

VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS					
1.1	Manufacturer			Mitsubishi Forklift Trucks	Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			PBP15QBL	PBP20QBL
1.3	Power source			Battery	Battery
1.4	Operator type			Pedestrian	Pedestrian
1.5	Load capacity	Q	kg	1500	2000
1.6	Load center distance	c	mm	600	600
1.8	Load wheel axle to fork face (forks lowered)	x	mm	950/1020	950/1020
1.9	Wheelbase	y	mm	1195/1265	1195/1265
WEIGHT					
2.1b	Truck weight without load, with maximum battery weight			135	140
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side			665 / 970	870 / 1270
2.3	Axle loadings without load & with maximum battery weight, drive / load side			95 / 40	98 / 42
WHEELS, DRIVE TRAIN					
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			P	P
3.2	Tyre dimensions, drive side	mm		210 x 70	210 x 70
3.3	Tyre dimensions, load side	mm		80x70 (Tandem) 80x93 (Single)	80x70 (Tandem) 80x93 (Single)
3.4	Castor wheel dimensions (diameter x width)	mm		60x35 (Option)	60x35 (Option)
3.5	Number of wheels, load / drive side (x = driven)			1x2(1x2(
3.6	Track width (center of tyres), drive side	b10	mm	460	460
3.7	Track width (center of tyres), load side	b11	mm	390/520	390/520
DIMENSIONS					
4.4	Lift height	h3	mm	110	110
4.9	Height of tiller arm / steering console (min./max.)	h7	mm	650/1135	650/1135
4.15	Fork height, fully lowered	h13	mm	80	80
4.19	Overall length	l1	mm	1545	1545
4.20	Length to fork face	l2	mm	395	395
4.21	Overall width	b1/b2	mm	550	550
4.22	Fork dimensions (thickness, width, length)	s/e/l	mm	70/160/1150	70/160/1150
4.25	Outside width over forks (minimum / maximum)	b5	mm	550	550
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	mm	27	27
4.33a	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise	Ast	mm	2150	2150
4.33b	Working aisle width (Ast3) with 1000 x 1200 mm pallets, load crosswise	Ast3	mm		
4.33c	Working aisle width (Ast) with 1000 x 1200 mm pallets, load crosswise, platform up/down	Ast	mm		
4.34a	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise	Ast	mm	2015	2015
4.34b	Working aisle width (Ast3) with 800 x 1200 mm pallets, load lengthwise	Ast3	mm		
4.35c	Working aisle width (Ast) with 800 x 1200 mm pallets, load lengthwise, platform up/down	Ast	mm		
4.35	Turning radius	Wa	mm	1345	1345
PERFORMANCE					
5.1	Travel speed, with / without load	km/h		4.3/4.5	4.6/4.8
5.2	Lifting speed, with / without load	m/s		0.025/0.030	0.020/0.025
5.3	Lowering speed, with / without load	%		0.035/0.025	0.035/0.025
5.8	Maximum gradeability with / without load	s		5 / 20	6 / 20
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)				Electric
ELECTRIC MOTORS					
6.1	Drive motor capacity (60 min. short duty)	kW		0.75	1
6.2	Lift motor output at 15% duty factor	kW		0.8	0.8
6.4	Battery voltage/capacity at 5-hour discharge	V/Ah		24 / 25	48 / 20
6.5	Battery weight	kg		9	10
6.6b	Energy consumption according to VDI 60 cycle	kWh / h			
MISCELLANEOUS					
8.1	Type of drive control			Stepless	Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ	dB (A)			
10.7.1	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, drive/lift/idle LpAZ	dB (A)		70	70
10.7.3	Hand-arm vibration (EN 13 059:2002)				

ESSENTIAL PBP15 - 20QBL PEDESTRIAN POWER PALLET TRUCK

1.5 - 2.0 tonnes

