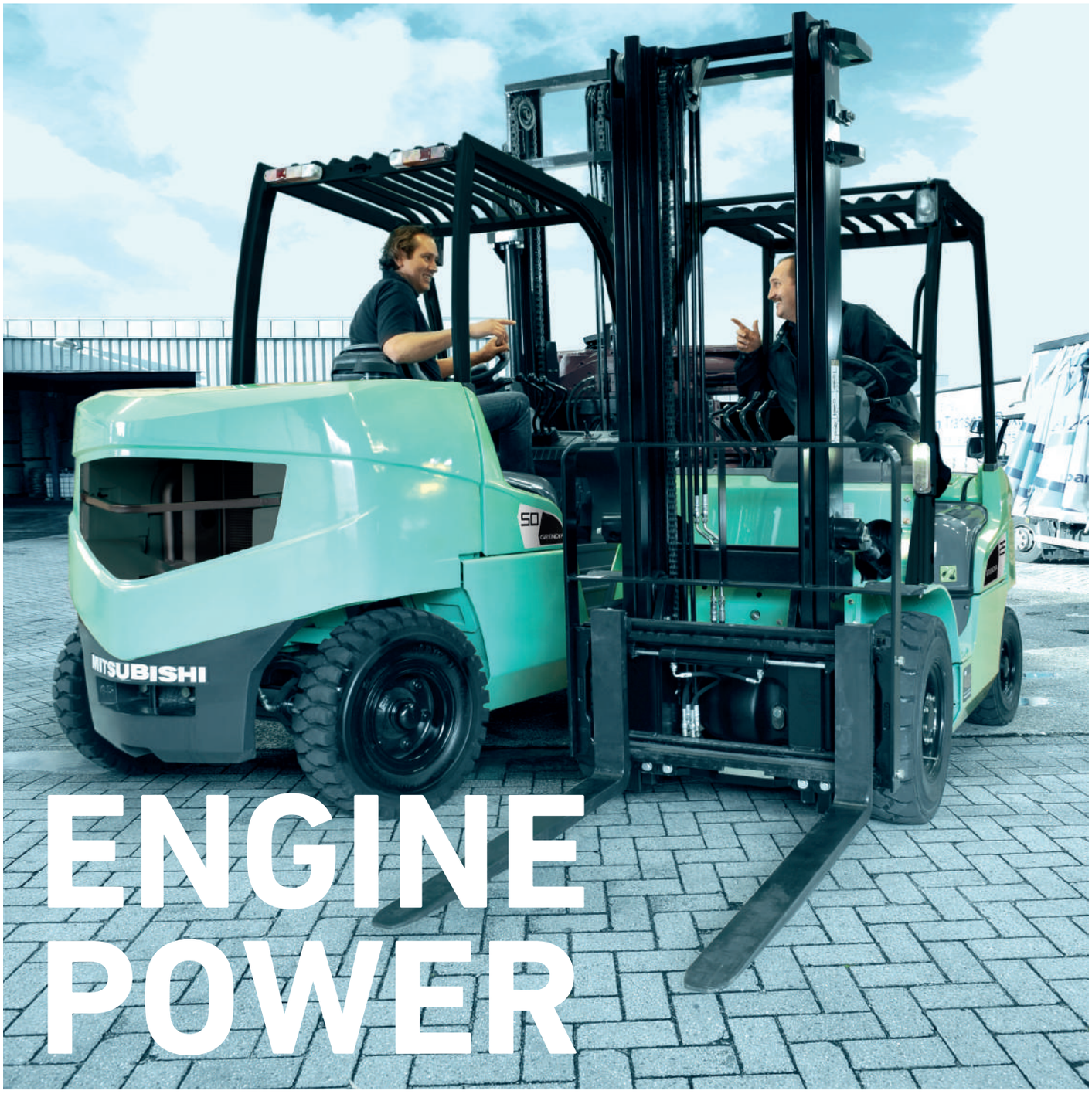
MOVE THE WORLD FORWARD

MITSUBISHI HEAVY INDUSTRIES GROUP

GRENDIA



ENGINE POWER

WHEN RELIABILITY IS EVERYTHING...

MITSUBISHI FORKLIFT TRUCKS

GOOD FOR OPERATORS...

Designed for high-productivity, GRENDiA's sure-footed stability, ergonomic features and absolute predictability mean it's a favourite with operators.

We've been working with operators and forklifts for a very long time and it's clear that it's the little things that make the biggest differences.

For example, pedals have a familiar, car-like layout - at an angle that's comfortable to use all day.

Visibility's great all around, and the whole truck is naturally stable and sure-footed to use.

Fingertip controls? Not a problem. We engineered them.

It has those common-sense touches that deliver a real diffrence to the way you work.

See the uncluttered access that operators like so much? It also makes daily checks faster and halves the cost of servicing. The six-roller design doesn't just make our mast strong - it delivers unrivalled economy.

Little touches make all the difference.

BOLZONI ALRAMO
BOLZONI ALRAMO

GOOD FOR BUSINESS...

Don't let its stylish exterior fool you.

Behind every GRENDiA's toughened, green shell you'll find everything you need to keep your operations running their best... whatever your environment.

Packed with advanced features, **GRENDiA** excels, particularly in high-intensity, heavy-duty operations.

It's all possible because, at its heart is a truly industrial engine. It's fitted with drive chain as standard, so there's no time lost to timing belt replacements.

And to keep your engine at its most productive, it's triple-protected against dust, thanks to a belly guard, closed wheel arches and cyclone air filter as standard.

GRENDiA offers some of the longest service intervals in the industry. But we couldn't stop there. Its RapidAccess servicing panels reduce servicing costs and downtime even further.

That design pays dividends every day: from faster pre-operation checks to quicker lighbulb changes. On some trucks, it takes 35 miutes. On **GRENDiA** it takes just two.

We've taken the time to think it through. And the result is a truck that's tougher, cheaper to run and absolute joy to use.

Thousands love **GRENDiA**. We hope you and your drivers will, too.

GRENDIA
25
iPS

POWER UP PERFORMANCE

GRENDiA ES • FD25N(3)

Clear-view mast

Grip/horn button for reversing (optional)

Informative LCD display

Easy service access

GRENDIA ES

FG15-35(C)N / FD20-35N3 Series

MODEL	CAPACITY	MODEL	CAPACITY
FD/FG20N(3)	2000 kg	FG15N3	1500 kg
FD/FG25N(3)	2500 kg	FG18N3	1750 kg
FD/FG30N(3)	3000 kg	FG20CN3	2000 kg
FD/FG35N(3)	3500 kg		

4 Wheel Pneumatic Tyres
1.5 - 3.5 tonnes

Fully hydrostatic steering

Fingertip hydraulic controls (optional)

LED working lights

Full belly guard construction

Developed to help your operator achieve maximum productivity, while minimising running costs, GRENDIA ES sets the highest standards for IC engine counterbalance forklift trucks.

With its exceptional fuel economy, durable components and low-maintenance design, **GRENDIA** makes perfect business sense. What's more, it comes with a package of advanced features, fitted as standard, that offers true value for money.

Fast, stable and exceptionally powerful, **GRENDIA** forklift trucks offer high efficiency and extremely low emissions, in line with Euro Stage V regulations.

To that, Mitsubishi Forklift Trucks has added a host of ergonomic features to maximise comfort, control and precision. The result is a forklift that can be relied upon to deliver top performance, whatever the application, whatever the conditions.

- **Advanced common rail diesel technology,** diesel particulate filter (DPF) and diesel oxidation catalysts (DOC) ensure clean and efficient fuel consumption, as well as low noise.
- **Three-way catalytic converter** – fitted as standard – significantly reduces exhaust emissions to one of the industry's lowest levels (LPG models only).
- **Advanced speed control** – as standard on diesel models – restricts speed while still maintaining full power on ramps.
- **Engine management controller** allows for simultaneous, multiple engine and electronic functions, resulting in industry-leading fuel consumption and lower emissions.
- **Robust construction** has been designed and rigorously tested to ensure high stability, rigidity and protection.
- **Full belly guard construction** protects engine compartment from any ingress – including dirt, dust and water – for long engine life.
- **Compact design** allows for reduced aisle dimensions, ensuring cost-effective operations.

Delux cabin

GRENDiA ES

GRENDIA ES

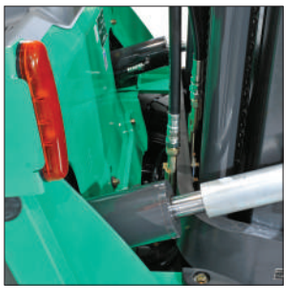
FG15-35(C)N / FD20-35N3 Series

4 Wheel Pneumatic Tyres
1.5 – 3.5 tonnes

Automotive-style pedals

Wide range of options

Rapid access features


Robust construction

- **Heavy-duty clear-view mast** offers market-leading vision of fork tip and load, for faster cycle times and reduced damage.
- **New bearing high-strength carriage** features six bearings, allowing for quicker load handling.
- **Fully hydrostatic steering** is responsive, precise and effortless for the operator and requires little maintenance.
- **Rugged rear axle assembly** with metal bush mounts (instead of competitors' more fragile rubber mounts) is extremely durable.
- **Fully hydrostatic drum brakes** give excellent control with little effort and are easy to maintain.
- **Powerful hydraulic system** offers high residual capacities for comfortable handling of heavier loads.
- **Integrated Presence System (IPS)** prevents all movement of the truck and its mast if the operator is not seated, as well as providing a seatbelt warning light and parking brake alarm.
- **Onboard diagnostics and detailed fault diagnosis** via computer connection alerts operators and service engineers to problems, speeds up servicing and prevents damage.
- **LED lights** fitted as standard for 'see-and-be-seen' safety.
- **All-round visibility** together with ergonomic design and layout of all controls improves comfort, reduces fatigue, increases precision and raises productivity.
- **Fully adjustable, full-suspension Grammer seat** with hip restraints and safety belt keeps driver comfortable through the longest of shifts.
- **Automotive-style pedals** with optimum pedal angle are easy to use and give good control without leg strain.
- **Adjustable steering column** with memory function helps guarantee optimum driving position, every time.
- **Cowl-mounted hydraulic levers** provide easy-to-reach, easy-to-use control of mast operations.
- **Low noise level** at operator's ear (just 78 dBA) and low vibration from powertrain increase comfort and reduce fatigue.
- **Clear, informative meter panel** includes essential warning lights and LCD display with speedometer, soot level indicator, clock and dual hour meter.

MAXIMISE YOUR PRODUCTIVITY

GRENDiA EX

Convenient handbrake button

Advanced LPG technology

User-friendly hydraulic features

Fingertip hydraulic controls (optional)

GRENDiA EX

FD/FG40-55(C)N3 Series

4 Wheel Pneumatic Tyres
4.0 – 5.5 tonnes

MODEL	CAPACITY	MODEL	CAPACITY
FD/FG40N3	4000 kg	FD/FG50N3	5000 kg
FD/FG45N3	4500 kg	FD/FG55N3	5500 kg
FD/FG50CN3	5000 kg		

Front LED working lights

PlusCab panel cabin

Automotive-style pedals

Electronically controlled parking brake

Built to work as hard as you do, GRENDiA EX promises reliable, class-leading performance – whatever the challenges.

Tried and tested in the toughest applications, this no-nonsense design builds on the successes of its predecessors – delivering optimal performance.

GRENDiA's sophisticated Euro Stage V compliant engines and long-life design keep running costs and maintenance demands low – for maximum efficiency and productivity.

Green inside and out, **GRENDiA EX** keeps noise and exhaust emissions to a minimum, while delivering improved overall economy.

- **Stylish, purposeful design** reflects this machine's power to work productively, non-stop, whatever the conditions.
- **Robust construction** provides high stability, rigidity and protection, with no exposed wires or hoses.
- **Strong, high-visibility mast** allows handling of heavy loads in tough environments with total confidence.
- **Wide range of high-quality masts and attachments** deliver precise compatibility and an ideal configuration for each application.
- **Turbocharged diesel engine** delivers the power of a 5.0L engine, with the economy of a 3.4L engine, while meeting Euro Stage V standards.
- **Diesel oxidation catalysts (DOC) and diesel particulate filter (DPF)** efficiently burn soot particles while the truck is in operation – avoiding costly downtime.
- **Advanced LPG engine with three-way catalytic converter** delivers precise, controlled performance and market-leading fuel economy with very low emissions compliant with Euro Stage V standards.

GRENDiA EX

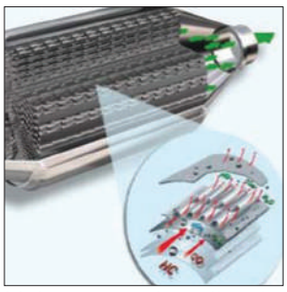
GRENDIA EX

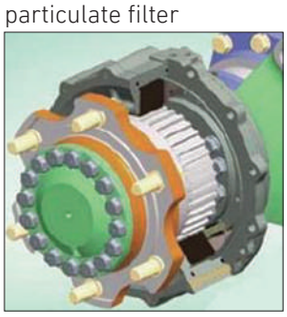
FD/FG40-55(C)N3 Series

4 Wheel Pneumatic Tyres
4.0 – 5.5 tonnes

Hydraulic control levers

Full-suspension seat


Maintenance-free diesel particulate filter


Optional oil-cooled wet disk brakes

- **Fully floating powertrain** with two-speed forward and one-speed reverse transmission maximises gradeability and travel speed, minimises noise and vibration, and uses maintenance-free gears instead of belts to lower running costs.
- **Adjustable transmission shift** timing increases versatility, for optimum performance in a wide variety of applications.
- **Large diameter drive axle shafts** are extremely durable and require little maintenance.
- **Fully hydrostatic steering system** – together with compact design – ensures effortless, precise and responsive manoeuvring – even in tight spaces.
- **Angle-sensitive steering system** provides quick turning at low speeds and precision control at higher speeds.
- **Powerful drum brake system** gives excellent control with little effort and is easy to maintain.
- **Electronically controlled parking brake** allows safe, effective immobilisation of the truck with minimum effort – and without restricting knee and leg movement.
- **Powerful hydraulic system** is specifically designed to minimise noise in the operator's environment.
- **Integrated Presence System 2 (IPS2)** pioneered by Mitsubishi Forklift Trucks prevents all movement of the truck and its mast if the operator is not seated.
- **Onboard diagnostics and detailed fault diagnosis** via laptop connection alerts operators and service engineers to problems, speeds up servicing and prevents damage.
- **Fully adjustable, full-suspension Grammer seat** with hip support keeps driver comfortable through the longest of shifts.
- **Hydraulic control levers** are easy to reach and easy to use.
- **Market-leading ErgoCentric design** results in easy on-off access, a unique, adjustable steering column with position memory, user-friendly controls, a practical layout and great all-round visibility – for maximum precision and productivity.
- **Optional fingertip hydraulic controls** with integrated, fully adjustable, high-comfort armrest (an award-winning concept) allows effortless precision.

LET US FIND YOU THE PERFECT FIT.

Confidence comes from knowing you have the right tool for the job. The same goes for your forklift truck.

Our diverse line-up of counterbalance and warehouse equipment makes sure you get the right truck every time – whatever the job.

Designed with your success in mind, our trucks deliver outstanding performance, innovations and safety.

They are ready to take on any job you give them, with a wide range of configurations so they meet your every need.

So let your local Mitsubishi Forklift Trucks dealer find you the perfect fit today.

Diesel forklift trucks

GRENDiA ES

Powerful, reliable and precise, our 1.5 to 16.0 tonne **GRENDiA** and **TREXiA** trucks are friendly to everyone: the environment, your operators and your fuel economy, too.

GRENDiA EX

LPG forklift trucks

GRENDiA ES

Advanced in every way, our **GRENDiA** solid pneumatic tyre ranges and our cushion tyre models deliver high efficiency and low emissions – a winning combination – indoors or out.

GRENDiA ES

Electric 3-wheel forklift trucks

EDiA EM

User-friendly, innovative and flexible, our three-wheel **EDiA** electrics deliver high performance – even in tight spaces and wet conditions.

EDiA EM

Electric 4-wheel forklift trucks

EDiA EX

Our four-wheel electric trucks are exceptionally powerful and easily cope with the toughest tasks and longest shifts – wherever you need it to be.

EDiA EM

Powered pallet trucks

PREMiA ES

These non-stop performers offer a huge range of transfer possibilities: from short shuttle work to applications which go the distance.

Stackers

AXiA ES

Compact and easy to use, our versatile stackers, including the popular **AXiA**, ensure high productivity – whatever the setting.

Reach and multi-way trucks

SENSiA EX

Our **SENSiA** range of reach and multi-way trucks deliver the height of productivity.

Order pickers

VELiA ES

Working at heights up to 10.5 metres, our **VELiA** order pickers deliver highly efficient performance at all levels.

PBS20N Series

SBR12-20N Series

SENSiA EM

VELiA ES

WHEN RELIABILITY IS EVERYTHING...

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.

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.

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.

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CEBM2076 (09/20)

MITSUBISHI FORKLIFT TRUCKS

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