

*Ready to Perform
To Your Applications*



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PRESENTED BY :

Note: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Mitsubishi forklift truck dealers. Mitsubishi Forklift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

FB35/40/45 CZ

Electric Counterbalanced Truck
3.5 - 4.5 ton

SMOOTH & RELIABLE



The SICOS-AC Super-intelligent Control System ensures Powerful and Highly Efficient Operation

We've reduced maintenance costs by 20%.

The AC motor eliminates the need for brushes and contactors.

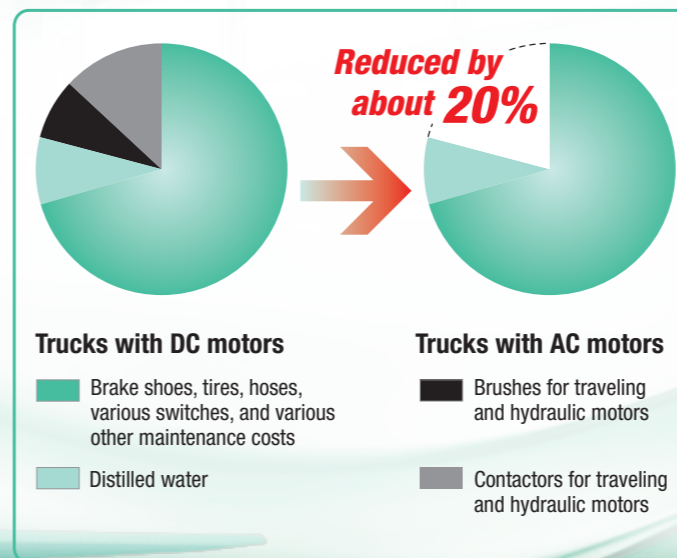
Smooth & Powerful Operation

Very precise speed control is possible. It dramatically improves inching operation.

Quieter Operation

We've significantly reduced noise caused by motor brushes, fans, and the control chopper.

Significantly Increased Speed for Traveling and Lifting

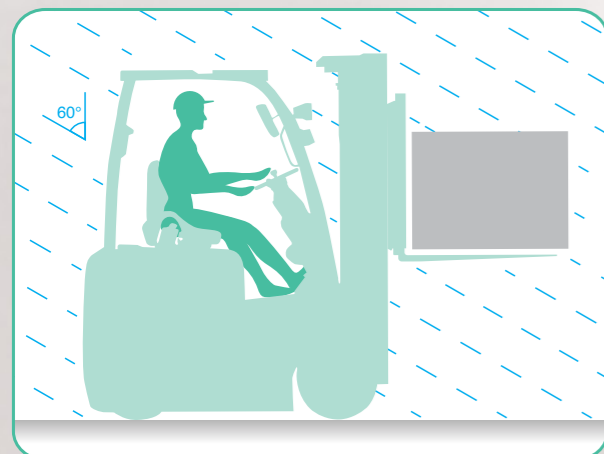


Traveling speed → 16.0km/h
Lifting speed → 480mm/sec

*Data: FB40CZ at P-mode, Unladen

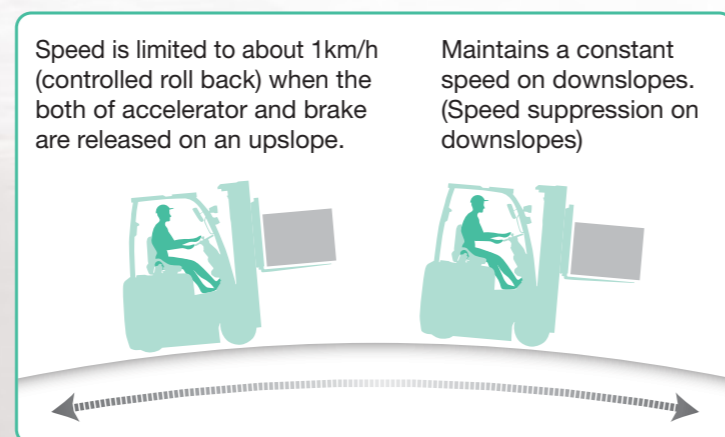
IPX3 Rating Waterproof Design

Thanks to the IPX3 waterproof design, it can be used outdoors on rainy days. It is impervious even to wind driven rain falling at a 60° angle.



Safety Cruise

This feature prevents sudden sliding down even if the both of accelerator and brake pedals are released. What's more, it limits the vehicle to a safe speed when traveling on a downslope.



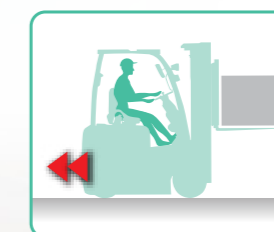
For added safety on slopes, we recommend the footbrake be activated at the same time.

Multiple regenerative functions recover waste energy



Coasting

Recovers when you lift your foot off the accelerator.



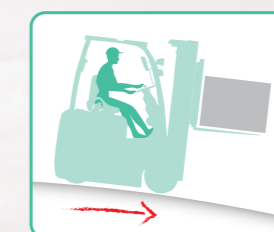
Plugging

Recovers when you reverse the direction of travel (forward/ reverse).



Braking

Recovers when you activate the footbrake.



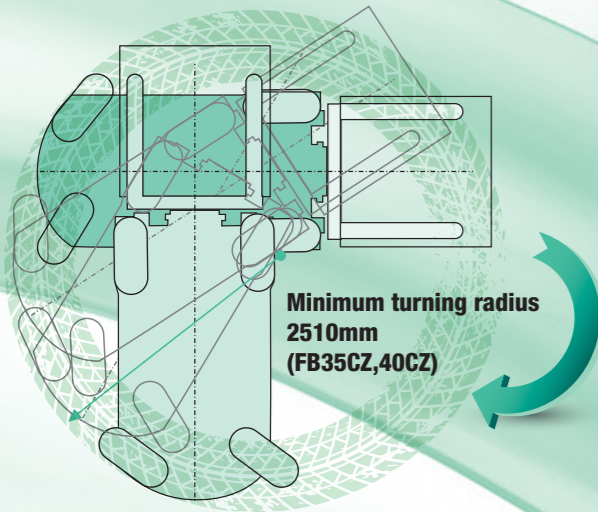
Speed suppression on downslopes

Recovers when you coast on a downslope.

SAFE AND COMFORTABLE

Small Turning Radius

With this compact design, we have significantly reduced the front overhang and achieved the smallest turning radius. This innovation contributes to enhanced efficiency and ease of operation.



Operation Interlock System

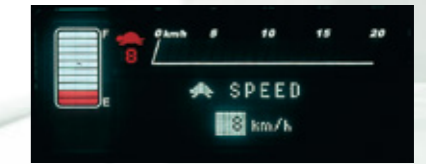
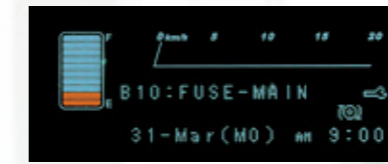
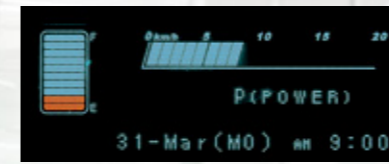
For operator's safety, travel and mast operations are automatically interlocked when the operator is not properly seated for more than two seconds.



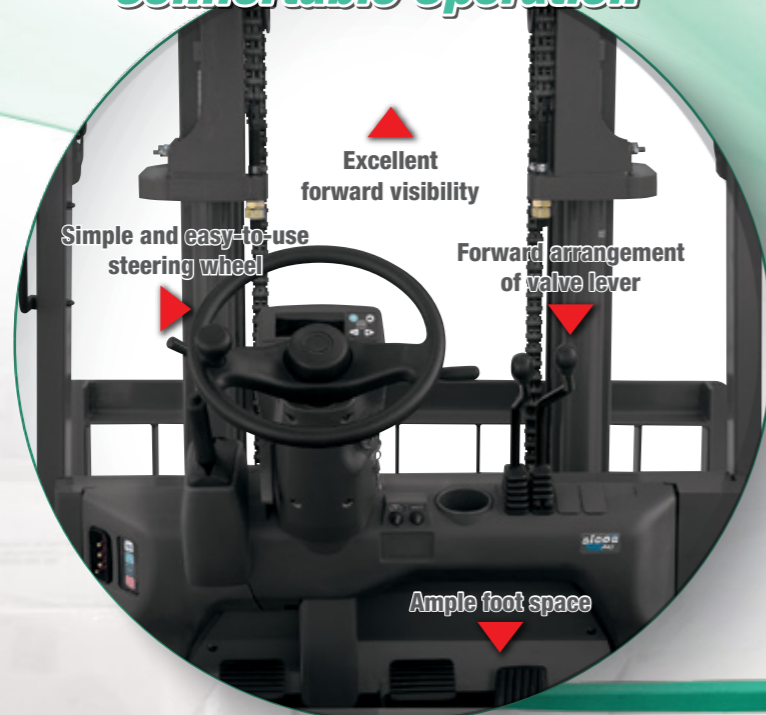
* The parking brake is not activated. Set the parking brake when leaving the vehicle.

Clear Display shows Complete Operating Status at-a-glance

In addition to showing vehicle speed and remaining battery capacity, the multi-display unit allows you to make a variety of settings.



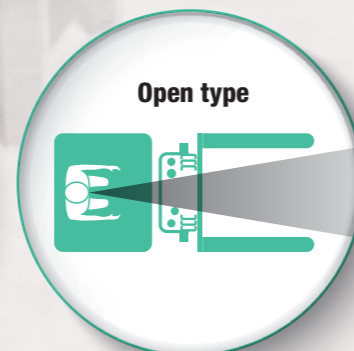
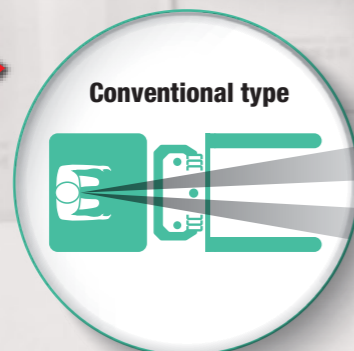
Comfortable Operation



Open-Type Mast

The three-stage mast and two-stage full-free mast are open type offering excellent visibility.

* The three-stage mast and two-stage full-free mast options are not available with Model FB45CZ.



Wide Convenient Steps

The two wide steps offer greater ease and convenience on getting up and down the truck.



Simplified Maintenance

The fully opening battery cover incorporates a locking gas spring for easier battery inspection and maintenance.

OPTIONAL Load Indicator

With this feature, the load weight is displayed on the display, preventing overloading for enhanced safety.

LOAD 3970 kg
31-Mar(MO) AM 9:00

*Note: The scale is not intended for precise measurement.

SPECIFICATIONS

Model			FB35CZ	FB40CZ	FB45CZ	
Performance	Capacity	kg	3500	4000	4500	
	Load Center	mm	600			
	Lifting Height	A mm	3000			
	Free Lift	F mm	150			
	Lift Speed	Laden	mm/s	320	300	250
		Unladen	mm/s	480		
	Travel Speed	Laden	km/h	14.0	13.5	13.0
		Unladen	km/h	16.0		
	Min. Turning Radius	R mm	2510			
	Min. 90° Turning Aisle *	mm	2410			
Gradeability (Laden/unladen)	%	15/18	13/16	11/16		
Dimensions	Overall Length	L1 mm	3870	3910		
		L2 mm	2800	2840		
	Overall Width	W mm	1390			
	Overall Height	Overheadguard	H mm	2340		
		Mast Lowered	B mm	2170	2250	
		Mast Extended	C mm	4050		
	Fork L x T x W	K mm	1070x50x150			
	Wheelbase	mm	1800			
	Road Clearance	mm	150 (Mast)			
	Front Overhang	Q mm	550	565		
	Rear Overhang	S mm	450	475		
Tread	Front	T mm	1160			
	Rear	mm	1180			
Service Weight (W/O Battery)		kg	5040	5310	5870	
Tyres	Front		250-15-18PR		250-15 SOLID	
	Rear		7.00-12-12PR		7.00-12 SOLID	
Control System			Inverter Control (Traction, Hydraulic, Power Steering)			
Motors	Traction	kW	14.0			
	Hydraulic	kW	20.0			
	Power Steering	kW	1.8			
Battery	Voltage	V	72			
	Capacity	Standard	Ah/5HR	545	600	600
		Optional		600	—	—
Battery Weight (Min./Max.)			1200/1330	1300/1330	1300/1330	
Charger (Option)			Automatic Stationary Charger (3-phase, 200 V)			
Capacity	KVA		12	16		

* 1100x1100 pallet, no clearance included

