adjustable suspension seat** accommodates drivers of any height and weight.
- **Rugged chassis** with planetary final drives and fully floating powertrain ensures smooth yet powerful operation.
- **In-house manufacture of entire powertrain** provides excellent compatibility of components, for high performance and low operating costs.
- **Duo-servo auto-style brakes** make braking smooth and safe.

OPTIONS

- Deluxe cabin
- Choice of masts
- Sideshift and fork positioner
- Air intake options
- Hook and shaft-type carriages
- Working lights



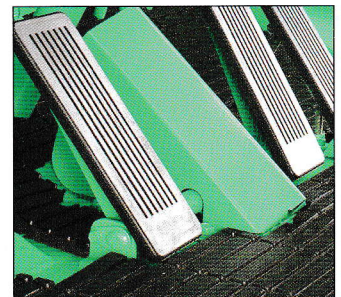
- A_{st} = Working aisle width with load
 a = Safety clearance (200 mm)
 l_6 = Pallet length (800 or 1000 mm)
 b_{12} = Pallet width (1200 mm)



Overhead guard and mast styling



Cooling fan



Pedal design



Optional cabin

Specifications

Characteristics					
1.1	Manufacturer (Abbreviation)			Mitsubishi	Mitsubishi
1.2	Manufacturer's model designation			FD60	FD70
1.3	Power source: Battery, diesel, LP gas, petrol			Diesel	Diesel
1.4	Operator type : Pedestrian, (operator)-standing, -seated			Seated	Seated
1.5	Lifting capacity	Q	(t)	6.0	7.0
1.6	At load centre	c	(mm)	600	600
1.7	Load distance	x	(mm)	585	585
1.8	Wheelbase	y	(mm)	2300	2300
Weight					
2.1	Truck weight, without load / including battery		kg	8715	9325
2.2	Axle loading with rated load, front/rear		kg	13255 / 1460	14660 / 1665
2.3	Axle loading without rated load, front/rear		kg	4160 / 4555	4050 / 5275
Wheels, Drive Train					
3.1	Tyre type: V=solid, L=pneumatic, SE=solid pneumatic, front/rear			L / L	L / L
3.2	Tyre dimensions, front			8.25 x 15- 12PR	8.25 x 15- 12PR
3.3	Tyre dimensions, rear			8.25 x 15- 12PR	8.25 x 15- 12PR
3.4	Number of wheels, front/rear (x=driven)			4x / 2	4x / 2
3.5	Distance between centreline of tyres, front	b10	(mm)	1650	1650
3.6	Distance between centreline of tyres, rear	b11	(mm)	1650	1650
Dimensions					
4.1	Mast tilt, forwards/backward	∅/B	(°)	6 / 12	6 / 12
4.2	Height with mast lowered	h1	(mm)	3075	3075
4.3	Standard free lift	h2	(mm)	200	200
4.4	Standard lift height	h3	(mm)	4000	4000
4.5	Overall height with mast raised	h4	(mm)	5280	5280
4.6	Height to top of overhead guard	h6	(mm)	2420	2420
4.7	Seat height	h7	(mm)	1320	1320
4.8	Tow coupling height	h10	(mm)	485	485
4.9	Overall length	l1	(mm)	4810	4855
4.10	Length to fork face (includes fork thickness)	l2	(mm)	3590	3635
4.11	Overall width (single / dual tyres)	b1/b2	(mm)	- / 2175	- / 2175
4.12	Forks dimensions (thickness, width, length)	s,e,l	(mm)	60 x 150 x 1220	60 x 150 x 1220
4.13	Fork carriage to DIN 15 173 A/B/no			IV A/No	IV A/No
4.14	Fork carriage width	b3	(mm)	1780	1780
4.15	Ground clearance under mast, with load	m1	(mm)	140	140
4.16	Ground clearance centre of wheelbase, with load	m2	(mm)	255	255
4.17	Working aisle width with 1000 x1200 mm pallets	Ast	(mm)	5095	5180
4.18	Working aisle width with 800 x1200 mm pallets	Ast	(mm)	4895	4980
4.19	Turning circle radius	Wa	(mm)	3310	3395
4.20	Minimum distance between centres of rotation	b13	(mm)	1260	1260
Performance					
5.1	Travel speed, with/without load		km/h	23.0 / 27.5	22.0 / 27.5
5.2	Lifting speed, with/without load		m/s	0.44 / 0.47	0.44 / 0.47
5.3	Lowering speed, with/without load		m/s	0.55 / 0.55	0.55 / 0.55
5.4	Rated drawbar pull, with/without load		N	50000 / 23000	50000 / 23000
5.5	Gradeability, with/without load		%	27.0 / 25.0	24.0 / 23.0
5.6	Acceleration time, with/without load (0 - 15 m)		s	6.8 / 5.6	6.8 / 5.6
5.7	Service brakes (mechanical/hydraulic/electric/pneumatic)			Hydraulic	Hydraulic
I.C. Engine					
6.1	Manufacturer / Type			Mitsubishi / S6S	Mitsubishi / S6S
6.2	Rated output B according to ISO 1585		kW	70.0	70.0
6.3	Rated speed according to DIN 70020		rpm	2300	2300
6.4	Number of cylinders / Displacement		/ cm3	6 / 4996	6 / 4996
6.5	Fuel consumption according to VDI cycle		l/h	-	-
Miscellaneous					
7.1	Type of drive control			Powershift / 2	Powershift / 2
7.2	Operating pressure for attachments		bar	191	191
7.3	Oil flow for attachments		l/min	-	-
7.4	Noise level, mean value at operator's ear		dB (A)	-	-
7.5	Towing coupling design / DIN type, ref.			-	-



Ready to Perform
To Your Applications



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PRESENTED BY:

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 forklift truck dealers. Mitsubishi Forklift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.