



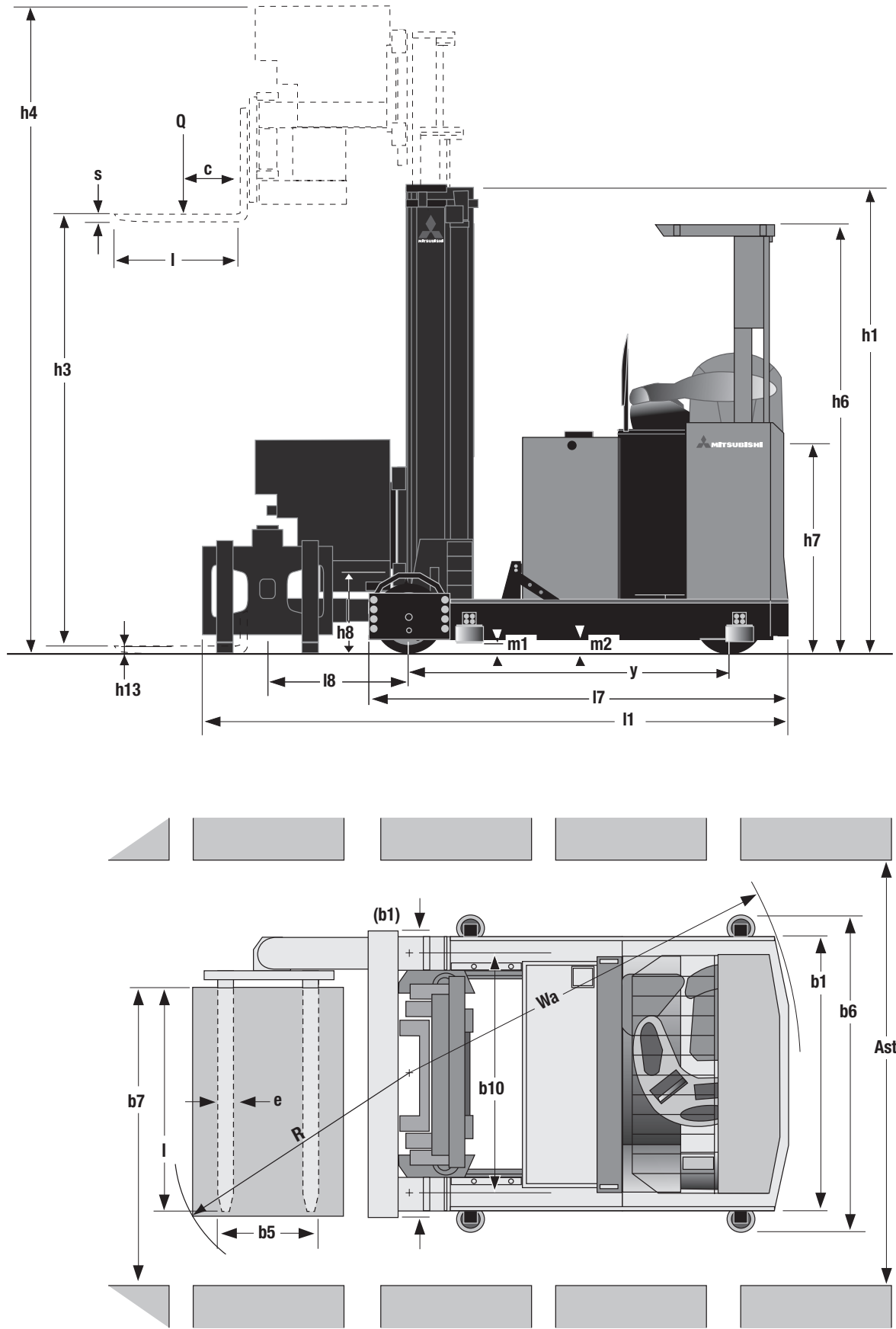
Turret Truck 1.2 tonnes



TB12

Characteristics				
1.1	Manufacturer (abbreviation)			Mitsubishi
1.2	Manufacturer's model designation			TB12
1.3	Power source: (battery, diesel, LP gas, petrol)			Electric
1.4	Operator type: pedestrian, (operator)-standing, -seated			Sit-on
1.5	Load capacity	Q	(kg)	1.200
1.6	Load centre distance	c	(mm)	600
1.9	Wheelbase	x	(mm)	1590
Weight				
2.1	Truck weight with nominal load & maximum battery weight		kg	7180 (730 Ah *)
2.2	Axle loadings with nominal load & maximum battery weight, drive/load side		kg	1280 / 5900
2.3	Axle loadings without load & with maximum battery weight, drive/load side		kg	1740 / 4240
Wheels, Drive Train				
3.1	Tyres: PT=Power Thane, Vul=Vulkollan, drive/load side			Vul / Vul
3.2	Tyre dimensions, drive side			343 x 114
3.3	Tyre dimensions, load side			350 x 140
3.5	Number of wheels, drive/load side (x=driven)			1x / 2
3.6	Track width (centre of tyres), drive side	b10	(mm)	1300
Dimensions				
4.2	Height with mast lowered (see tables)	h1	(mm)	3220
4.4	Lift height (see tables)	h3	(mm)	5920
4.5	Overall height with mast raised	h4	(mm)	7120
4.7	Height to top of overhead guard	h6	(mm)	2110
4.8	Seat height	h7	(mm)	1030
4.10	Height of load legs	h8	(mm)	390
4.15	Fork height, fully lowered	h13	(mm)	80
4.19	Overall length	l1	(mm)	2990
4.21	Overall width	b1/b2	(mm)	1440
4.22	Fork dimensions (thickness, width, length)	s / e / l	(mm)	45 / 130 / 1150
4.25	Outside width over forks (minimum/maximum)	b5	(mm)	470 / 780
4.27	Width over guide rollers (min.)			1700
4.32	Ground clearance at centre of wheelbase, (forks lowered)	m2	(mm)	30
4.34	Working aisle width (Ast) with 800 x1200 mm pallets, load lengthwise	Ast	(mm)	1700
4.35	Turning circle radius	Wa	(mm)	1855
4.37	Truck length over load legs	l7	(mm)	2030
Performance				
5.1	Travel speed, with/without load		km/h	10.0 / 11.0
5.2	Lifting speed, with/without load		m/s	0.25 / 0.30
5.3	Lowering speed, with/without load		m/s	0.50 / 0.40
5.4	Reach speed, with/without load		m/s	0.10 / 0.13
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)			Mechanical
Electric motors				
6.1	Drive motor capacity (60 min. short duty)		kW	5.5
6.2	Lift motor output at 15% duty factor		kW	9.1
6.4	Battery voltage/capacity at 5-hour discharge		V /Ah	48 / 730 *
6.5	Battery weight		kg	1120
Miscellaneous				
8.1	Type of drive control			Stepless
8.2	Maximum operating pressure for attachments		bar	160

* 876 Ah battery option available



$$Ast = Wa + R + a$$

$$Ast = \text{Cross aisle width}$$

$$Wa = \text{Turning radius}$$

$$a = \text{Safety clearance} = 2 \times 100 \text{ mm}$$

$$R = \sqrt{(l6 \times x)^2 + (b12 / 2)^2}$$

Mast Performance and Capacity

h3 + h13 Max. fork height (mm)	h1 Lowered mast height (mm)	h4 Raised mast height (mm)
4000	2550	5120
5000	2880	6120
6000	3220	7120
7000	3550	8120
8000	3880	9120
9000	4220	10120

h1 Height with mast lowered
h3 Standard lift height
h4 Height with mast raised
h13 Fork height, fully lowered

*These measurements
vary depending on
attachments used.
Please consult your
Mitsubishi dealer.*



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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 distributor of Mitsubishi forklift trucks. Mitsubishi follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

Ergonomic design for ease of operation, exceptional operator comfort and high productivity

- *Quiet and comfortable operation with generous all-round visibility for safe load handling.*
- *3-Stage mast and robust turret head to meet all reach conditions.*
- *Ergonomic and extremely responsive “fingertip” hydraulic control design for precise handling at high lift heights.*
- *High frequency hydraulic control unit providing stepless pump motor performance for individual hydraulic functions.*
- *Fully programmable functions and electrical braking for job-matched performance.*
- *Electro-magnetic parking brake.*
- *Comprehensive selection of diagnostic functions minimise troubleshooting and downtime.*
- *Swing-open cab for quick and easy maintenance.*



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** Mitsubishi Forklift Trucks has won **four** separate Fork Lift Truck Association Annual Awards for Excellence covering the areas of **Ergonomics**, the **Environment** and **Innovation**.*