

**EDiA XL**

**FB40-55(C)N(H) Series**

# ELECTRIC COUNTERBALANCE

4.0 – 5.5 tonnes

**QUIET AND STEADY  
FOR COMPLETE COMFORT AND CONTROL**

The EDiA XL benefits from revolutionary features designed to give operators greater control than ever before. Electric differential lock provides optimum traction, and Four Wheel Steering ensures better grip and precision handling. EDiA XL is also equipped with AutoBoost for extra speed and power when you need it most.

## SPECIFICATIONS

FB40N	FB50N
FB45N	FB50NH
FB50CN	FB55NH



**WHEN  
RELIABILITY IS  
EVERYTHING...**

# EDiA xL

## FB40-55(C)N(H) Series

### ELECTRIC COUNTERBALANCE

4.0 – 5.5 tonnes



It is well known that if an operator is comfortable they will be more productive. EDiA xL features a rubber-sealed cabin that minimises micro-vibrations, and the overall noise level inside the cabin is just 65dB. EDiA xL also includes AC and heater options, so temperatures can be adjusted to suit the operator. These features combine to create a stress-free environment where the operator can focus on the task at hand.

For optimal handling, EDiA xL has dual joysticks that offer simultaneous lift and tilt functions, as well as Adaptive Lift Control (ALC) for added stability and little chassis movement when lowering loads.

EDiA xL has the power and performance to complete any task and overcome every challenge - making it the best alternative to an IC truck. EDiA xL is even proven to have the most efficient energy consumption in its class. So you keep going for longer, with zero emissions.

#### BRAKES

- **Sealed, wet-disc brakes**  
Truck uses regenerative braking in normal driving, so mechanical brakes have a long life span and are virtually maintenance-free.
- **Automatic parking brake with hill hold**  
The truck stops automatically when the accelerator is not engaged, preventing rolling on ramps. No need to remember to use a handle or switch.

#### DRIVE

- **Easy charging latch**  
Small latch on the side of the truck allows charging cable to be connected without opening the battery door.
- **Sensitive Drive System (SDS)**  
An intuitive driver-assist system for increased safety. Performance is managed according to steer angle and the velocity of foot and finger controls.
- **Intelligent Cornering System**  
The truck senses the angle of a turn and reduces speed early for maximum stability and accurate, positive cornering.
- **ECO mode**  
This mode optimises energy efficiency and gives smoother performance. Ideal for long shifts, training, new users, and part-time users.
- **PRO mode**  
This mode maximises performance parameters, giving full control to more experienced operators in intensive situations.
- **AutoBoost\***  
Acceleration and torque boost functions provide more power when needed, such as on ramps.
- **Electric differential lock\***  
When activated, both front wheels spin simultaneously, giving the truck better traction and control in slippery conditions.

#### ELECTRICAL AND CONTROL SYSTEMS

- **Emergency switch**  
Weather-protected emergency switch stops the truck.
- **Sideways battery change**  
Integrated sliding rollers offer quick and easy battery change for multi-shift operations. (Option)

#### FORKS AND MAST

- **Strong, high-visibility mast**  
Free-lift cylinder structure is optimised with hoses over chains for outstanding visibility.
- **Mechanical side shift with rollers**  
Side shifter minimises static friction and reduces sway for better control.
- **Adjustable lifting and lowering setting**  
Through the multi-functional configuration software Trucktool, the lifting and lowering functions can be adjusted.
- **Adaptive Lift Control (ALC)\***  
Allows truck to remain stable with fewer movements when lowering loads from high heights.
- **Passive Sway Control**  
Minimises mast sway, especially in high lifts above 3m.



There is more information on EDiA xL on [mitforklift.com](http://mitforklift.com)

For more extensive information please visit our website [mitforklift.com](http://mitforklift.com)



\* AutoBoost, electric differential lock, and ALC are all in-house designed 'patent pending' features.

Continuing improvement may lead to changes in these specifications

# EDiA **XL**

## FB40-55(C)N(H) Series

### ELECTRIC COUNTERBALANCE

4.0 – 5.5 tonnes



#### FRAME AND BODY

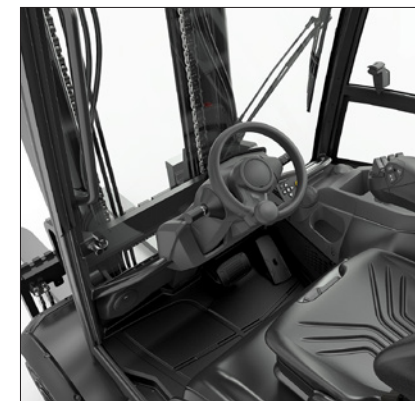
- **EasyAccess battery compartment**  
Battery door can be opened 180 degrees for quick and easy battery checks, charging and changes.
- **Battery inspection hatch**  
Operator seat can be tilted forward to give a quick and easy view of battery caps, so the battery does not need to be removed from the truck. (Option)
- **Clear cabin entry**  
Panels are curved to give optimum space for operators when entering/exiting the truck.
- **Low overhead guard**  
2220 mm high for use in and out of containers.
- **Bright working lights**  
Lights on the mast structure illuminate the load and surrounding area for good visibility, without causing reflections on the cabin windows.

#### HYDRAULICS

- **High lift traction control**  
Truck senses high lifts over 2.5m and automatically adapts load handling for steadier chassis movement.
- **Load sensing hydraulic system**  
Load handling functions react similarly to different load weights.

#### OPERATOR COMPARTMENT AND CONTROLS

- **Low Noise Lift**  
Quietest hydraulic pump on the market contributes to low overall noise level (only 65dB).
- **Comfortable cabin**  
Rubber-mounted cabin reduces micro-vibrations and AC option allows operators to adjust temperatures, ensuring compete comfort throughout a shift. (Option)
- **Rear window**  
Can be opened partially for ventilation or fully for emergency exit.
- **Four independently gliding windows**  
Rear windows can glide to the front, this helps with situations such as accessing door controls while reversing.
- **Heater and/or Air Conditioner**  
Operator can heat up or cool down the cabin as required. (Option)
- **Low windshield wiper motor**  
Operator has a good view from the middle of the mast.
- **Unparalleled 360° visibility**  
An optimised mast, wheel, dashboard and counterweight design maximises visibility to load, forks, front and rear wheels - giving safe, confident operation in tight spaces.
- **F2 button**  
This simple thumb control integrates additional key controls without taking your eyes off the load. Options include clamp release and automatic tilt centring.
- **Clear, informative display**  
Full colour and easy to read from all angles, even in direct sunlight. Perfectly positioned for at-a-glance reference, without reducing all-round visibility.
- **Touch-sensitive fingertip controls**  
Controls have a natural-feeling, spring-loaded response: press gently for finer control.
- **ErgoCentric adjustable armrest**  
This allows for a natural hand position, minimising injury and fatigue. Can be easily adjusted with one hand.
- **Fully adjustable driving position**  
Create the perfect seat, arm and steering wheel position for each operator's unique needs.
- **Plenty of storage space**  
Storage for on-board essentials, putting clipboard, mobile phone, drinks bottle and pen all easily to hand.



There is more information  
on EDiA **XL**  
on [mitforklift.com](http://mitforklift.com)

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[mft2.eu/edixl](http://mft2.eu/edixl)



# EDiA <sup>XL</sup>

## FB40-55(C)N(H) Series

### ELECTRIC COUNTERBALANCE

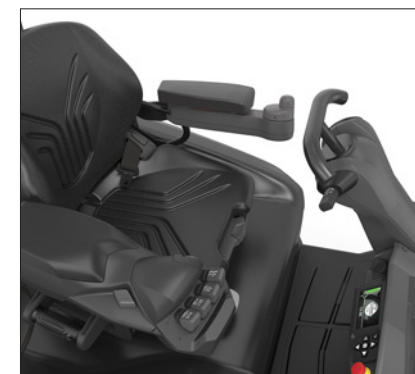
4.0 – 5.5 tonnes



- **Spacious, open cabin**  
The room means that operators of various sizes can benefit from a range of comfortable driving positions.
- **Extra-large low step**  
Entry and exit is easy and safe, thanks to a high-grip surface.
- **Long handle bar**  
Aids safer entry/exit.
- **Flat floor**  
No obstructions and plenty of room for the operator.
- **Dashboard bar**  
Easy to attach options such as monitors without blocking main display.
- **Narrow inclined dashboard**  
This enhances the driver's perception of surroundings - giving even greater visibility to the front and sides of the truck.
- **Dual joysticks**  
Dual joysticks offer simultaneous functions for lift and tilt, and settings can be customised to customer requirements.

#### STEERING SYSTEM

- **Variable steering ratio**  
Precision steering at high speeds with no need for overcorrections.
- **Four Wheel Steering (4WS)**  
Front axle drive motors turn in separate directions for better grip and precise handling. The rear axle steers through a full 100°, with dual drive motors for instant, smooth turning on the spot and no initial "push". This offers excellent manoeuvrability in tight spaces.
- **Perfectly weighted steering**  
Optimal steering wheel size with a light but firm feel gives confidence and manoeuvrability at all speeds.
- **Mini steering wheel**  
Mini steering wheel allows operators to maintain a relaxed driving position and better view, ideal for longer shifts. (Option)



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## EDIA XL OPTIONAL LI-ION BATTERY SYSTEMS

### MAKE YOUR FORKLIFT GO EVEN FURTHER



Tried, tested and proven in the field, lead-acid batteries have been the long-standing top choice for companies employing electric lift trucks. However, with long charging times, demanding maintenance requirements, the need for extra batteries and high risk of operator misuse, it can be a challenge. Fortunately, there's a new battery system on the block: Li-ion from Mitsubishi Forklift Trucks.

Designed to meet your business' demands - including multi-shift (24/7) operations - without the need for spare batteries, our high-performance Li-ion battery system is up to 30% more efficient than lead-acid counterparts. Plus, it's virtually error-proof, thanks to its ultra-low-maintenance design.

- **Gas-emission free and space efficient operation**  
with no need for air ventilation and/or closed charging room.
- **Exceptional high battery & charger efficiency**  
due to state-of-the-art technology, delivers up to 30% more power efficiency than lead-acid batteries.
- **Maintenance free design**  
Eliminates the need for daily checks and water re-fills by operator, and reduces the risk of operators damaging cells.
- **No spare batteries and charging room required**  
saves space and costs in multi-shift application to maximise profitability.
- **Quick charge capabilities**  
mean that just 15 minutes is all your battery needs to keep your truck going a few more hours. (It only takes from 1 hour to fully charge a completely discharged battery.)

- **Higher sustained voltage**  
ensures more consistent lifting and driving performance, which is particularly noticeable towards the end of a shift.
- **Active protection componentry**  
this continuously monitors the system, highlighting potential issues, including misuse.
- **High safety features include**  
Short circuit protection, deep-discharge and overcharge protection, individual cell temperature and voltage monitoring.
- **On-the-go performance and monitoring**  
is possible thanks to the system's integrated monitoring system with easy-to-read display unit.
- **Wide choice of battery and charger capacities**  
The most suitable power supply can be matched to the exact requirements of a specific application.



#### Fully integrated Li-ion battery

Features a sophisticated CANbus communication and an automatic ON/OFF synchronization between battery and truck. Battery level, notifications and alarms are integrated into the truck display, to secure clear and easy overview for the truck operator.

#### There is more information on Li-ion on [mitforklift.com](http://mitforklift.com)

For more extensive information please visit our website [mitforklift.com](http://mitforklift.com)



Li-ion battery option is available in selected regions.

Continuing improvement may lead to changes in these specifications

[mft2.eu/ion](http://mft2.eu/ion)

# VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks Mitsubishi Forklift Trucks Mitsubishi Forklift Trucks		
1.1	Manufacturer (abbreviation)			FB40N	FB45N	FB50CN
1.2	Manufacturer's model designation			Battery	Battery	Battery
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated					
1.5	Load capacity	Q	kg	4000	4500	4990
1.6	Load center distance	c	mm	500	500	500
1.8	Load distance, axle to fork face	x	mm	540	540	540
1.9	Wheelbase	y	mm	1946	1946	1946
WEIGHT						
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	7290	7648	7991
2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)		kg	10040 / 1250	10795 / 1353	11574 / 1417
2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)		kg	3902 / 3388	3890 / 3758	3902 / 4089
WHEELS, DRIVE TRAIN						
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front / rear			SE	SE	SE
3.2	Tyre dimensions, front			250x15 (710)	250x15 (710)	355 / 50-15 (710)
3.3	Tyre dimensions, rear			7.00x12 (650)	7.00x12 (650)	7.00x12 (650)
3.5	Number of wheels, front / rear (x=driven)			2X / 2	2X / 2	2X / 2
3.6	Truck width (center of tyres), front	b10	mm	1143	1143	1154
3.7	Truck width (center of tyres), rear	b11	mm	1169	1169	1169
DIMENSIONS						
4.1	Mast tilt, forwards / backwards	$\alpha / \beta$	°	6 / 8	6 / 8	6 / 8
4.2	Height with mast lowered (see tables)	h1	mm	2420	2420	2420
4.3	Free lift (see tables)	h2	mm	150	150	150
4.4	Lift height (see tables)	h3	mm	3300	3300	3300
4.5	Overall height with mast raised	h4	mm	4205	4205	4205
4.7	Height to top of overhead guard	h6	mm	2340	2340	2340
4.8	Seat height	h7	mm	1320	1320	1320
4.12	Tow coupling height	h10	mm	675	675	675
4.19	Overall length	l1	mm	4025	4025	4025
4.20	Length to fork face (includes fork thickness)	l2	mm	2825	2825	2825
4.21	Overall width	b1/b2	mm	1370	1370	1450
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	50 / 150 / 1200	50 / 150 / 1200	50 / 150 / 1200
4.23	Fork carriage to DIN 15 173 A/B/no			3A	3A	3A
4.24	Fork carriage width	b3	mm	1190	1190	1190
4.31	Ground clearance under mast, with load	m1	mm	150	150	150
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	150	150	150
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	4125	4125	4125
4.34a	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	3938	3938	3938
4.34b	Working aisle width with 800 x 1200 mm pallets, lengthwise	Ast	mm	4264	4264	4264
4.35	Turning circle radius	Wa	mm	2289	2289	2289
4.36	Minimum distance between centers of rotation	b13	mm	49	49	49
PERFORMANCE						
5.1	Travel speed, with / without load	km/h		18 / 20	18 / 20	18 / 20
5.2	Lifting speed, with / without load	m/s		0.41 / 0.53	0.38 / 0.53	0.35 / 0.53
5.3	Lowering speed, with / without load	m/s		0.53 / 0.51	0.52 / 0.51	0.52 / 0.51
5.5	Rated drawbar pull, with / without load	N		16000 / 16400	16800 / 17700	16800 / 17700
5.6	Maximum drawbar pull, with / without load (5 min short duty)	N		17300 / 18400	17300 / 18400	17300 / 18400
5.7	Gradeability, with / without load	%		15 / 23	15 / 23	14 / 22
5.8	Maximum gradeability, with / without load	%		15.8 / 26.6	15.6 / 23.7	14.6 / 22.6
5.9	Acceleration time (10 metres) with / without load	s		4.6 / 3.9	4.7 / 3.9	4.8 / 4.0
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Hydraulic	Hydraulic	Hydraulic
ELECTRIC MOTORS						
6.1	Drive motor capacity (60 min. short duty)	kW		2x16	2x16	2x16
6.2	Lift motor output at 15% duty factor	kW		34	34	34
6.3	Battery to DIN 43 531 / 35 / 36 A/B/C/no			DIN 43 536/A	DIN 43 536/A	DIN 43 536/A
6.4	Battery voltage/capacity at 5-hour discharge	V/Ah		80 / 775	80 / 775	80 / 775
6.5	Battery weight	kg		1863	1863	1863
6.6a	Energy consumption according to DIN EN 16796	kWh / h		10.2 <sup>1)</sup>	10.6 <sup>1)</sup>	11.0 <sup>1)</sup>
MISCELLANEOUS						
8.1	Type of drive control			AC	AC	AC
10.1	Maximum operating pressure for attachments	bar		210	210	210
10.2	Oil flow for attachments	l/min		45	45	45
10.7	Noise level, value at operator's ear (EN 12053)	dB(A)		65	65	65
10.8	Towing coupling design / DIN type, ref.			15 170	15 170	15 170

**EDIA XL**

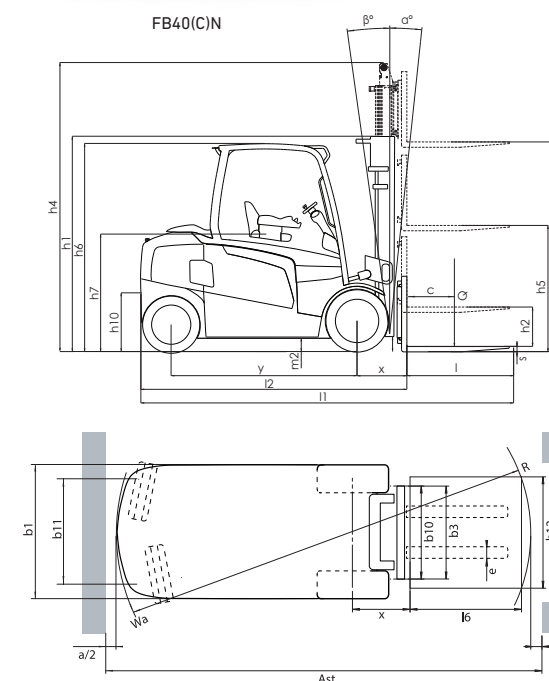
**FB40-50(C)N Series**

**ELECTRIC COUNTERBALANCE**

4.0 - 5.0 tonnes



FB40(C)N



$Ast = Wa + R + a$   
 $Ast$  = Working aisle width with load  
 $Wa$  = Turning radius  
 $a$  = Safety clearance = 2 x 100 mm  
 $R = \sqrt{(l6 + x)^2 + (b12 / 2 - b13)^2}$   
 $b12$  = Pallet width (1200 mm)

$h1$  = 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)

- 1) Measured with 60 cycles test  
 2) Measured with 45 cycles test

# VDI - PERFORMANCE & DIMENSIONS

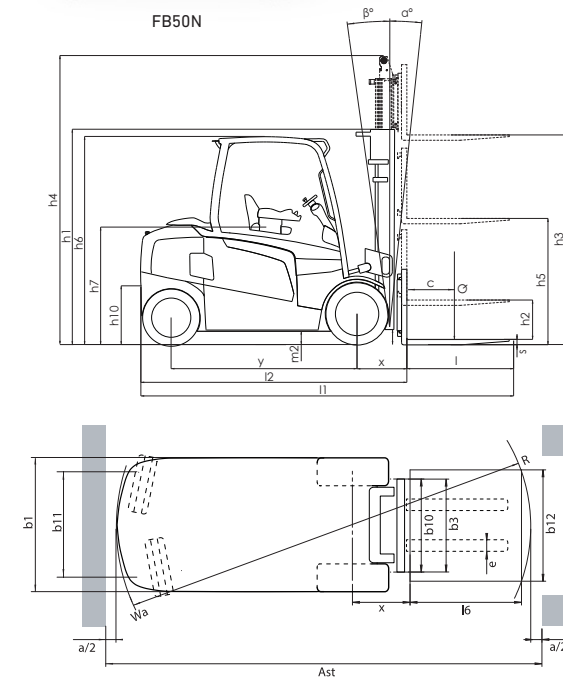
CHARACTERISTICS				Mitsubishi Forklift Trucks		
1.1	Manufacturer (abbreviation)			FB50N	FB50NH	FB55NH
1.2	Manufacturer's model designation			Battery	Battery	Battery
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated					
1.5	Load capacity	Q	kg	4990	5000	5500
1.6	Load center distance	c	mm	500	600	600
1.8	Load distance, axle to fork face	x	mm	540	560	560
1.9	Wheelbase	y	mm	2090	2090	2090
WEIGHT						
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	8347	8472	8711
2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)		kg	11563 / 1784	12009 / 1463	12799 / 1412
2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)		kg	4075 / 4272	4234 / 4238	4246 / 4465
WHEELS, DRIVE TRAIN						
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front / rear			SE	SE	SE
3.2	Tyre dimensions, front			355 / 50-15 (710)	355 / 50-15 (710)	355 / 50-15 (710)
3.3	Tyre dimensions, rear			7.00x12 (650)	7.00x12 (650)	7.00x12 (650)
3.5	Number of wheels, front / rear (x=driven)			2X / 2	2X / 2	2X / 2
3.6	Truck width (center of tyres), front	b10	mm	1154	1154	1154
3.7	Truck width (center of tyres), rear	b11	mm	1169	1169	1169
DIMENSIONS						
4.1	Mast tilt, forwards / backwards	$\alpha / \beta$	°	6/8	6/8	6/8
4.2	Height with mast lowered (see tables)	h1	mm	2420	2420	2420
4.3	Free lift (see tables)	h2	mm	150	160	160
4.4	Lift height (see tables)	h3	mm	3300	3300	3300
4.5	Overall height with mast raised	h4	mm	4205	4345	4345
4.7	Height to top of overhead guard	h6	mm	2340	2340	2340
4.8	Seat height	h7	mm	1320	1320	1320
4.12	Tow coupling height	h10	mm	675	675	675
4.19	Overall length	l1	mm	4170	4190	4190
4.20	Length to fork face (includes fork thickness)	l2	mm	2970	2990	2990
4.21	Overall width	b1/b2	mm	1450	1450	1450
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	50 / 150 / 1200	60 / 150 / 1200	60 / 150 / 1200
4.23	Fork carriage to DIN 15 173 A/B/no			3A	4A	4A
4.24	Fork carriage width	b3	mm	1190	1190	1190
4.31	Ground clearance under mast, with load	m1	mm	150	150	150
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	150	150	150
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	4273	4291	4291
4.34a	Working aisle width with 800 x 1200 mm pallets, crosswise	Ast	mm	4086	4104	4104
4.34b	Working aisle width with 800 x 1200 mm pallets, lengthwise	Ast	mm	4412	4439	4439
4.35	Turning circle radius	Wa	mm	2434	2434	2434
4.36	Minimum distance between centers of rotation	b13	mm	49	49	49
PERFORMANCE						
5.1	Travel speed, with / without load	km/h		18 / 20	18 / 20	18 / 20
5.2	Lifting speed, with / without load	m/s		0.35 / 0.53	0.35 / 0.53	0.32 / 0.53
5.3	Lowering speed, with / without load	m/s		0.52 / 0.51	0.52 / 0.51	0.51 / 0.51
5.5	Rated drawbar pull, with / without load	N		17600 / 18100	17500 / 17700	17600 / 18000
5.6	Maximum drawbar pull, with / without load (5 min short duty)	N		21500 / 22600	21500 / 22600	21500 / 22600
5.7	Gradeability, with / without load	%		14 / 22	13.5 / 21.5	13 / 21
5.8	Maximum gradeability, with / without load	%		16.6 / 28.7	16.5 / 28.2	16.4 / 27.3
5.9	Acceleration time (10 metres) with / without load	s		4.6 / 4.1	4.7 / 4.1	4.8 / 4.1
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Hydraulic	Hydraulic	Hydraulic
ELECTRIC MOTORS						
6.1	Drive motor capacity (60 min. short duty)	kW		2x16	2x16	2x16
6.2	Lift motor output at 15% duty factor	kW		34	34	34
6.3	Battery to DIN 43 531 / 35 / 36 A/B/C/no			DIN 43 536/A	DIN 43 536/A	DIN 43 536/A
6.4	Battery voltage/capacity at 5-hour discharge	V/Ah		80 / 930	80 / 930	80 / 930
6.5	Battery weight	kg		2178	2178	2178
6.6a	Energy consumption according to DIN EN 16796	kWh / h		11.2 <sup>1)</sup>	7.8 <sup>2)</sup>	8.2 <sup>2)</sup>
MISCELLANEOUS						
8.1	Type of drive control			AC	AC	AC
10.1	Maximum operating pressure for attachments	bar		210	210	210
10.2	Oil flow for attachments	l/min		45	45	45
10.7	Noise level, value at operator's ear (EN 12053)	dB(A)		65	65	65
10.8	Towing coupling design / DIN type, ref.			15 170	15 170	15 170

**EDIA XL**

**FB50-55N(H) Series**

**ELECTRIC COUNTERBALANCE**

5.0 - 5.5 tonnes



Ast	=	Wa + R + a	h1	Height with mast lowered
Ast	=	Working aisle width with load	h2	Standard free lift
Wa	=	Turning radius	h3	Lift height
a	=	Safety clearance = 2 x 100 mm	h4	Height with mast raised
R	=	$\sqrt{(l6 + x)^2 + (b12 / 2 - b13)^2}$	h5	Full free lift
b12	=	Pallet width (1200 mm)	Q	Lifting capacity, rated load
			c	Load centre (distance)

1) Measured with 60 cycles test

2) Measured with 45 cycles test

# MAST PERFORMANCE AND CAPACITY

EDIA XL

## FB40-55(C)N(H) Series

FB40N / FB45N / FB50CN / FB50N							FB40N		FB45N		FB50CN		FB50N	
MAST TYPE	h3 mm	h1 mm	h4 mm	h2 / h5** mm	Tilt angle fwd/rew		Q@ c=500 mm kg	Q@ c=600 mm kg	Q@ c=500 mm kg	Q@ c=600 mm kg	Q@ c=500 mm kg	Q@ c=600 mm kg	Q@ c=500 mm kg	Q@ c=600 mm kg
					STD	Cabin								
SIMPLEX	3050	2270*	3905	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	3350	2420	4205	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	3550	2520	4405	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	3750	2620	4605	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	4050	2870	4905	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	4550	3120	5405	150	6 - 8	6 - 8	4000	4000	4500	4500	5000	4825	5000	4825
	5050	3370	5905	150	6 - 8	6 - 8	4000	3900	4500	4350	5000	4775	5000	4825
	5550	3620	6405	150	6 - 8	6 - 8	4000	3775	4500	4225	4975	4625	5000	4825
TRIPLEX	6050	3870	6905	150	6 - 8	6 - 8	3925	3650	3900	3875	4775	4500	4950	4825
	3750	2070*	4627	1193	6 - 8	6 - 6	4000	4000	4500	4475	5000	4825	5000	4825
	4090	2190*	4967	1313	6 - 8	6 - 6	4000	4000	4500	4475	5000	4825	5000	4825
	4360	2280*	5237	1403	6 - 8	6 - 8	4000	4000	4500	4475	5000	4825	5000	4825
	4550	2340*	5427	1463	6 - 8	6 - 8	4000	3975	4500	4450	5000	4825	5000	4825
	4800	2420	5677	1543	6 - 8	6 - 8	4000	3925	4500	4400	5000	4800	5000	4825
	5100	2520	5977	1643	6 - 8	6 - 8	4000	3850	4500	4300	5000	4725	5000	4825
	5550	2670	6427	1793	6 - 8	6 - 8	4000	3750	4500	4200	4950	4600	5000	4825
	6050	2870	6927	1993	6 - 8	6 - 8	3875	3600	4025	4000	4775	4425	5000	4825
	6550	3070	7427	2193	6 - 8	6 - 8	3600	3475	3075	3050	3725	3675	3900	3875
	7050	3270	7927	2393	6 - 8	6 - 8	2850	2825	2425	2425	2875	2825	3075	3050

Standard lifting carriage, Forks L1000, L1100, L1150 and L1200

\* Lower than overhead guard

\*\* h5 does not include load backrest (with load backrest it is 207mm smaller).

FB50NH / FB55NH							FB50NH		FB55NH		
MAST TYPE	h3 mm	h1 mm	h4 mm	h2 / h5 mm	Tilt angle fwd/rew		Q@ c=600 mm kg	Q@ c=600 mm kg	Q@ c=600 mm kg	Q@ c=600 mm kg	Q@ c=600 mm kg
					STD	Cabin					
SIMPLEX	3060	2270*	4045	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	3360	2420*	4345	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	3560	2520	4545	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	3760	2620	4745	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	4060	2870	5045	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	4560	3120	5545	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	5060	3370	6045	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
	5560	3620	6545	160	6 - 8	6 - 8	5000	5500	5000	5500	5500
TRIPLEX	6060	3870	7045	160	6 - 8	6 - 8	4950	4725	4950	4725	4725
	3760	2070*	4757	1073	6 - 8	6 - 6	5000	5500	5000	5500	5500
	4100	2190*	5097	1193	6 - 8	6 - 6	5000	5500	5000	5500	5500
	4370	2280*	5367	1283	6 - 8	6 - 8	5000	5500	5000	5500	5500
	4560	2340*	5557	1343	6 - 8	6 - 8	5000	5500	5000	5500	5500
	4810	2420	5807	1423	6 - 8	6 - 8	5000	5500	5000	5500	5500
	5110	2520	6107	1523	6 - 8	6 - 8	5000	5500	5000	5500	5500
	5560	2670	6557	1673	6 - 8	6 - 8	5000	5500	5000	5500	5500
	6060	2870	7057	1873	6 - 8	6 - 8	5000	5500	5000	5500	5500
	6560	3070	7557	2073	6 - 8	6 - 8	3800	3625	3800	3625	3625
	7060	3270	8057	2273	6 - 8	6 - 8	2975	2825	2975	2825	2825

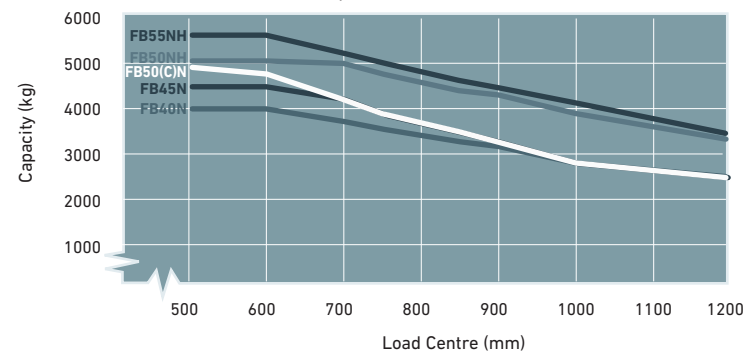
Standard lifting carriage, Forks L1000, L1100, L1150 and L1200

\* Lower than overhead guard

BATTERY DIMENSIONS		FB40N	FB45N	FB50CN	FB50N	FB50NH	FB55NH
Battery voltage	V	80	80	80	80	80	80
Capacity at a 5-hour discharge	Ah	775	775	775	930	930	930
Battery weight, Min.	kg	1760	1760	1760	1760	2060	2060
Battery weight, Max.	kg	1960	1960	1960	1960	2290	2290

### Capacities at various load centres

Simplex - h3 = 3350 mm





# STANDARD EQUIPMENT & OPTIONS

● = Standard  
● = Option

	FB40N	FB45N	FB50CN	FB50N	FB50NH	FB55NH
<b>GENERAL</b>						
4-wheel chassis, 80 volts, front wheel dual drive	●	●	●	●	●	●
Key pre-set economy or high performance mode (ECO / PRO)	●	●	●	●	●	●
3-valve hydraulic fingertip control mounted on an ergonomic armrest	●	●	●	●	●	●
Variable hydraulic speed control functions	●	●	●	●	●	●
Battery compartment side door	●	●	●	●	●	●
Multifunctional interactive full colour display	●	●	●	●	●	●
Intelligent curve control	●	●	●	●	●	●
Tiltable steering column	●	●	●	●	●	●
TruckTool setup and diagnostics	●	●	●	●	●	●
PDS (Seat Switch Timeout = all functions are disabled, the truck will go into the stop mode, automatically applied parking brake)	●	●	●	●	●	●
Full-suspension vinyl Grammer MSG65 seat	●	●	●	●	●	●
CE name plates -language markings	●	●	●	●	●	●
Operations and Maintenance Manual	●	●	●	●	●	●
DIN battery connectors on frame	●	●	●	●	●	●
Back-up drive horn button	●	●	●	●	●	●
Battery door detection sensor	●	●	●	●	●	●
Fingertip control armrest	●	●	●	●	●	●
Manual control levers	●	●	●	●	●	●
Dual Joystick	●	●	●	●	●	●
Mini steering wheel	●	●	●	●	●	●
Air conditioner	●	●	●	●	●	●
Heater	●	●	●	●	●	●
<b>POWER SOURCE</b>						
Integrated Li-ion battery*	●	●	●	●	●	●
Lead acid battery	●	●	●	●	●	●
<b>FRAME</b>						
Battery sideways exchange chassis	●	●	●	●	●	●
Battery roller bed	●	●	●	●	●	●
Battery tray	●	●	●	●	●	●
Battery sideways exchange tool	●	●	●	●	●	●
Battery inspection hatch	●	●	●	●	●	●
Easy charging	●	●	●	●	●	●
T-bar battery stand	●	●	●	●	●	●
<b>LIGHTING</b>						
LED work lights	●	●	●	●	●	●
Red side lines	●	●	●	●	●	●
Amber strobe	●	●	●	●	●	●
Amber strobe mounted low	●	●	●	●	●	●
"Blue point" rear light	●	●	●	●	●	●
"Blue point" rear light mounted low	●	●	●	●	●	●
<b>ELECTRICAL SYSTEM</b>						
Smart backup alarm	●	●	●	●	●	●
Current output	●	●	●	●	●	●
12V connector	●	●	●	●	●	●
Operator presence pedal	●	●	●	●	●	●
Electronic differential lock	●	●	●	●	●	●
Dual pedal layout	●	●	●	●	●	●
Drive direction selection switch on ergonomic armrest (Forward-Backward)*Only on FC controls	●	●	●	●	●	●
Drive direction lever in steering column (Forward-Neutral-Reverse)	●	●	●	●	●	●
Road light kit	●	●	●	●	●	●
PIN code access with start switch	●	●	●	●	●	●
Automated lift controls	●	●	●	●	●	●
Automatic tilt centering via the F2 button with FC TILT/C	●	●	●	●	●	●
Load weight indicator	●	●	●	●	●	●

\* Li-ion battery option is available in selected regions.

Continuing improvement may lead to changes in these specifications

## EDIA<sup>XL</sup>

### FB40-55(C)N(H) Series

## ELECTRIC COUNTERBALANCE

4.0 – 5.5 tonnes



Battery compartment side door



Load backrest



Full-suspension vinyl Grammer seat

# STANDARD EQUIPMENT & OPTIONS

● = Standard  
● = Option

	FB40N	FB45N	FB50CN	FB50N	FB50NH	FB55NH
<b>OPERATOR'S CABIN</b>						
Grammer MSG65 seat	●	●	●	●	●	●
Grammer MSG65 with heater	●	●	●	●	●	●
Grammer MSG65 with cloth upholstery	●	●	●	●	●	●
Grammer MSG65 with cloth upholstery and heater	●	●	●	●	●	●
Grammer MSG75	●	●	●	●	●	●
Grammer MSG75 with heater	●	●	●	●	●	●
Grammer MSG75 with cloth upholstery	●	●	●	●	●	●
Grammer MSG75 with cloth upholstery and heater	●	●	●	●	●	●
Backrest extension	●	●	●	●	●	●
<b>ACCESSORIES</b>						
Rear view mirror	●	●	●	●	●	●
External rear view mirror	●	●	●	●	●	●
Dead angle mirror	●	●	●	●	●	●
Wide view mirror	●	●	●	●	●	●
A4 size paper holder	●	●	●	●	●	●
Camera	●	●	●	●	●	●
Accessory clamp	●	●	●	●	●	●
Fire extinguisher	●	●	●	●	●	●
<b>CABIN</b>						
Default OHG	●	●	●	●	●	●
Low OHG	●	●	●	●	●	●
Battery Inspection OHG	●	●	●	●	●	●
Front screen and roof with wiper / washer	●	●	●	●	●	●
Low front screen and roof with wiper / washer	●	●	●	●	●	●
Front screen and roof with wiper / washer with battery inspection	●	●	●	●	●	●
Safety doors	●	●	●	●	●	●
Delux cabin	●	●	●	●	●	●
<b>EXTERIOR</b>						
Special colour (RAL) for the frame and counterweight	●	●	●	●	●	●
<b>FORKS &amp; CARRIAGE</b>						
Various fork lengths (1000 - 2400mm) as well as fork deletion	●	●	●	●	●	●
Side shifter W1000mm	●	●	●	●	●	●
Integrated side shifter W1000mm	●	●	●	●	●	●
Fork positioner+ integrated side shifter	●	●	●	●	●	●
Load backrest	●	●	●	●	●	●
<b>HYDRAULIC SYSTEM</b>						
3/4/5-way valve armrest-mounted fingertip control	●	●	●	●	●	●
3/4-way valve manual control	●	●	●	●	●	●
Lift Control	●	●	●	●	●	●
Double action FC 3 v, for clamp usage	●	●	●	●	●	●
Double action FC 4 v, for clamp usage	●	●	●	●	●	●
Double action MC 3 v, for clamp usage	●	●	●	●	●	●
Double action MC 4 v, for clamp usage	●	●	●	●	●	●
Hydraulic accumulator	●	●	●	●	●	●
Adjustable hydraulic pressure (for 3rd and 4th valve)	●	●	●	●	●	●
Food grade hydraulic oil	●	●	●	●	●	●
Biodegradable hydraulic oil	●	●	●	●	●	●
Cold area hydraulic oil VG15	●	●	●	●	●	●
Hot area hydraulic oil VG46	●	●	●	●	●	●
3-way piping	●	●	●	●	●	●
4-way piping	●	●	●	●	●	●
<b>TYRES</b>						
Solid Pneumatic Tyres	●	●	●	●	●	●
Pneumatic Tyres	●	●	●	●	●	●
Non-marking Solid Tyres	●	●	●	●	●	●
Cushion tyres	●	●	●	●	●	●
Solid Pneumatic Twin Tyres	●	●	●	●	●	●

Continuing improvement may lead to changes in these specifications

**EDIA XL**

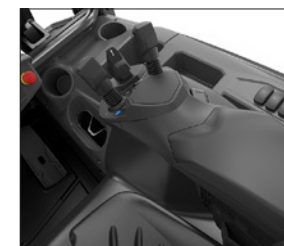
**FB40-55(C)N(H) Series**

**ELECTRIC  
COUNTERBALANCE**

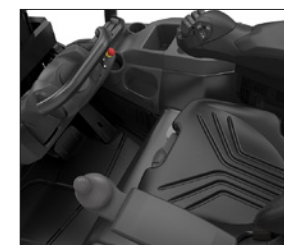
4.0 – 5.5 tonnes



Cabin with roadlight kit



Dual joystick



Mini steering wheel

# WHEN RELIABILITY IS EVERYTHING...



**EDiA**  
THE ELECTRIC DIAMOND

The family name EDiA appears proudly on our award-winning range of electric forklift trucks.

The reputation that Mitsubishi Forklift Trucks enjoys for endurance and reliability has likened them to the quality and enduring value of a diamond.

Like any product bearing the "MITSUBISHI" name our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award-winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

## YOU'LL NEVER WORK ALONE

As your local authorised dealer, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

Discover how Mitsubishi Forklift Trucks give you more from your local authorised dealer or when you visit our website [www.mitforklift.com](http://www.mitforklift.com)

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. We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

[info@mitforklift.com](mailto:info@mitforklift.com)

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## FB60-120N(H) Series

# ELECTRIC COUNTERBALANCE

6.0 – 12.0 tonnes

## GREAT POWER EXCEPTIONAL ECONOMY

As the largest electric models in the Mitsubishi Forklift Trucks range, the FB60-120N(H) series delivers huge power, with no compromises to performance and precision. Best-in-class acceleration and smart energy use makes for a highly efficient addition to any work site.

### SPECIFICATIONS

FB60N	
FB60NH	FB80N-900
FB65N	FB80NH-900
FB65NH	FB90N
FB70N	FB90NH
FB70NH	FB100N
FB80N	FB100NH
FB80NH	FB120NH

WHEN  
**RELIABILITY IS**  
EVERYTHING...





## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

6.0 – 12.0 tonnes



#### BRAKES

- **High-efficiency regenerative braking**  
This gives more effective control and reduces brake wear.
- **Automatic parking brake**  
Safe, effective immobilisation of the truck with minimum effort.

#### DRIVE

- **Four Wheel Steering (4WS)**  
Front axle drive motors turn in separate directions for better grip and precise handling. The rear axle steers through a full 101°, with dual drive motors for instant, smooth turning on the spot and no initial 'push'. This offers excellent manoeuvrability in tight spaces. (H models only)
- **Powerful AC drive motors**  
These generate excellent acceleration, torque and fast travel speed. IP54 rated.

#### ELECTRICAL AND CONTROL SYSTEMS

- **Choice of direction systems**  
Forward/reverse double pedal system, or drive direction lever on steering column.

#### FORKS AND MAST

- **Low Noise Lift**  
Quietest hydraulic pump on the market contributes to low overall noise level (only 65dB).
- **Strong, high-visibility mast**  
Free-lift cylinder structure is optimised with hoses over chains for outstanding visibility.
- **High tilt cylinders**  
Better mast support for greater stability.

#### FRAME AND BODY

- **EasyAccess batteries**  
Batteries are not covered by doors so are easy to access.
- **Single tyre models**  
This unique option is ideal for indoor use as there is no need to widen the truck.
- **Rapid battery exchange**  
With 2 x 48v batteries (one on each side), each battery can be easily moved with a pallet truck for a quicker, simpler battery change.



#### HYDRAULICS

- **Load sensing hydraulic system**  
Load handling functions react similarly to different load weights.
- **Hydraulic cooler**  
This maintains temperature to improve efficiency and extend component lifespan. (H models).
- **Hydraulic steering system**  
Ensures accurate and precise load handling for greater productivity.



For more information  
on FB60-120N(H) Series  
please visit our website



mft2.eu/fb60nh

## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

6.0 – 12.0 tonnes



#### OPERATOR COMPARTMENT AND CONTROLS

- **Long handle bar**  
Aids safer entry/exit.
- **Fully adjustable driving position**  
Create the perfect seat, arm and steering wheel position for each operator's unique needs.
- **Spacious, open cabin**  
Operators of various sizes can easily find comfortable driving positions.
- **Extra-large low step**  
Entry and exit is easy and safe, thanks to a high-grip surface.
- **Comfortable cabin**  
Rubber-mounted cabin reduces micro-vibrations and AC option allows operators to adjust temperatures, ensuring complete comfort throughout a shift. (Option)
- **Dual joysticks**  
Dual joysticks offer simultaneous functions for lift and tilt, and settings can be customised to customer requirements. Easy to use even while wearing heavy gloves. (Option)
- **Touch-sensitive fingertip controls**  
Controls have a natural-feeling, spring-loaded response: press gently for finer control.
- **Ergonomic self-centring steering wheel with knob at 8 o'clock position**  
Exceptional control and comfort.
- **Rear camera**  
Offers the operator better views behind the truck.
- **Low seat**  
Similar seat height to many IC engine trucks, so operators don't need to climb as far as they do with many large electric trucks.
- **Clear, informative display**  
Full colour and easy to read from all angles, even in direct sunlight. Perfectly positioned for at-a-glance reference, without reducing all-round visibility.



For more information  
on FB60-120N(H) Series  
please visit our website



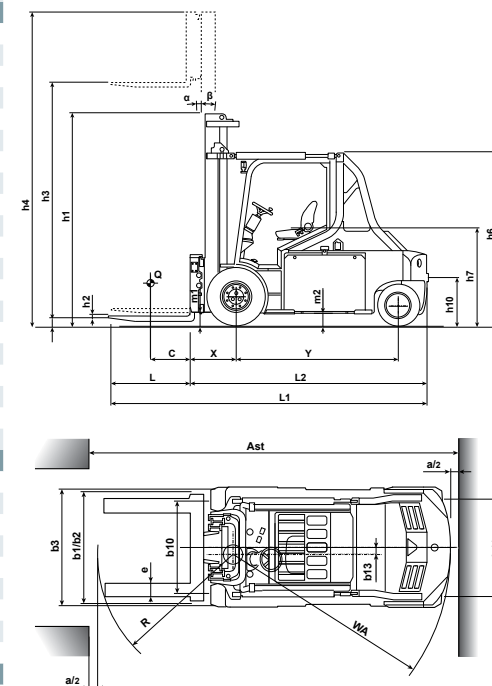
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# VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks				
1.1	Manufacturer			FB60N	FB60NH	FB65N	FB65NH	FB70N
1.2	Manufacturer's model designation			Battery	Battery	Battery	Battery	Battery
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated							
1.5	Load capacity	Q	kg	6000	6000	6500	6500	7000
1.6	Load center distance	c	mm	600	600	600	600	600
1.8	Load distance, axle to fork face	x	mm	650	650	650	650	650
1.9	Wheelbase	y	mm	2250	2250	2250	2250	2250
WEIGHT								
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)		kg	10260	10260	10430	10430	10770
2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)		kg	14523 / 1737	14523 / 1737	15316 / 1614	15316 / 1614	16124 / 1646
2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)		kg	5190 / 5070	5190 / 5070	5200 / 5230	5200 / 5230	5240 / 5530
WHEELS, DRIVE TRAIN								
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front / rear			SE	SE	SE	SE	SE
3.2	Tyre dimensions, front			8.25-15	8.25-15	8.25-15	8.25-15	8.25-15
3.3	Tyre dimensions, rear			22x9-16 23x10-12	22x9-16 23x10-12	22x9-16 23x10-12	22x9-16 23x10-12	22x9-16 23x10-12
3.5	Number of wheels, front / rear (x=driven)			2x/2	2x/2	2x/2	2x/2	2x/2
3.6	Truck width (center of tyres), front	b10	mm	1305 1375 1380	1306 1375 1380	1307 1375 1380	1308 1375 1380	1309 1375 1380
3.7	Truck width (center of tyres), rear	b11	mm	1220 1225	1221 1225	1222 1225	1223 1225	1224 1225
DIMENSIONS								
4.1	Mast tilt, forwards / backwards	$\alpha / \beta$	°	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>
4.2	Height with mast lowered	h1	mm	2680	2680	2680	2680	2680
4.3	Free lift	h2	mm	100	100	100	100	100
4.4	Lift height	h3	mm	3400	3400	3400	3400	3400
4.5	Overall height with mast raised	h4	mm	4370	4370	4370	4370	4370
4.7	Height to top of overhead guard	h6	mm	2420	2420	2420	2420	2420
4.8	Seat height	h7	mm	1330	1330	1330	1330	1330
4.12	Tow coupling height	h10	mm	465	465	465	465	465
4.19	Overall length	l1	mm	4550	4550	4550	4550	4550
4.20	Length to fork face (includes fork thickness)	l2	mm	3300	3300	3300	3300	3300
4.21	Overall width	b1/b2	mm	1660 / 1830	1661 / 1830	1662 / 1830	1663 / 1830	1664 / 1830
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	150x60x1200	150x60x1200	150x60x1200	150x60x1200	150x60x1200
4.23	Fork carriage iso 2328/30, FEM/A,B			4A	4A	4A	4A	4A
4.24	Fork carriage width	b3	mm	1300	1300	1300	1300	1300
4.31	Ground clearance under mast, with load	m1	mm	180	180	180	180	180
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	165	165	165	165	165
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	4835	4610	4835	4610	4835
4.34b	Working aisle width with 800 x 1200 mm pallets, lengthwise	Ast	mm	5035	4745	5035	4745	5035
4.35	Turning circle radius	Wa	mm	2985	2650	2985	2650	2985
4.36	Minimum distance between centers of rotation	b13	mm	950	-	950	-	950
PERFORMANCE								
5.1	Travel speed, with / without load		km/h	15 / 15	20 / 20	15 / 15	20 / 20	14.5 / 15
5.2	Lifting speed, with / without load		m/s	0.24 / 0.39	0.24 / 0.40	0.24 / 0.41	0.24 / 0.42	0.22 / 0.39
5.3	Lowering speed, with / without load		m/s	0.5 / 0.4	0.39 / 0.45	0.5 / 0.6	0.37 / 0.45	0.5 / 0.8
5.5	Rated drawbar pull, with / without load		N	6900 / 7500	6900 / 7500	6900 / 7500	6900 / 7500	6600 / 7300
5.6	Maximum drawbar pull, with / without load (5 min short duty)		N	16400 / 17000	23800 / 24400	16400 / 17000	23700 / 24300	16100 / 16800
5.7	Gradeability, with / without load		%	6.5 / 11	8.2 / 13.5	6.5 / 11	7.9 / 12.8	5.5 / 10
5.8	Maximum gradeability, with / without load		%	10 / 16	14.7 / 23.7	10 / 16	14.2 / 22.5	8.5 / 14
5.9	Acceleration time (10 metres) with / without load		s	5.8 / 5.4	6.6 / 5.3	5.8 / 5.4	6.6 / 5.3	6.1 / 5.7
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Electric	Hydraulic / Electric	Electric	Hydraulic / Electric	Electric
ELECTRIC MOTORS								
6.1	Drive motor capacity (60 min. short duty)		kW	2 x15	2 x15	2 x15	2 x15	2 x15
6.2	Lift motor output at 15% duty factor		kW	30	30	30	30	30
6.4	Battery voltage		V/Ah	96	96	96	96	96
6.5	Battery weight (including container)		kg	3350	3350	3350	3350	3350
6.6b	Energy consumption acc. to VDI cycle <sup>3)</sup>		kWh / h	12.2 (42/45)	12.2 (42/45)	12.2 (42/45)	12.2 (42/45)	13.4 (42/45)
MISCELLANEOUS								
8.1	Type of drive control			AC	AC	AC	AC	AC
10.1	Maximum operating pressure for attachments		bar	200	200	200	200	200
10.2	Oil flow for attachments		l/min	-	-	-	-	-
10.7	Noise level, value at operator's ear (EN 12053)		dB(A)	72	72	72	72	72

## FB60-120N(H) Series ELECTRIC COUNTERBALANCE

6.0 – 7.0 tonnes



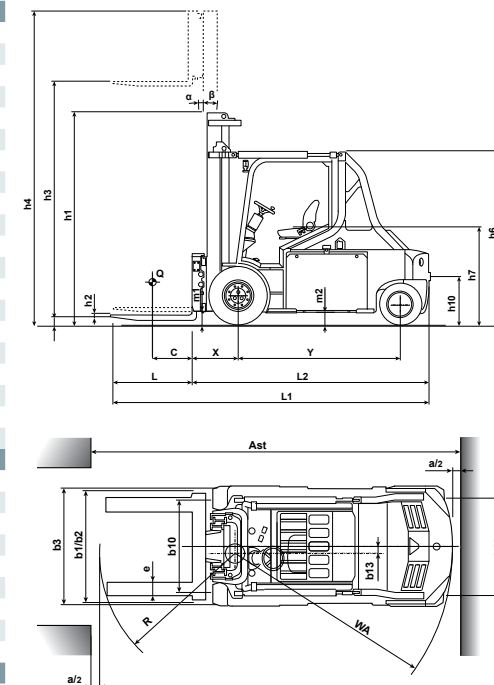
## VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				Mitsubishi Forklift Trucks				
1.1	Manufacturer			FB70NH	FB80N	FB80NH	FB80N-900	FB80NH-900
1.2	Manufacturer's model designation			Battery	Battery	Battery	Battery	Battery
1.3	Power source: (battery, diesel, LP gas, petrol)			Seated	Seated	Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated			7000	8000	8000	8000	8000
1.5	Load capacity	Q	kg	600	600	600	900	900
1.6	Load center distance	c	mm	650	700	700	700	700
1.8	Load distance, axle to fork face	x	mm	2250	2550	2550	2550	2630
1.9	Wheelbase	y	mm					
WEIGHT								
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)			10770	12095	12095	12095	14175
2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)			16124 / 16446	18670 / 1425	18670 / 1425	18670 / 1425	20356 /1819
2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)			5240 / 5530	6590 / 5505	6590 / 5505	6590 / 5505	7490 / 6685
WHEELS, DRIVE TRAIN								
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front / rear			SE	SE	SE	SE	SE
3.2	Tyre dimensions, front			8.25-15	8.25-15	8.25-15	8.25-15	8.25-15
3.3	Tyre dimensions, rear			22 x9-16 23 x10-12	22 x9-16 23 x10-12	22 x9-16 23 x10-12	315 / 45-12	315 / 45-12
3.5	Number of wheels, front / rear (x=driven)			2 x/2	2 x/2	2 x/2	4 x/2	4 x/2
3.6	Truck width (center of tyres), front	b10	mm	1310 1375 1380	1311 1375 1380	1312 1375 1380	1460	1460
3.7	Truck width (center of tyres), rear	b11	mm	1225 1225	1226 1225	1227 1225	1215	1215
DIMENSIONS								
4.1	Mast tilt, forwards / backwards	α/β	°	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>	5.5/6 <sup>1)</sup>	5.5/6 <sup>2)</sup>	5.5/6 <sup>2)</sup>
4.2	Height with mast lowered	h1	mm	2680	2792	2792	2900	2900
4.3	Free lift	h2	mm	100	0	0	0	0
4.4	Lift height	h3	mm	3400	3400	3400	3400	3400
4.5	Overall height with mast raised	h4	mm	4370	4530	4530	4800	4800
4.7	Height to top of overhead guard	h6	mm	2420	2420	2420	2420	2420
4.8	Seat height	h7	mm	1330	1330	1330	1330	1330
4.12	Tow coupling height	h10	mm	465	465	465	465	465
4.19	Overall length	l1	mm	4550	4840	4840	5340	5340
4.20	Length to fork face (includes fork thickness)	l2	mm	3300	3640	3640	3740	3740
4.21	Overall width	b1/b2	mm	1665 / 1830	1666 / 1830	1667 / 1830	1900	1900
4.22	Fork dimensions (thickness, width, length)	s / e / l	mm	150 × 60 ×1200	200 × 60 ×1200	200 × 60 ×1200	200 × 60 ×1200	200 × 70 ×1600
4.23	Fork carriage iso 2328/30, FEM/A,B			4A	4A	4A	4A	4A
4.24	Fork carriage width	b3	mm	1300	1300	1300	1800	1800
4.31	Ground clearance under mast, with load	m1	mm	180	180	180	180	180
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2	mm	165	165	165	165	165
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast	mm	4610	5200	4955	5350	4955
4.34b	Working aisle width with 800 x 1200 mm pallets, lengthwise	Ast	mm	4745	5400	5095	5550	5095
4.35	Turning circle radius	Wa	mm	2650	3300	2950	3450	2950
4.36	Minimum distance between centers of rotation	b13	mm	-	1050	-	1050	1150
PERFORMANCE								
5.1	Travel speed, with / without load		km/h	20 / 20	14 / 15	19 / 20	14 / 15	17 / 18
5.2	Lifting speed, with / without load		m/s	0.22 / 0.39	0.2 / 0.34	0.2 / 0.35	0.21 / 0.3	0.3 / 0.44
5.3	Lowering speed, with / without load		m/s	0.35 / 0.45	0.45 / 0.35	0.31 / 0.45	0.45 / 0.37	0.5 / 0.4
5.5	Rated drawbar pull, with / without load		N	6600 / 7300	6400 / 7200	6400 / 7200	5600 / 6300	5600 / 6300
5.6	Maximum drawbar pull, with / without load (5 min short duty)		N	23600 / 24300	15900 / 16700	23300 / 24400	20700 / 21500	20700 / 21500
5.7	Gradeability, with / without load		%	7.4 / 12.8	5 / 9.5	6.4 / 11.1	5 / 9.5	5 / 9
5.8	Maximum gradeability, with / without load		%	13.4 / 22.5	8 / 13.5	11.6 / 19.6	9 / 15	9.2 / 16
5.9	Acceleration time (10 metres) with / without load		s	7 / 5.5	6.2 / 5.8	7.4 / 5.6	6.5 / 5	7 / 5.2
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Hydraulic / Electric	Electric	Hydraulic / Electric	Hydraulic / Electric	Electric
ELECTRIC MOTORS								
6.1	Drive motor capacity (60 min. short duty)		kW	2 ×15	2 ×15	2 ×15	2 ×15	2 ×15
6.2	Lift motor output at 15% duty factor		kW	30	30	45	45	45
6.4	Battery voltage		V/Ah	96	96	96	96	96
6.5	Battery weight (including container)		kg	3350	4300	4300	4300	4300
6.6b	Energy consumption acc. to VDI cycle <sup>3)</sup>		kWh / h	13.4 (42/45)	15.3 (40/45)	15.3 (40/45)	15.3 (40/45)	15.3 (40/45)
MISCELLANEOUS								
8.1	Type of drive control			AC	AC	AC	AC	AC
10.1	Maximum operating pressure for attachments		bar	200	200	200	200	200
10.2	Oil flow for attachments		l/min	-	-	-	-	-
10.7	Noise level, value at operator's ear (EN 12053)		dB(A)	72	72	72	72	72

# FB60-120N(H) Series

## ELECTRIC COUNTERBALANCE

7.0 – 8.0 tonnes



Ast = Wa + R + a  
 Ast = Working aisle width with load  
 Wa = Turning radius  
 a = Safety clearance = 2 x 100 mm  
 $R = \sqrt{(l/6 + x)^2 + (b/12 / 2 - b/13)^2}$   
 b12 = Pallet width (1200 mm)

- 1) Depending on the type of mast
- 2) Custom design fork carriage
- 3) Cycles performed / cycles requested



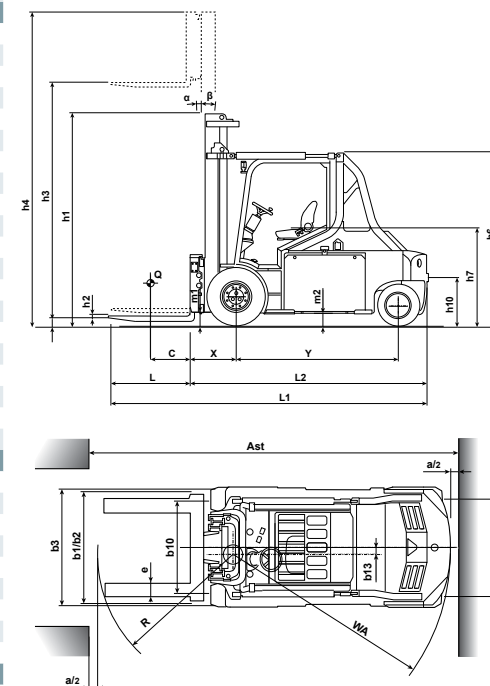
# VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS			Mitsubishi Forklift Trucks				
1.1	Manufacturer		FB90N	FB90NH	FB100N	FB100NH	FB120NH
1.2	Manufacturer's model designation		Battery	Battery	Battery	Battery	Battery
1.3	Power source: (battery, diesel, LP gas, petrol)		Seated	Seated	Seated	Seated	Seated
1.4	Operator type: pedestrian, (operator)-standing, -seated						
1.5	Load capacity	Q kg	9000	9000	10000	10000	12000
1.6	Load center distance	c mm	600	600	600	600	600
1.8	Load distance, axle to fork face	x mm	720	720	720	720	730
1.9	Wheelbase	y mm	2550	2550	2630	2630	2980
WEIGHT							
2.1	Truck weight, without load / including battery (simplex mast, lowest lift height)	kg	13425	13425	14175	14425	16105
2.2	Axle loading with maximum load, front / rear (simplex mast, lowest lift height)	kg	20780 / 1645	20780 / 1645	20356 / 1819	22678 / 1747	26199 / 1906
2.3	Axle loading without load, front / rear (simplex mast, lowest lift height)	kg	7120 / 6305	7120 / 6305	7490 / 6685	7660 / 6765	8840 / 7265
WHEELS, DRIVE TRAIN							
3.1	Tyres: V=solid, L=pneumatic, SE=solid pneumatic - front / rear		SE	SE	SE	SE	SE
3.2	Tyre dimensions, front		8.25-15	8.25-15	300-15	300-15	355 / 65-15
3.3	Tyre dimensions, rear		23 x 10-12	23 x 10-12	315 / 45-12	315 / 45-12	315 / 45-12
3.5	Number of wheels, front / rear (x=driven)		4 x/2	4 x/2	4 x/2	4 x/2	4 x/2
3.6	Truck width (center of tyres), front	b10 mm	1380	1380	1460	1460	1565
3.7	Truck width (center of tyres), rear	b11 mm	1225	1225	1215	1215	1215
DIMENSIONS							
4.1	Mast tilt, forwards / backwards	$\alpha / \beta$ °	5.5/6 <sup>2)</sup>	5.5/6 <sup>2)</sup>	5.5/6 <sup>2)</sup>	5.5/6 <sup>2)</sup>	5.5/6 <sup>2)</sup>
4.2	Height with mast lowered	h1 mm	2900	2900	2950	2950	2950
4.3	Free lift	h2 mm	0	0	0	0	0
4.4	Lift height	h3 mm	3400	3400	3400	3400	3400
4.5	Overall height with mast raised	h4 mm	4800	4800	4850	4850	4900
4.7	Height to top of overhead guard	h6 mm	2420	2420	2420	2420	2420
4.8	Seat height	h7 mm	1330	1330	1330	1330	1330
4.12	Tow coupling height	h10 mm	465	465	465	465	465
4.19	Overall length	l1 mm	4880	4880	4960	4960	5325
4.20	Length to fork face (includes fork thickness)	l2 mm	3680	3680	3760	3760	4125
4.21	Overall width	b1/b2 mm	1830	1830	2000	2000	2140
4.22	Fork dimensions (thickness, width, length)	s / e / l mm	200 x 60 x 1200	200 x 60 x 1200	200 x 60 x 1200	200 x 60 x 1200	200 x 70 x 1200
4.23	Fork carriage iso 2328/30, FEM/A,B		5A	5A	5A	5A	HD1 <sup>2)</sup>
4.24	Fork carriage width	b3 mm	1500	1500	1800	1800	2000
4.31	Ground clearance under mast, with load	m1 mm	180	180	180	180	180
4.32	Ground clearance at center of wheelbase, with load (forks lowered)	m2 mm	165	165	165	165	165
4.33	Working aisle width with 1000 x 1200 mm pallets, crosswise	Ast mm	5220	4975	5420	5420	5705
4.34b	Working aisle width with 800 x 1200 mm pallets, lengthwise	Ast mm	5420	5115	5420	5420	5905
4.35	Turning circle radius	Wa mm	3300	2950	3500	3500	3705
4.36	Minimum distance between centers of rotation	b13 mm	1050	1050	1250	1250	1250
PERFORMANCE							
5.1	Travel speed, with / without load	km/h	15 / 18	18 / 19	14 / 15	16 / 18	16 / 17
5.2	Lifting speed, with / without load	m/s	0.28 / 0.4	0.28 / 0.4	0.18 / 0.27	0.22 / 0.32	0.28 / 0.36
5.3	Lowering speed, with / without load	m/s	0.47 / 0.39	0.28 / 0.4	0.5 / 0.4	0.5 / 0.4	0.47 / 0.38
5.5	Rated drawbar pull, with / without load	N	6100 / 6850	6100 / 6850	5000 / 5600	5000 / 5650	5400 / 6800
5.6	Maximum drawbar pull, with / without load (5 min short duty)	N	15150 / 15900	23000 / 23900	18500 / 19000	18600 / 19350	22900 / 23700
5.7	Gradeability, with / without load	%	4.7 / 9	5.6 / 10	4 / 8	4.5 / 8	4.8 / 8.8
5.8	Maximum gradeability, with / without load	%	7.7 / 12.7	10.3 / 17.8	8 / 14	8.3 / 14.5	8.7 / 20.15
5.9	Acceleration time (10 metres) with / without load	s	5.8 / 5.4	7.8 / 5.8	6 / 4	6.2 / 4.7	9.6 / 6.9
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)		Electric	Hydraulic / Electric	Hydraulic / Electric	Electric	Electric
ELECTRIC MOTORS							
6.1	Drive motor capacity (60 min. short duty)	kW	2 x 15	2 x 15	2 x 15	2 x 15	2 x 15
6.2	Lift motor output at 15% duty factor	kW	45	45	45	45	45
6.4	Battery voltage	V/Ah	96	96	96	96	96
6.5	Battery weight (including container)	kg	4300	4300	4300	4300	
6.6b	Energy consumption acc. to VDI cycle <sup>3)</sup>	kWh / h	15.3 (40/45)	15.3 (40/45)	15.8 (39/45)	15.8 (39/45)	16.9 (39/45)
MISCELLANEOUS							
8.1	Type of drive control		AC	AC	AC	AC	AC
10.1	Maximum operating pressure for attachments	bar	200	200	200	200	200
10.2	Oil flow for attachments	l/min	-	-	-	-	-
10.7	Noise level, value at operator's ear (EN 12053)	dB(A)	72	72	72	72	72

## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

9.0 – 12.0 tonnes



# MAST PERFORMANCE AND CAPACITY

## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

		FB60N(H)						FB65N(H)					
MAST TYPE	Max. fork height mm	Sideshift			Side shifting fork positioner			Sideshift			Side shifting fork positioner		
		Load Capacity (kgs) @ load centre (mm)											
		600	900	1200	600	900	1200	600	900	1200	600	900	1200
SIMPLEX	3400	6000	5200	4000	5800	5000	4000	6500	5300	4000	6300	5100	4000
	3800	6000	5150	4000	5800	4950	3950	6500	5300	4000	6300	5100	4000
	4200	6000	5000	4000	5800	4800	3850	6300	5150	4000	6100	4950	4000
	4500	5900	4850	4000	5700	4650	3750	6100	5000	4000	5900	4800	3900
	5500	5500	4500	3800	5300	4300	3550	5700	4700	4000	5500	4500	3800
DUPLEX AND TRIPLEX	4380	6000	5000	4000	5800	4800	3900	6200	5200	4000	6000	5000	4000
	5300	5500	4600	3850	5300	4400	3650	5650	4800	4000	5450	4600	3950
	5500	5400	4500	3800	5200	4300	3550	5600	4750	4000	5400	4550	3850
	5700	5300	4400	3750	5100	4200	3500	5500	4650	4000	5300	4450	3750
	6100	5200	4300	3650	5000	4100	3400	5350	4500	3800	5150	4300	3600

		FB80-900N(H)						FB90N(H)					
MAST TYPE	Max. fork height mm	Sideshift			Side shifting fork positioner			Sideshift			Side shifting fork positioner		
		Load Capacity (kgs) @ load centre (mm)											
		600	900	1200	600	900	1200	600	900	1200	600	900	1200
SIMPLEX	3400	8000	8000	6500	8000	8000	6500	9000	7200	5600	8800	7000	5600
	3800	8000	7800	6500	8000	7600	6300	8600	7100	5600	8400	6900	5600
	4200	8000	7700	6500	8000	7500	6300	8500	7000	5600	8300	6800	5500
	4600	8000	7600	6400	8000	7400	6200	8200	6800	5600	8000	6600	5500
	5500	8000	7200	6000	8000	7000	5800	7700	6400	5300	7500	6200	5100
DUPLEX AND TRIPLEX	3690	8000	7700	6500	8000	7500	6300	8100	6700	5500	7900	6500	5300
	5100	8000	7100	6050	8000	6900	5850	7300	6100	5100	7100	5900	4900
	5250	8000	7000	5950	8000	6800	5750	7150	6000	5000	6950	5800	4800
	5500	8000	6850	5800	7800	6650	5600	7000	5850	4850	6800	5650	4650
	5700	8000	6750	5700	7800	6550	5500	6800	5700	4700	6600	5500	4500

		FB70N(H)						FB80N(H)					
MAST TYPE	Max. fork height mm	Sideshift			Side shifting fork positioner			Sideshift			Side shifting fork positioner		
		Load Capacity (kgs) @ load centre (mm)											
		600	900	1200	600	900	1200	600	900	1200	600	900	1200
SIMPLEX	3400	7000	5300	4000	6800	5300	4000	8000	6300	5100	7800	6100	4900
	3800	6850	5300	4000	6650	5300	4000	7700	6200	5050	7500	6000	4850
	4200	6700	5300	4000	6500	5300	4000	7400	6000	5050	7200	5800	4850
	4500	6500	5300	4000	6300	5150	4000	7100	5750	4900	6900	5550	4700
	5500	6100	4900	4000	5900	4700	4000	6700	5500	4700	6500	5300	4500
DUPLEX AND TRIPLEX	4380	6550	5300	4000	6350	5100	4000	7000	5800	4900	6800	5600	4700
	5300	6150	5100	4000	5950	4900	4000	6600	5600	4700	6400	5400	4500
	5500	6100	5000	4000	5900	4800	4000	6500	5450	4600	6300	5250	4400
	5700	6000	4900	4000	5800	4700	3950	6400	5300	4500	6200	5100	4300
	6100	5800	4700	4000	5600	4500	3800	6200	5100	4300	6000	4900	4100

		FB100N(H)					
MAST TYPE	Max. fork height mm	Sideshift			Side shifting fork positioner		
		Load Capacity (kgs) @ load centre (mm)					
		600	900	1200	600	900	1200
SIMPLEX	3400	10000	7450	5600	9800	7450	5600
	3800	9700	7450	5600	9500	7450	5600
	4200	9400	7450	5600	9200	7450	5600
	4500	9200	7450	5600	9000	7400	5600
	5500	8700	7200	5600	8500	7000	5600
DUPLEX AND TRIPLEX	3730	8900	7400	5600	8700	7200	5600
	5100	8000	6700	5600	7800	6500	5500
	5300	7750	6550	5600	7550	6350	5400
	5500	7600	6400	5500	7400	6200	5300
	5700	7500	6300	5400	7300	6100	5200

**FB120NH** Information not available at time of publication. Please consult with your distributor representative for further details.

BATTERY DIMENSIONS		FB60N	FB60NH	FB65N	FB65NH	FB70N	FB70NH	FB80N	FB80NH	FB80N-900	FB80NH-900	FB90N	FB90NH	FB100N	FB100NH	FB120NH
Battery voltage	V	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
Capacity at a 5-hour discharge	Ah	1085	1085	1085	1085	1085	1085	1395	1395	1395	1395	1395	1395	1395	1395	1550
Battery weight, min.	kg	3050	3050	3050	3050	3050	3050	4050	4050	4050	4050	4050	4050	4050	4050	4400
Battery weight, max.*	kg	3350	3350	3350	3350	3350	3350	4300	4300	4300	4300	4300	4300	4300	4300	4700

\* including battery container

# STANDARD EQUIPMENT & OPTIONS

## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

● = Standard  
● = Option

	FB60N	FB60NH	FB65N	FB65NH	FB70N	FB70NH	FB80N	FB80NH	FB80N-900	FB80NH-900	FB90N	FB90NH	FB100N	FB100NH	FB120NH
<b>GENERAL</b>															
4-wheel chassis, 96 volts	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Low overhead guard for container applications	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Key pre-set economy or high performance mode (ECO / PRO)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Variable hydraulic speed control functions	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Intelligent Curve Control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sensorised safety seat belt	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
CE name plates -language markings	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Operations and maintenance manual	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>POWER SOURCE</b>															
Lead acid battery	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>FRAME</b>															
Battery tray	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Quick and easy battery lateral replacement	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>LIGHTING</b>															
LED work lights	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Amber strobe	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
"Blue point" rear light	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
"Blue point" rear light mounted low	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>ELECTRICAL SYSTEM</b>															
Forward / reverse drive direction selection with double pedal system	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Drive direction lever in steering column (forward-neutral-reverse)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Road light kit	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PIN code access with start switch	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Load weight indicator	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>OPERATOR'S CABIN</b>															
Air conditioner	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heater	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Multifunctional interactive full colour display	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Rear view camera	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Tilttable steering column	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fingertip control armrest	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Manual control levers	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Full-suspension vinyl Grammer MSG85 seat	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>ACCESSORIES</b>															
Rear view mirror	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
External rear view mirror	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Additional camera	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



Low overhead guard for container applications



LED work lights



Multifunctional interactive full colour display



Front screen and roof with wiper / washer

# STANDARD EQUIPMENT & OPTIONS

## FB60-120N(H) Series

### ELECTRIC COUNTERBALANCE

● = Standard  
● = Option

	FB60N	FB60NH	FB65N	FB65NH	FB70N	FB70NH	FB80N	FB80NH	FB80N-900	FB80NH-900	FB90N	FB90NH	FB100N	FB100NH	FB120NH
<b>CABIN</b>															
Default OHG	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Front screen and roof with wiper / washer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Low front screen and roof with wiper / washer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heating element rear screen	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Heating element front screen	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Air conditioner	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Plexi roof	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
PVC doors	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Full cabin	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>EXTERIOR</b>															
Special colour (RAL) for the frame and counterweight	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>FORKS &amp; CARRIAGE</b>															
Various fork lengths (1200 - 2400mm)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>LOAD BACKREST</b>															
Integrated side shifter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fork positioner+ integrated side shifter	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Fork carriage with 8 rollers	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>HYDRAULIC SYSTEM</b>															
3/4/5-way valve armrest-mounted fingertip control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3/4-way valve manual control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double action FC 3 v, for clamp usage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double action FC 4 v, for clamp usage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double action MC 3 v, for clamp usage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Double action MC 4 v, for clamp usage	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hydraulic accumulator	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
3-way piping	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4-way piping	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>TYRES</b>															
Super elastic tyres	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-
Non-marking super elastic	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-
Dual super elastic	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dual non-marking solid tyres	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Cushion tyres	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Non-marking cushion tyres	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●



# WHEN RELIABILITY IS EVERYTHING...



Like any product bearing the Mitsubishi Forklift Trucks name, our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

## YOU'LL NEVER WORK ALONE

As your local authorised distributor, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

Discover how Mitsubishi Forklift Trucks give you more from your local authorised dealer or when you visit our website [www.mitforklift.com](http://www.mitforklift.com)

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.

We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

## QUALITY | RELIABILITY | VALUE FOR MONEY

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