

Electric Counterbalance • 3 & 4 Wheel Pneumatic Tyres 48 Volt • **1.3 – 2.0 tonnes**

FB13PNT FB15PNT FB16CPNT FB16PNT FB18CPNT FB18PNT FB16CPN FB16CPN FB16CPN FB18CPN FB18CPN FB18CPN FB18PN FB20PN

Effortless ease... total control

Over 20 years of independent tests don't lie. The single most important factor in increasing the productivity of a forklift truck is 'driveability'. It results from a combination of characteristics that allow the operator to be at one with the machine. Almost without thinking. Entirely without surprises. Totally in control. This is what drives our designers... and now brings you EDIA EM – our latest series of 1.3 to 2.0 tonne, 48V, 3 and 4 wheel electric counterbalance forklift trucks.

Smooth, quiet and highly responsive electric steering, matched with user-friendly hydraulics, gives a sense of effortless control and makes operation a pleasure. Space, comfort, intuitively placed controls, easy access and clear views in all directions are built into the design. A host of safety features boost confidence still further – allowing your operator to focus entirely on delivering the goods.

Operator compartment and controls

- Market-leading ErgoCentric design results in large, flat, uncluttered floor space, exceptionally large 'entry window' with deep, wide step and convenient grab bar, user-friendly controls, practical layout and great all-round visibility.
- FeatherTouch steering wheel maximises control, confidence and comfort, thanks to small size, low-effort operation and force feedback.
- Multi-function colour display provides highly visible readouts, even in bright sunlight, keeping operator fully informed of programmed settings, performance, condition and faults.
- Ergonomic hydraulic levers give a strong sense of touch, as well as control of speed, even if operator wears gloves.
- Optional fingertip hydraulic control unit with fully adjustable armrest (an awardwinning concept) allows effortless precision
- Low-noise technology reduces average sound level at operator's ear to a marketleading 66 dB(A) for 3 wheel and 67 dB(A) for 4 wheel models.
- High-quality VersaCab factory-fitted panel cabin options include unique, award-winning, deterioration-resistant hivis overhead guard roof, glass windows with wash/wipe, PVC or steel doors and heating.





Electric Counterbalance

3 Wheel Pneumatic Tyres • 48 Volt AC Power • 1.3 – 2.0 tonnes

	Characteristics									
1.1	Manufacturer (abbreviation)			Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
1.2	Manufacturer's model designation			FB13PNT	FB15PNT	FB16CPNT	FB16PNT	FB18CPNT	FB18PNT	FB20PNT
1.3	Power source: (battery, diesel, LP gas, petrol)			Electric	Electric	Electric	Electric	Electric	Electric	Electric
1.4	Operator type: pedestrian, (operator)-standing, -seated			Seated	Seated	Seated	Seated	Seated	Seated	Seated
1.5	Load capacity	Q	kg	1,300	1,500	1,600	1600	1800	1800	2000
1.6	Load centre distance	С	(mm)	500	500	500	500	500	500	500
1.8	Load distance, axle to fork face	Х	(mm)	373	373	373	373	373	373	384
1.9	Wheelbase	у	(mm)	1285	1285	1395	1505	1395	1505	1505
	Weight									
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	2779	2972	3034	3134	3134	3227	3459
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)		kg	3564/515	3897/575	4053/581	4068/666	4378/556	4383/644	4759/700
2.3	Axle loading without load, front/rear (simplex mast, lowest lift height)		kg	1381/1398	1378/1594	1451/1583	1540/1594	1452/1683	1539/1688	1584/1875
0.4	Wheels, Drive Train Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear	1		SE / SE	SE / SE	SE / SE	SE / SE	SE / SE	SE / SE	SE / SE
3.1	Tyre dimensions, front			18x7-8	18x7-8	18x7-8	18x7-8	18x7-8	18x7-8	200/50-10
3.2	Tyre dimensions, rear			140/55-9	140/55-9	140/55-9	140/55-9	140/55-9	140/55-9	140/55-9
3.3 3.5	Number of wheels, front/rear (x=driven)			2x/2	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
3.6	Track width (centre of tyres), front	b10	(mm)	920	920	920	920	920	920	938
3.7	Track width (centre of tyres), rear	b11	(mm)	174	174	174	174	174	174	174
0.7	Dimensions		()							
4.1	Mast tilt, forwards/backwards		∝/B	5/7.5	5/7.5	5/7.5	5/7.5	5/7.5	5/7.5	5/7.5
4.2	Height with mast lowered (see tables)	h1	(mm)	2125	2125	2125	2125	2125	2125	2125
4.3	Free lift (see tables)	h2	(mm)	80	80	80	80	80	80	80
4.4	Lift height (see tables)	h3	(mm)	3290	3290	3290	3290	3290	3290	3290
4.5	Overall height with mast raised	h4	(mm)	4342	4342	4342	4342	4342	4342	4342
4.7	Height to top of overhead guard	h6	(mm)	2050	2050	2050	2050	2050	2050	2050
4.8	Seat height	h7	(mm)	974	974	974	974	974	974	974
4.12	Tow coupling height	h10	(mm)	575	575	575	575	575	575	575
4.19	Overall length	1	(mm)	2998	2998	3108	3218	3108	3218	3229
4.20	Length to fork face (includes fork thickness)	12	(mm)	1848	1848	1958	2068	1958 1090	2068 1090	2079 1140
4.21	Overall width	b1/b2	(mm)	1090	1090 35x100x1150	1090	1090	35x100x1150	35x100x1150	35x100x1150
4.22	Fork dimensions (thickness, width, length)	s/e/I	(111111)	35x100x1150	35X100X1150 2A	35x100x1150 2A	35x100x1150 2A	35X100X1150 2A	35X100X1150 2A	35X100X1150 2A
4.23 4.24	Fork carriage to DIN 15 173 A/B/no Fork carriage width	b3	(mm)	2A 920	920	920	920	920	920	920
4.24	Ground clearance under mast, with load	m1	(mm)	95	95	95	95	95	95	95
4.32	Ground clearance at centre of wheelbase, with load (forks lowered)	m2	(mm)	85	85	85	85	85	85	85
4.33	Working aisle width with 1000 x1200 mm pallets, crosswise	Ast	(mm)	3173	3173	3283	3393	3283	3393	3403
4.34	Working aisle width with 800 x1200 mm pallets, crosswise	Ast	(mm)	2993	2993	3103	3213	3103	3213	3222
4.35	Turning circle radius	Wa	(mm)	1475	1475	1585	1695	1585	1695	1695
4.36	Minimum distance between centres of rotation	b13	(mm)	0	0	0	0	0	0	0
	Performance									
5.1	Travel speed, with/without load		km/h	16 / 16	16 / 16	16 / 16	16 / 16	16 / 16	16 / 16	16 / 16
5.2	Lifting speed, with/without load		m/s	0.5 / 0.6	0.5 / 0.6	0.5 / 0.6	0.5 / 0.6	0.44 / 0.6	0.44 / 0.6	0.4 / 0.6
5.3	Lowering speed, with/without load		m/s	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5
5.5	Rated drawbar pull, with/without load		N	2810 / 3130	2720 / 3090 11290 / 11660	2680 / 3070 12020 / 12410	2650 / 3050 12160 / 12550	2610 / 3050 11950 / 12390	2580 / 3020 12090 / 12530	2480 / 2970 11980 / 12470
5.6	Maximum drawbar pull, with/without load (5 min short duty) Gradeability, with/without load		N %	11390 / 11710 11 / 18	10 / 16	11 / 16	9 / 15	9 / 15	9 / 15	8 / 14
5.7 5.8	Electric Maximum gradeability, with/without load		% %	28 / 35	26 / 35	27 / 35	26 / 35	25 / 35	25 / 35	23 / 35
5.9	Acceleration time (10 metres) with/without load		/0 S	4.1 / 3.6	4.2 / 3.7	4.3 / 3.7	4.3 / 3.8	4.3 / 3.8	4.4 / 3.8	4.5 / 3.9
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)		- 3	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.
3.10	Electric motors									
6.1	Drive motor capacity (60 min. short duty)		kW	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2
6.2	Lift motor output at 15% duty factor		kW	11.5	11.5	11.5	11.5	11.5	11.5	11.5
6.3	Battery to DIN 43 531/35/36 A/B/C/no			DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	48V / 500Ah	48V / 500Ah	48V 625Ah	48V 750Ah	48V / 625Ah	48V / 750Ah	48V / 750Ah
6.5	Battery weight		kg	715	715	855	1025	855	855	1025
6.6	Energy consumption according to VDI 60 cycle		kWh/h	-	-	-	-			
	Miscellaneous			101	101	101	101	1 1 "	101	121
8.1	Type of drive control		b	AC transistor	AC transistor	AC transistor	AC transistor	Impulse /AC	AC transistor	AC transistor
8.2	Maximum operating pressure for attachments		bar	181	181	181	181	181	181	181
8.3	Oil flow for attachments		I/min	-	- 66	-	- 66	- 66	66	66
8.4	Noise level, value at operator's ear (EN 12053)		dB(A)	66 15170 / H	66 15170 / H	66 15170/H	66 15170/H	15170 / H	15170 / H	15170 / H
8.5	Towing coupling design / DIN type, ref.			131/U/H	131/0/ П	13170/П	13170/П	131/0/П	131/0/П	13170/П

Continuing improvement may lead to changes in these specifications.





Electric Counterbalance

4 Wheel Pneumatic Tyres • 48 Volt AC Power • 1.6 – 2.0 tonnes

	Characteristics						
1.1	Manufacturer (abbreviation)		Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
1.2	Manufacturer's model designation		FB16CPN	FB16PN	FB18CPN	FB18PN	FB20PN
1.3	Power source: (battery, diesel, LP gas, petrol)		Electric	Electric	Electric	Electric	Electric
1.4	Operator type: pedestrian, (operator)-standing, -seated		Seated	Seated	Seated	Seated	Seated
1.5	Load capacity	Q kg	1600	1600	1800	1800	2000
1.6	Load centre distance	c (mm)	500	500	500	500	500
1.8	Load distance, axle to fork face	x (mm)	373	373	373	373	384
1.0	Wheelbase	y (mm)	1446	1556	1446	1556	1556
1.9	Weight	у (ППП)	1440	1330	1440	1000	1330
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)	kg	3044	3095	3099	3161	3325
2.1	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)	kg	3999/645	4039/656	4315/584	4343/618	4693/631
2.2	Axle loading with maximum load, front/rear (simplex mast, lowest lift height)	kg	1433/1611	1541/1554	1428/1671	1533/1628	1557/1768
2.3	Wheels, Drive Train	ky	1455/1011	1941/1954	1420/1071	1555/1020	1337/1700
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front/rear		SE / SE	SE / SE	SE / SE	SE / SE	SE / SE
3.2	Tyre dimensions, front		18x7-8	18x7-8	18x7-8	18x7-8	200/50-10
	Tyre dimensions, rear		16x6-8	16x6-8	16x6-8	16x6-8	16x6-8
3.3 3.5	Number of wheels, front/rear (x=driven)		2x/2	2x/2	2x/2	2x/2	2x/2
3.6	Track width (centre of tyres), front	b10 (mm)	920	920	920	920	938
3.7	Track width (centre of tyres), nont	b10 (IIIII)	898	898	898	898	898
3.7	Dimensions	DTT (IIIII)	030	030	090	090	090
4.1	Mast tilt, forwards/backwards	α/β °	5/7.5	5/7.5	5/7.5	5/7.5	5/7.5
4.1	Height with mast lowered (see tables)	h1 (mm)	2125	2125	2125	2125	2125
	Free lift (see tables)	h2 (mm)	80	80	80	80	80
4.3	Lift height (see tables)	h3 (mm)	3290	3290	3290	3290	3290
	5 ()	` /	4342	4342	4342	4342	4342
4.5	Overall height with mast raised Height to top of overhead quard	h4 (mm) h6 (mm)	2050	2050	2050	2050	2050
4.7	Seat height	` ′	974	974	974	974	974
4.8	Tow coupling height	h7 (mm) h10 (mm)	575	575	575	575	575
4.12	Overall length	I1 (mm)	3302	3412	3302	3412	3423
4.19	Length to fork face (includes fork thickness)	12 (mm)	2152	2262	2152	2262	2273
4.20 4.21	Overall width	b1/b2 (mm)	1090	1090	1090	1090	1140
4.21	Fork dimensions (thickness, width, length)	s/e/l (mm)	35x100x1150	35x100x1150	35x100x1150	35x100x1150	35x100x1150
4.22	Fork carriage to DIN 15 173 A/B/no	5/6/1 (IIIII)	2A	2A	2A	2A	2A
4.23		b3 (mm)	920	920	920	920	920
	Fork carriage width Ground clearance under mast, with load	· · · ·	95	95	95	95	95
4.31		` '	95 85	85	85	85	85
4.32 4.33	Ground clearance at centre of wheelbase, with load (forks lowered) Working aisle width with 1000 x1200 mm pallets, crosswise	m2 (mm) Ast (mm)	3473	3588	3473	3588	3599
	, ,	Ast (mm)	3273	3388	3273	3388	3399
4.34	Working aisle width with 800 x1200 mm pallets, crosswise Turning circle radius	Wa (mm)	1900	2015	1900	2015	2015
4.35	Minimum distance between centres of rotation	b13 (mm)	481	544	481	544	544
4.36	Performance	DIS (IIIII)	401	344	401	544	344
5.1	Travel speed, with/without load	km/h	17 / 17	17 / 17	17 / 17	17 / 17	17 / 17
5.1 5.2	Lifting speed, with/without load	m/s	0.5 / 0.6	0.5 / 0.6	0.44 / 0.6	0.44 / 0.6	0.4 / 0.6
5.3	Lowering speed, with/without load	m/s	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.52 / 0.5	0.47 0.0
5.5	Rated drawbar pull, with/without load	N N	2680 / 3070	2660 / 3060	2610 / 3060	2600 / 3040	2510 / 3000
5.6	Maximum drawbar pull, with/without load (5 min short duty)	N	12020 / 12410	12170 / 12560	11950 / 12400	12110/12550	1202 /12510
5.7	Gradeability, with/without load	%	10 / 16	9 / 16	9 / 16	9/15	8 / 14
5.8	Maximum gradeability, with/without load	%	27 / 35	27 / 35	25 / 35	25/35	23 / 35
5.9	Acceleration time (10 metres) with/without load	s s	4.3 / 3.7	4.3 / 3.7	4.3 / 3.7	4.4 / 3.8	4.4 / 3.8
5.10	Service brakes (mechanical/hydraulic/electric/pneumatic)	3	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.	Mech./hydr.
5.10	Electric motors		McGn./nyui.	ivicon./flyul.	Medi./ffydi.	iween./nyui.	iviecii./Tiyui.
6.1	Drive motor capacity (60 min. short duty)	kW	4.5x2	4.5x2	4.5x2	4.5x2	4.5x2
6.2	Lift motor output at 15% duty factor	kW	11.5	11.5	11.5	11.5	11.5
6.3	Battery to DIN 43 531/35/36 A/B/C/no	IVAA	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A
6.4	Battery voltage/capacity at 5-hour discharge	V/Ah	48V / 625Ah	48V / 750Ah	48V / 625Ah	48V / 750Ah	48V / 750Ah
6.5	Battery weight	kg	855	1025	855	1025	1025
6.6	Energy consumption according to VDI 60 cycle	kWh/h		1020	000	1020	1320
0.0	Miscellaneous	KVVII/II					
8.1	Type of drive control		AC transistor	AC transistor	AC transistor	AC transistor	AC transistor
8.2	Maximum operating pressure for attachments	bar	181	181	181	181	181
8.3	Oil flow for attachments	I/min	-	-	-	-	-
8.4	Noise level, value at operator's ear (EN 12053)	dB(A)	67	67	67	67	67
8.5	Towing coupling design / DIN type, ref.	UD(A)	15170 / H	15170 / H	15170 / H	15170 / H	15170 / H
1 (1)	Towning doupling dought / Dire type, Tel.		10170711	10170711	10110711	10170711	10170711







Easy on/off access



Lateral battery exchange



Large floor space



Multi-function display



Ergonomic control layout

EDÍA EM

THE ELECTRIC DIAMOND

EDIA stands for environmentally friendly electric energy and for the quality and enduring value of a diamond.

EDIA brilliantly combines the latest electronic technology with ErgoCentric design to create a whole new level of confidence and intuitive driveability.

Continuing improvement may lead to changes in these specifications.





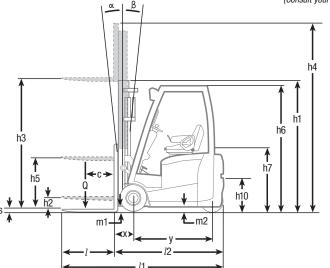
Electric Counterbalance

3 Wheel Pneumatic Tyres • 48 Volt AC Power • 1.3 – 2.0 tonnes

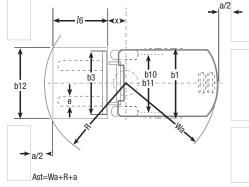
Mast Performance and Capacity

		FB13PNT	- FB20PNT	•	FB13PNT	FB15PNT	FB16CPNT	FB18CPNT	FB16PNT	FB18PNT	FB20PNT
	h3	h1	h4	h2 / h5	Q @	Q @	Q @	Q @	Q @	Q @	Q @
Mast					c=500 mm						
Туре	mm	mm	mm	mm	kg						
	2000	1480*	3045	80	1300	1500	1600	1800	1600	1800	2000
	2560	1760*	3605	80	1300	1500	1600	1800	1600	1800	2000
	2760	1860*	3805	80	1300	1500	1600	1800	1600	1800	2000
	3000	1980*	4045	80	1300	1500	1600	1800	1600	1800	2000
	3290	2125	4335	80	1300	1500	1600	1800	1600	1800	2000
Cimpley	3530	2245	4575	80	1300	1500	1600	1800	1600	1800	2000
Simplex	3720	2385	4765	80	1300	1500	1600	1800	1600	1800	2000
	4090	2570	5135	80	1300	1500	1600	1750	1600	1800	2000
	4480	2775	5525	80	1275	1475	1600	1700	1600	1800	2000
	5000	3035	6045	80	1200	1400	1525	1625	1600	1750	1925
	5500	3285	6545	80	1125	1325	1425	1550	1500	1675	1850
	6000	3535	7045	80	1050	1250	1300	1425	1400	1550	1650
	2800	1880*	3845	835	1300	1500	1600	1800	1600	1800	2000
	3000	1980*	4045	935	1300	1500	1600	1800	1600	1800	1650 2000 2000 2000 2000
Duplex	3295	2125	4340	1080	1300	1500	1600	1800	1600	1800	2000
Duplex	3515	2245	4560	1200	1300	1500	1600	1800	1600	1800	2000
	3700	2385	4745	1340	1300	1500	1600	1800	1600	1800	2000
	4030	2570	5075	1525	1300	1500	1600	1750	1600	1800	2000
	3710	1780*	4755	735	1300	1500	1600	1800	1600	1800	Q @ c=500 mm kg 2000 2000 2000 2000 2000 2000 2000 2
	4010	1880*	5055	835	1300	1500	1600	1750	1600	1800	2000
	4310	1980*	5355	935	1275	1475	1600	1725	1600	1800	kg 2000 2000 2000 2000 2000 2000 2000 20
	4750	2125	5795	1080	1225	1425	1550	1650	1600	1800	2000
Triplex	5090	2245	6135	1200	1175	1375	1500	1600	1600	1775	1900
	5490	2385	6535	1340	1125	1325	1450	1550	1550	1675	
	5990	2570	7035	1525	1075	1275	1375	1375	1450	1500	1650
	6490	2830	7535	1785	950	1050	1050	1050	1175	1175	
	7000	3035	8045	1990	725	725	725	725	850	850	1100

(Consult your distributor for the maximum back tilt allowed to obtain the capacities specified) * lower than overhead quard



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



Working aisle width with loadSafety clearance (200 mm)

I6 = Pallet length (800 or 1000 mm) b12 = Pallet width (1200 mm)

Integrated Presence System 2 (IPS2)



Hydraulic and travel interlock systems prevent all movement if the driver is not seated. Automatic warnings remind the driver to fasten the seatbelt and apply the parking brake. An electronic parking brake automatically activates when the driver leaves the seat.

The term 'Integrated Presence System' (IPS) is intended as a trading style, only to describe a number of design features on the Mitsubishi trucks to which IPS is applied. It does not imply that the truck can be driven without appropriate operator training and without due care and attention. The manufacturer (MCFE, Almere, the Netherlands) cannot accept any responsibility for any accidents or damage caused by incorrect or dangerous use of its equipment.



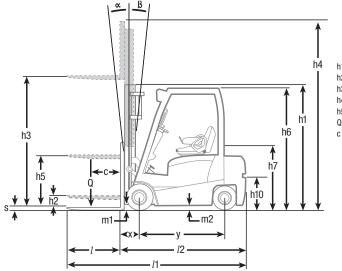
Electric Counterbalance

4 Wheel Pneumatic Tyres • 48 Volt AC Power • 1.6 – 2.0 tonnes

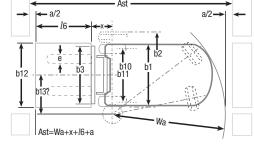
Mast Performance and Capacity

		FB16CPN •	FB20PN		FB16CPN	FB18CPN	FB16PN	FB18PN	FB20PN
	h3	h1	h4	h2 / h5	Q @	Q @	Q @	Q @	Q @
					c=500 mm	c=500 mm	c=500 mm	c=500 mm	c=500 mm
туре	mm	mm	mm	mm	kg	kg	kg	kg	kg
	2000	1480*	3040	80	1600	1800	1600	1800	2000
	2560	1760*	3605	80	1600	1800	1600	1800	2000
	2760	1860*	3805	80	1600	1800	1600	1800	2000
Mast Type Simplex Duplex	3000	1980*	4045	80	1600	1800	1600	1800	2000
	3290	2125	4335	80	1600	1800	1600	1800	2000
Cimploy	3530	2245	4575	80	1600	1800	1600	1800	2000
Simplex	3720	2385	4765	80	1600	1800	1600	1800	2000
	4090	2570	5135	80	1600	1800	1600	1800	2000
	4480	2775	5525	80	1600	1775	1600	1800	2000
	5000	3035	6045	80	1600	1700	1600	1775	1925
	5500	3285	6545	80	1550	1625	1600	1725	1850
	6000	3535	7045	80	1200	1200	1325	1325	1750
	2800	1880*	3845	835	1600	1800	1600	1800	2000
	3000	1980*	4045	935	1600	1800	1600	1800	kg 2000 2000 2000 2000 2000 2000 2000 20
Dunloy	3295	2125	4340	1080	1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1800 1600 1600 1775 1600 1600 1700 1600 1550 1625 1600 1200 1200 1325 5 1600 1800 1600 0 1600 1800 1600 0 1600 1800 1600 0 1600 1800 1600 0 1600 1800 1600 5 1600 1800 1600 5 1600 1800 1600 5 1600 1800 1600 5 1600 1800 1600 5 1600 1800 1600	1800	2000		
Duplex	3515	2245	4560	1200	1600	1800	1600	1800	2000
	3700	2385	4745	1340	1600	1800	1600	1800	2000
Simplex	4030	2570	5075	1525	1600	1800	1600	1800	2000
	3710	1780*	4755	735	1600	1800	1600	1800	2000
	4010	1880*	5055	835	1600	1800	1600	1800	Q Q Q 0 mm c=500 mm kg 00 2000 000 2000
	4310	1980*	5355	935	1600	1775	1600	1800	
	4750	2125	5795	1080	1600	1725	1600	1800	
Triplex	5090	2245	6135	1200	1600	1675	1600	1750	1900
	5490	2385	6535	1340	1550	1625	1600	1700	1850
	5990	2570	7035	1525	1275	1275	1400	1400	1775
	6490	2830	7535	1785	900	900	1025	1025	1325
	7000	3035	8045	1990	625	625	750	750	1000

(Consult your distributor for the maximum back tilt allowed to obtain the capacities specified) * lower than overhead guard



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



= Working aisle width with load

= Safety clearance (200 mm) = Pallet length (800 or 1000 mm)

b12 = Pallet width (1200 mm)

Controlled Cornering System (CCS)



Sensors measure the angle of turn and a safe speed limit is computed. Drive motor speed is continually adjusted as the angle changes. Normal speed quickly resumes as the course straightens.

IPX4



Indicates waterproofing of the truck's components to a specification sufficient for operation in a range of wet conditions, including wind-blown rain and water splashed from any direction.

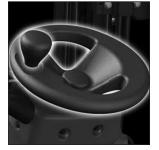




Effortless fingertip controls



Rapid service access



FeatherTouch electric steering

Frame and body

Low centre of gravity ensures the best residual capacities in the market.

Mast and fork assembly

Exceptional visibility through a wide range of high-strength, clear-view masts allows handling with total confidence.

Drive

Efficient drive (and lift) motors combine with strong regenerative braking and advanced electric steering technology to minimise energy consumption and extend shifts.

Steering system

FeatherTouch electric steering lowers energy consumption, minimises noise, allows precise, effortless control and requires almost no maintenance.

Brakes

- Wet disc brakes are perfect for wet, salty or dusty workplaces, delivering virtually maintenance-free performance and producing no particulate pollution.
- **Electronically activated** parking brake is applied automatically whenever the operator leaves the seat and can be activated manually by simply pressing a button.

- Hill hold automatically prevents accidental rolling. even on steep ramps.
- Cornering Control System (CCS) sets appropriate limits for any turning angle.

Hydraulics

Reliable lift (and drive) motors have been proven to withstand intensive work in the most demanding of applications without breakdown

Electrical and control systems

- Simple performance settings include five pre-set modes for instant programming by the driver.
- Full programmability and diagnostics via laptop connection allows precise adjustment of many parameters by service engineer to meet the exact needs of each operator and application.
- Integrated Presence System 2 (IPS2) pioneered by Mitsubishi prevents all movement of the truck and its mast if the operator is not seated.
- Versatile battery compartment accommodates DIN size batteries with a variety of capacities, for maximum compatibility with user's equipment and needs.

- Rapid lateral battery exchange option for multishift or heavy duty applications allows simple, quick, safe removal and replacement.
- Bright white halogen lights or optional LED lights - front and rear - deliver 'see-andbe-seen' safety.

Other features

- **IPX4 waterproofing** includes IP54 specification as standard for drive and hydraulic motors. allowing operation even in splashing water and windblown rain.
- RapidAccess features for easy servicing include quick-release floor plate and wide-opening battery cover.

- Load weight indicator
- Side shifters
- Fingertip hydraulic controls
- Rear grab handle with horn

Options include

- Cabin packages
- Wide-view mirror



for much more information on EDIA EM visit the microsite:

www.edia-mitsubishi.com

reliability is **everything...**

Like any product bearing the Mitsubishi name, our materials handling equipment benefits from the huge resources and cutting-edge technology of one of the world's largest corporations. So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

Every model in our comprehensive, awardwinning range of forklift trucks and warehouse equipment is built to a high specification and is designed to keep on working for you... day after day... year after year... whatever the job... whatever the conditions.



To ensure your truck stays in constant productive action, we have a network of local dealers – hand-picked for their commitment to customer care... and backed up by the Mitsubishi Forklift Trucks organisation. No matter where you are, we have a dealer close by - ready and willing to meet your needs.



That friendly local service covers everything from identifying the perfect model and configuration for your application to providing competitive, flexible finance and maintenance packages, unbeatable warranties, long and short term hire, and highly responsive field service and repairs... as well as the industry's quickest and most reliable parts supply.



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You can find your nearest dealer at www.mitforklift.com





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