

EDIA

Electric forklift truck ranges

1.0 – 5.0 tonnes



quality | reliability | value for money



Just drive

The moment you slide behind the wheel, everything simply feels right.

Instinctive steering. Limitless visibility. Natural controls... just where you expect them to be. You already know what to do.

Drive.

Everything about **EDiA** inspires confidence. And that's powerful. Because confidence makes you productive.

Every feature is designed to help you focus on putting the truck, and the load, in precisely to the right place.

And with low maintenance, class-leading efficiency and our famous reliability you can keep on doing it. Time after time after time.

It takes a manufacturer with the experience of Mitsubishi to make a forklift feel this much like home.

Choose Mitsubishi... it is rocket science.

Only Mitsubishi brings you materials handling products with the technological heritage of the space programme.



Model shown: FB20AN EDiA EM



EDiA

THE ELECTRIC DIAMOND

Sleek. Flawless. Unbeatably tough. EDiA delivers legendary Mitsubishi performance and reliability in a clean, compact, versatile space. Always a great investment.



Model shown:
FB16ACNT EDiA EM



Model shown: FB20AN EDiA EM

Model shown: FB25CN EDiA EX

Model shown: FB20ACNT EDiA EM

Clean. Cleaner. Cleanest.

Until now, even the most hygienic forklift would leave traces of fine metallic particles in the air: brake dust.

But on **EDiA**, the wet disc brakes are fully enclosed – so they're not only maintenance-free and unaffected by wet conditions, they also keep all traces of brake dust away from sensitive stock.

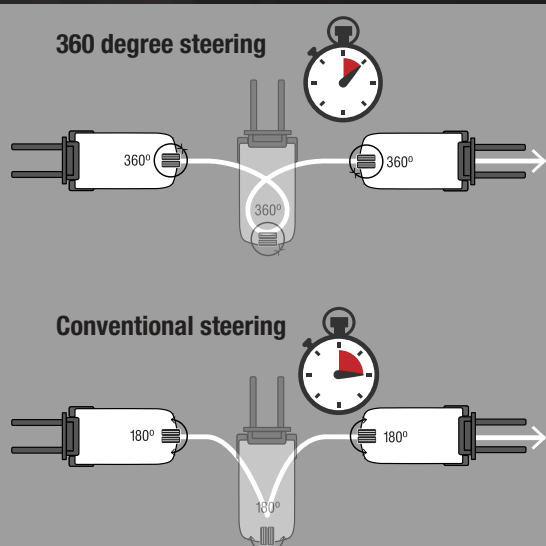
And it's not just the brakes that are great in the wet. **EDiA's** key components carry IP54 waterproofing as standard, meaning it's an electric truck you can use around wet stock, water sprays, mists and cleaning facilities.

And with energy-efficiency advances like our groundbreaking on-demand electric power steering, our electric trucks use less power – so you can work for longer on a single charge.

If you want consistent, robust performance – but need to look after your environment – you've just met your new best friend: **EDiA**.

Time-saving 360° Steering

The 3-wheel EDiA EM can be set so that its steer wheel turns through 360 degrees. The operator does not need to make a 'three point turn' and stop on every turn. Instead, the truck is in constant motion in an 'orbital turn' - a time advantage (typically 2 seconds) every time they change direction.



Model shown: FB16PNT EDiA EM



EDiA



EDiA EX



EDiA EX

Rewriting the rules



The robust waterproofing of **EDiA's** components means it can operate indoors or out. **EDiA's** critical components are protected to stringent IP54 standards, so that **EDiA** can perform in all weather.



Size isn't everything after all.

Don't be fooled by the compact frame. With class-leading residual lifting power and a stable, grounded design, **EDiA** packs the punch to carry big loads safely to the top of the racking.

That means you get the performance of a much bigger truck, into the very tightest space.

And **EDiA** isn't just tightly put together. It's agile, too.

100° steering angle – with opposable drive motors – lets you turn effortlessly on the spot, with absolute accuracy and complete confidence.

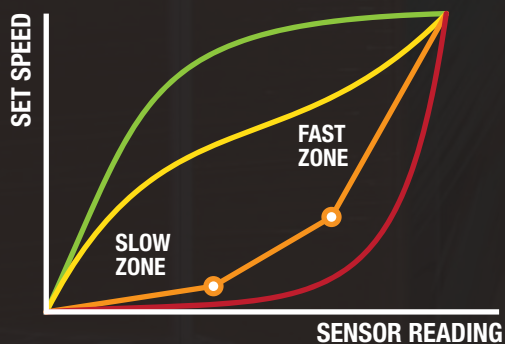
But steering and performance is no good without great visibility.

So we've looked at every angle. The bulkhead. The counterweight. The mast. Even the steering wheel is optimised to give the best possible view.

Jump in. You'll see the difference straight away.

Sensitive Drive System

On **EDiA** the accelerator pedal and fingertip control unit each benefit from our unique Sensitive Drive System (SDS). Popular with drivers for its intuitive 'feel', SDS senses whether the truck is being operated assertively or cautiously – and then delivers a smoothly modulated performance for that particular situation.



- Fast response to full speed
- Medium speed response profile
- Slow speed response profile
- Typical controller curve

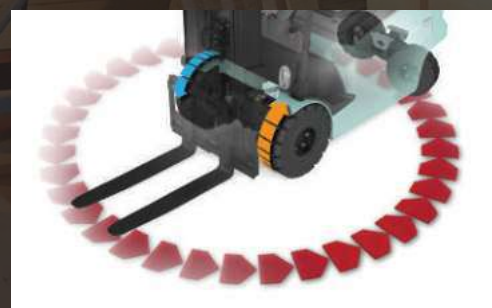
Model shown: FB25CN, EDiA EX



EDIA EX

EDIA EX

Four-wheel steering: the tightest turns around



Four wheel EDiA EM and EDiA EX models literally turn on the spot. At the back, the wheels turn by a huge 100°, while at the front, twin drive motors act independently – delivering incredibly agile, four wheel steering.

A great place to work.

A forklift's most important component is its operator. And drivers are most productive when they stop worrying about the truck, and focus on the job in hand.

That's why **EDiA** gives your operators the space, visibility and instinctive driveability to deliver in safety and comfort.

So when intelligent curve control senses a sharp turn, it limits speed early, not halfway round.

What's more, it's so natural, you won't even feel it. Smarter still, **EDiA** senses the way you need to work, from your very first touch. Confident users unlock huge performance, while beginners or operators handling fragile loads benefit from a gentler ride.

And of course there are all the usual refinements from Mitsubishi. We pioneered fingertip controls – and our latest option raises the bar again – delivering versatility, sensitivity and ease.

But Mitsubishi haven't overlooked the basics, such as familiar, easy-to-use pedals and an uncluttered cabin design.

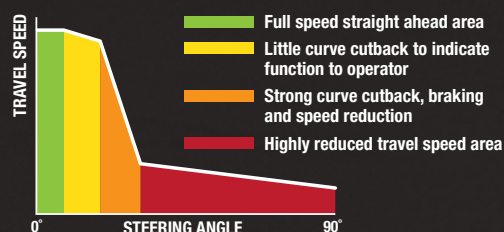
Simple touches like that transform productivity – but it's something many less experienced forklift makers seem to forget.

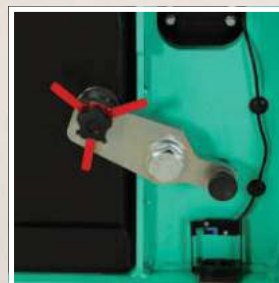
It's just common sense. But it works beautifully.

Intelligent Cornering System

Our unique ICS system helps drivers achieve maximum productivity by intelligently assisting with cornering – automatically reducing travel speed from the moment they enter a turn, rather than kicking in harshly midway. As the turn angle increases, speed is progressively and smoothly reduced.

EDiA's ground-hugging cornering gives operators total confidence and encourages safe operations.





EDiA EX



EDiA EX



EDiA EX

25 EDiA

Model shown: FB25CN, EDiA EX

Performance tailored to you



No two workplaces are the same. So **EDiA** can be tuned to work the way you do. Boost safety and economy, or maximise performance settings for highly-skilled drivers loading against the clock.

The choice is yours.

 **MITSUBISHI**
FORKLIFT TRUCKS

**The most intelligent and
the most agile.**



Wide range of cabins



Responsive fingertip control



FeatherTouch steering



Large floor space

Model shown: FB16ANT, EDIA EM

EDiA EM

FB14-20A(C)N(T) Series

3 and 4 wheel solid pneumatic tyres
48 V AC power
1.4 – 2.0 tonnes



Easy on/off access



Large 'entry window'



Bright and clear display



Choice of fingertip or lever control

Meet the EDiA EM. It's the most intelligent truck on the market and one of the most durable. Packed with features, it delivers the manoeuvrability, power and reliability you expect from a Mitsubishi.

Designed and engineered to perform, these 48-volt three and four-wheel electrics work intuitively, tailoring their performance to your individual operator. EDiA EM's sophisticated software analyses behaviour in real-time and automatically adjusts the truck's behaviour for safe-but-productive performance.

What's more, every EDiA EM has been developed to suit drivers of every size. The truck's spacious footwell, for example, accommodates size 50+ EU shoes, for maximum comfort – even through the longest shift.

- **Time-saving 360° steering on 3-wheel models** means the operator keeps the truck in constant motion – saving seconds on every turn.
- **Large, ultra-comfortable operating space** has been enhanced to meet the needs of drivers of all shapes and sizes for fatigue-free operation.
- **Spacious footwell** accommodates size 50+ (EU) shoes ensuring – whatever their size – operators enjoy a natural, ergonomic foot position.
- **Easy-access swaying entrance** allows fast and smooth entry to compartment, reducing strain on operators' knees, backs and heels.
- **Extra-large entry step** offers good grip, ensuring safe, no-slip entry and exit – whatever the footwear.
- **Wide open cabin** enables quick, ergonomic access and a range of comfortable driving positions.

3 wheel range

| | |
|----------|---------|
| FB14ANT | 1400 kg |
| FB16ACNT | 1600 kg |
| FB18ACNT | 1800 kg |
| FB16ANT | 1600 kg |
| FB18ANT | 1800 kg |
| FB20ANT | 2000 kg |

4 wheel range

| | |
|---------|---------|
| FB16ACN | 1600 kg |
| FB18ACN | 1800 kg |
| FB16AN | 1600 kg |
| FB18AN | 1800 kg |
| FB20AN | 2000 kg |

- **F2 thumb-control button** increases efficiency and safe use of fingertip controls without taking your eyes off the load.
- **Narrow inclined dashboard** enhances perception of surroundings – giving even greater visibility to the front and sides of the truck.
- **Unparalleled 360° visibility** thanks to optimised mast, wheel, dashboard and counterweight design, maximises visibility to load, forks, front and rear wheels for safe, confident operation in tight spaces.
- **Optimised pedal positioning** encourages a more natural foot position for drivers of all sizes – short and tall included – to keep fatigue at bay.
- **Contoured accelerator pedal with grooves** allows complete control of pedal movements – for safe and precise performance.
- **Elongated grab bar** helps drivers of all heights.
- **Flat, decluttered floor with exceptionally spacious footwell** increases comfort for distraction-free operations.



**A powerhouse
indoors and out.**



Optional acrylic roof



Crane segment option



F2 thumb button



>100° steering axle

Model shown: FB20AN, EDIA EM

EDIA EM

FB14-20A(C)N(T) Series

3 and 4 wheel solid pneumatic tyres
48 V AC power
1.4 – 2.0 tonnes



Fully featured cabin



Optional direction pedal



Optional sun visor



Optional lighting kits

- **Innovative modular design** uses universal parts for quicker service and reduced downtime.
- **High visibility design** offers minimal 'death angle' for improved safety, while eliminating unnecessary driver movements to keep drivers fresh.
- **Optimised free-lift cylinder** uniquely incorporates hoses to allow for improved visibility through triplex masts.
- **High-durability hoses** are resistant to wear and wide-ranging temperatures – ensuring minimal downtime and disruption.
- **Passive Sway Control** dampens any elevated load motion above 2.0 metres by compensating with micro chassis movements – standard with masts over 3.0 metres high.
- **High-efficiency motors** offer a high RPM range for precise control when accelerating.
- **Sensitive Drive System (SDS)** smooths start and stop movements, increases agility and adapts to the speed of operators' foot movements.
- **Intelligent curve control** senses the angle of a turn and responds – automatically reducing speed early in the manoeuvre – ensuring maximum stability and accurate, positive cornering.
- **ECO mode** encourages natural, smooth operation with optimal energy efficiency; ideal for long shifts, training, new and part-time users.
- **PRO mode** maximises performance parameters, giving full control to more experienced operators in intensive situations.
- **Custom settings** can be fine-tuned by a service engineer to meet any application, scenario or need using TruckTool.
- **>100° steering axle** with dual-drive motors offers smooth 'on the spot' turning, with no initial 'push'.

options include

- Limitless 360° steering (on 3 wheel models)
- Automatic tilt centring
- Integrated clamp release
- Manual levers
- Operator Presence Pedal
- Panel cabin
- Sideways battery change
- Fingertip controls

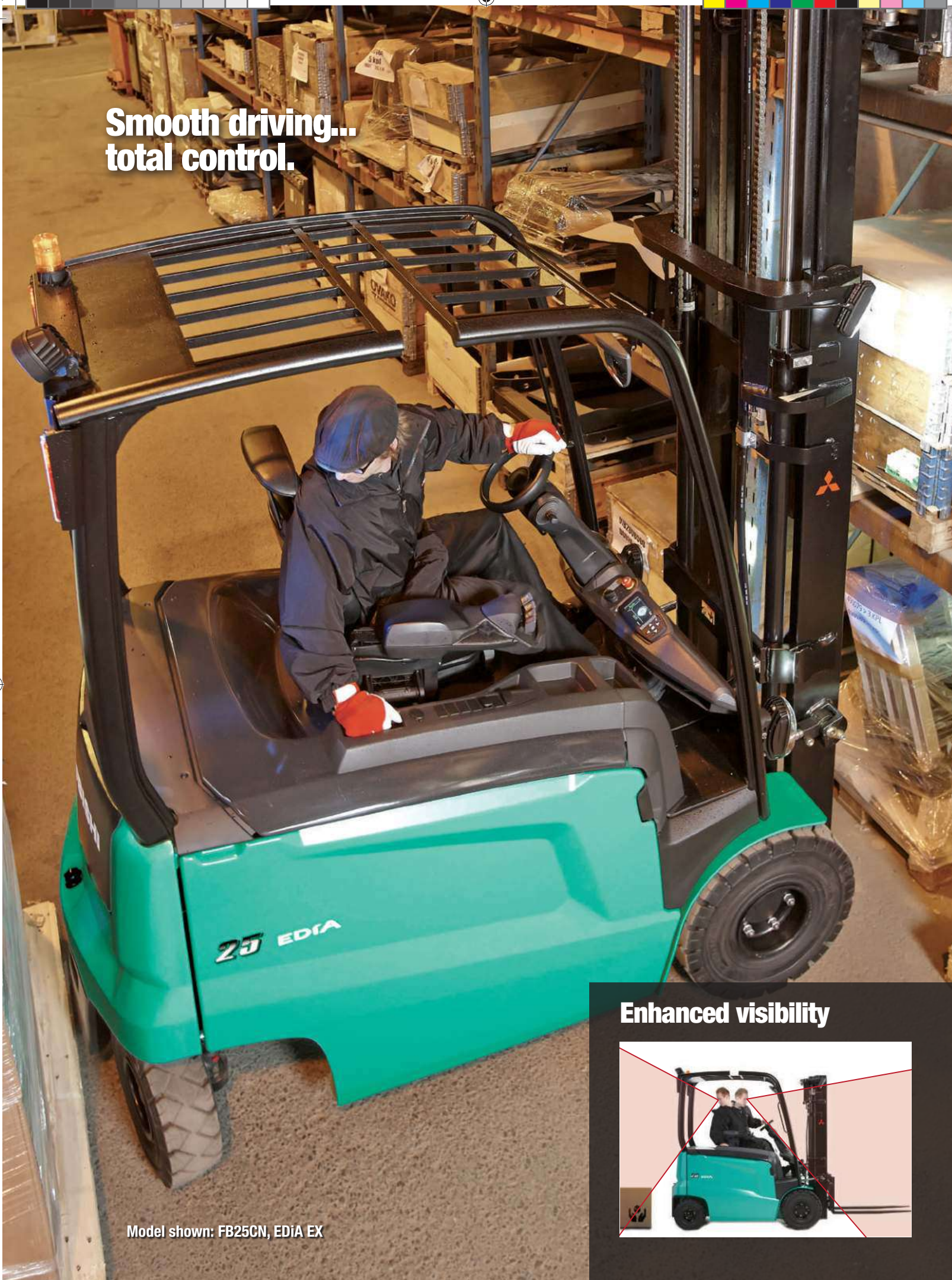
- **Electronic magnetic brakes** don't rely on brake pads – eliminating associated maintenance and the risk of brake dust and contamination.
- **Automatic parking brake with hill hold** stops the truck automatically when the accelerator is not engaged, and prevents rolling on ramps – no remembering to use a handle or switch.
- **Fast-access battery compartment** offers easy opening for maximum ventilation during charging and quick battery checks and maintenance.
- **Sideways battery change** utilises integrated sliding rollers offers multi-shift operations quick and easy battery change. (Option)
- **Sealed connectors** reduce the need for maintenance and repair.
- **Precision tilt and side shift** provides easy, fine control – making difficult movements safer and faster.
- **Load-sensing hydraulic system** automatically adjusts truck performance when handling loads at heights around 2.0 metres (standard from 3.0 metre mast heights) – for consistently safe and efficient operations.
- **Ergonomic self-centering steering wheel with knob at 8 o'clock position** offers exceptional visibility, control and comfort.
- **Highly-responsive steering wheel** automatically optimises power to steering for consistently smooth operations – regardless of speed or work intensity – for maximum control, comfort and safety.



Choose ErgoCentric fingertip control or ergonomic levers.



**Smooth driving...
total control.**



Model shown: FB25CN, EDIA EX

Enhanced visibility



EDiA EX

FBN Series

4 wheel solid pneumatic tyres
80 V AC power
2.5 – 3.5 tonnes



Clear, informative display



Extra-large entry step



Automatic parking brake with hill hold

Everything about EDiA EX inspires confidence. Rugged Mitsubishi build quality, simple, effective design... and the kind of smooth, instinctive control that gets the job done right first time, every time. Impressive residual lift capacities means EDiA EX packs the punch you need to lift larger loads to heights of 7 metres – a tiny turning circle brings that big-truck performance safely into the tightest space.

But the most inspiring thing about EDiA EX is the drive. From the moment you slide behind the wheel, everything just feels right. Drivers instantly feel at home – and perform at their best from day one.

- **F2 thumb-control button** increases efficiency and safe use of fingertip controls without taking your eyes off the load.
- **Optimised pedal position** with ergonomically-chosen position, shape and angle for each pedal feels familiar to use and are easy on the ankles, even in prolonged shifts.
- **Clear, informative display** in full colour, is easy to read from all angles and in direct sunlight. Perfectly positioned to give detailed operator guidance at a glance, without reducing all-round visibility.

EDiA EX's unique design delivers unrivalled visibility – and not just through the mast and overhead guard. The clever ultra-low dashboard profile gives your driver exceptional forward vision right through to the fork tips – while the specially contoured counterweight ensures a perfect view to the rear of the truck – ensuring safer manoeuvring in the tightest spaces.

| Model | Capacity |
|--------|----------|
| FB25CN | 2500 kg |
| FB25N | 2500 kg |
| FB30CN | 3000 kg |
| FB30N | 3000 kg |
| FB35N | 3500 kg |

options include

- Automatic travel and tilt speed reduction
- Ergonomic operator presence pedal
- Automatic tilt centering

- **ErgoCentric adjustable armrest** allows a natural hand position, with easy one-hand adjustment, minimising injury and fatigue.
- **Fully adjustable driving position** create the perfect seat, arm and steering wheel position for each operator's unique needs.
- **Plenty of storage space** for on-board essentials, putting clip board, mobile phone, drinks bottle and pen all easily to hand.
- **Wide, open cabin** enables quick, ergonomic access and a range of comfortable driving positions.
- **Ergonomic panels and covers** facilitate smooth, easy cabin entry.
- **Extra-large entry step** for safe, no-slip entry and exit – whatever the footwear.
- **Flat, uncluttered floor** with exceptionally spacious foot well area means more comfort, and no distractions.
- **Generous grab bar** helps drivers of all heights.



ErgoCentric adjustable armrest with integrated fingertip control



EDIA^{EX} FBN Series

4 wheel solid pneumatic tyres
80V AC power
2.5 – 3.5 tonnes



Works in any weather



Easy on-off access



Rear axle steers more than 100°



Dual pedal layout option

- **Sensitive Drive System (SDS)** smooths start and stop movements, increases agility and instinctively adapts to the way each operator drives.
- **Intelligent curve control** senses the angle of a turn, and reduces speed earlier in the manoeuvre for maximum stability and accurate, positive cornering.
- **Touch-sensitive fingertip controls**, natural feeling, spring-loaded response: press gently for finer control.
- **Tight space agility rear axle** steers through a full 100°, with dual drive motors for instant, smooth turning on the spot and no initial 'push' – reducing stock damage in tight aisles.
- **Perfectly weighted steering** and optimal steering wheel size with a light but firm feel gives confidence and manoeuvrability at all speeds.
- **ECO mode** encourages natural, smooth operation with optimal energy efficiency; ideal for long shifts, training, new and part-time users.
- **PRO mode** maximises performance parameters, giving full control to more experienced operators in intensive work.
- **Custom settings** can be fine-tuned by a service engineer to perfectly match any given application, scenario or need.
- **Unparalleled 360° visibility** from optimised mast, wheel, dashboard and counterweight design maximise visibility to load, forks, front and rear wheels – giving safe, confident operation in tight spaces.
- **Sealed, wet-disc brakes** are protected from the elements and virtually maintenance-free.
- **Automatic parking brake** with hill hold stops the truck automatically when the accelerator is not engaged, and prevents rolling on ramps – no remembering to use a handle or switch.
- **Precision tilt and side shift** enables easy, fine control makes important and difficult movements faster, and safer.
- **Straightforward component layout** carefully planned for fast, easy access, reducing downtime and cutting routine servicing bills.
- **Sealed connectors** reduce the need for maintenance and repair.
- **Foot-operated direction changing options** are available for drivers who prefer to select forward or reverse with pedals.



**High power performance...
low energy use.**



Easy on-off access



Fully adjustable steering column



Clear-view overhead guard



Wide range of optional configurations

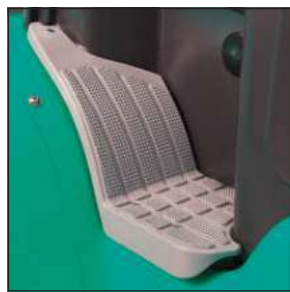
Model shown: FB Series

FB Series

4 wheel pneumatic tyres
80V AC power
4.0 – 5.0 tonnes



Clear display



Non-slip low step



Spacious cabin

Reducing your energy bills should not limit your performance. FB Series forklifts are optimised to maximise your operating efficiency – consuming up to 25% less energy.

Meanwhile, we've incorporated a host of features to maximise your operator's efficiency, too. From 'set-it-and-forget-it' performance adjustment systems to spacious, adaptable compartments, we have focused on increasing power, comfort and safety, so your operators are free to deliver.

- **Choice of control systems (ECO and PRO)** tailors the truck's performance profile to your precise needs.
- **Ecologic (ECO) drive maximises energy** efficiency and peak performance in typical applications.
- **Progressive (PRO) models** deliver higher travel and lift speeds for intensive applications (optional).
- **Cornering control** optimises speed on curves – further increasing stability.

options include

| Model | Capacity | Model | Capacity |
|---------|----------|---------|----------|
| FB40 2 | 4000 kg | FB45C 2 | 4500 kg |
| FB40C 2 | 4000 kg | FB50 2 | 4990 kg |
| FB40S 2 | 4000 kg | FB50S 2 | 5000 kg |
| FB45 2 | 4500 kg | | |

- Fingertip hydraulic controls
- Grip/horn button for reversing
- Load weight indicator
- Speed control
- PlusCab panel cabins

- **Exceptional visibility** through clear-view overhead guard and mast ensures precise handling with total confidence.
- **Dynamic steering system** responds effectively to speed and environment for precise, reliable control.
- **Adjustable armrest with integrated fingertip controls** increases operator comfort and precise control.
- **Advanced controller with three-phase AC technology** smoothly adjusts acceleration, speed and braking to suit load, application and driver – reducing energy use, while increasing productive power.
- **Clear display** alerts drivers and service engineers to potential issues – avoiding damage encouraging maintenance.



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 Mitsubishi Forklift Trucks organisation.

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



when
**reliability is
everything...**



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.

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

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MOVE THE WORLD FORWARD **MITSUBISHI
HEAVY
INDUSTRIES
GROUP**

**MITSUBISHI
FORKLIFT TRUCKS**