

MOVE THE WORLD FORWARD  MITSUBISHI
HEAVY
INDUSTRIES
GROUP



REACH TRUCKS

SENSIA Reach Trucks

WHEN
RELIABILITY IS
EVERYTHING...

 **MITSUBISHI**
FORKLIFT TRUCKS

ACT ON INSTINCT.

Driving a reach truck requires concentration and precision, especially when deadlines require fast work with no room for error.

That's why Mitsubishi Forklift Trucks designed the high-performance **SENSiA** range.

High-efficiency drive motors and hydraulic systems deliver impressive speed and power in a compact, stable body, allowing **SENSiA** to excel at lifting loads into high racking, or operating in tight spaces.

Progressive 360-degree steering feels perfect at every speed, while acceleration and cornering are familiar and smooth. It's simply instinctive.

But a reach truck is only as productive as its driver. With the spacious, easy-access cabin, **SENSiA** has intuitive fingertip controls that respond naturally to the pressure of touch, enabling operators to focus on the job at hand. A clever F2 thumb button doubles the number of integrated functions on select models – like optional side shift and tilt centring and pre-height selection – that can be used without even moving your hand.



Total Driver Control

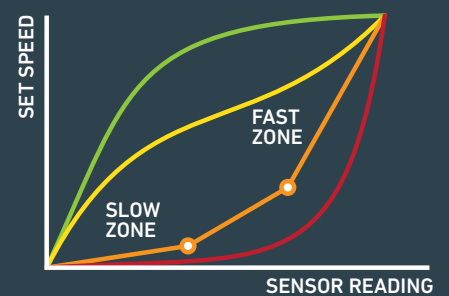
SENSiA

A high performance reach truck is only as good as its driver. SENSiA responds naturally to the operator's touch – helping them make the most of its smoothness, maneuverability and power.



Sensitive Drive System

On SENSiA, 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 specific situation.



- Full speed response profile
- Medium speed response profile
- Slow speed response profile
- Typical controller curve

DESIGNED FOR OPERATORS

Reach trucks are a partnership of driver and machine. Skilled operators are an important investment, and managers work hard to protect them from the physical and mental stresses of a challenging job.

The average reach truck operator mounts and dismounts the truck up to 100 times per day. We made that easier with a lower seat position, ergonomic hand bars, a wide, non-slip intermediate step, and an adjustable steering console that folds neatly out of the way.

Inside the open, easy-access operator compartment, everything is carefully designed to help the driver stay comfortable, focused and efficient – even during the longest shifts. Pedals are positioned and angled to minimize ankle stress, while adjustment of the ergonomic armrest and full-suspension seat gives operators complete control over their own driving position.

Finally, we introduced low-noise technology so the sound at their ear level is no louder than a normal conversation. With **SENSiA**, the driver can be as fresh and productive at the end of their shift as they were at the start.



SENSiA ES



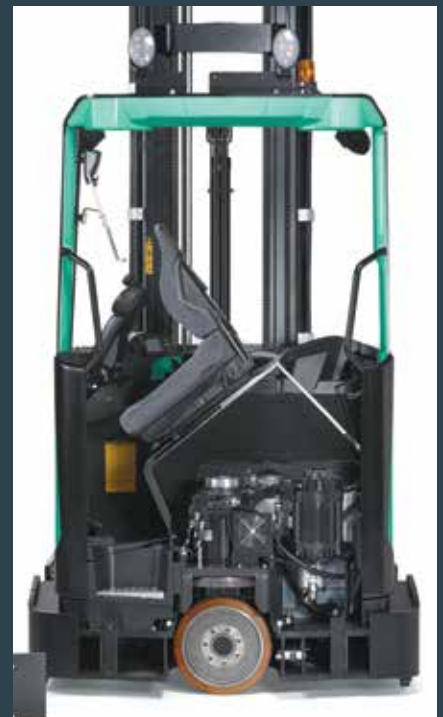
Reliable performance

With powerful AC motors, high-performing hydraulics and patented revolutionary mast design SENSiA has the strength to lift heavier loads, to higher heights than most other trucks its size.

This means you can make the best use of the precious space you have available with a truck that's nimble and easy to maneuver with absolute precision.

Chances are, you won't find yourself pushing the truck to the limit – in speed or lifting capacity – any time soon. And that's just one way that **SENSiA** minimizes downtime and service costs.

Temperature-controlled drive and lift motors help to prevent overheating damage. Regenerative braking helps to reduce brake wear while CAN-bus electrics helps to reduce wiring.



**TOUGH ON
THE OUTSIDE**



SENSiA ES

RB14-16N2L Series

Reach Trucks
1.4–1.6 tons

MODEL	CAPACITY	MODEL	CAPACITY
RB14N2L	1400kg	RB16N2L	1600kg



High visibility color display



1070mm width between support legs



Ultra-low step height



Multifunction hand/armrest

A truck is only as good as its driver, that's why the SENSiA ES – like all SENSiA reach trucks – works intuitively to help your operators work to their full potential.

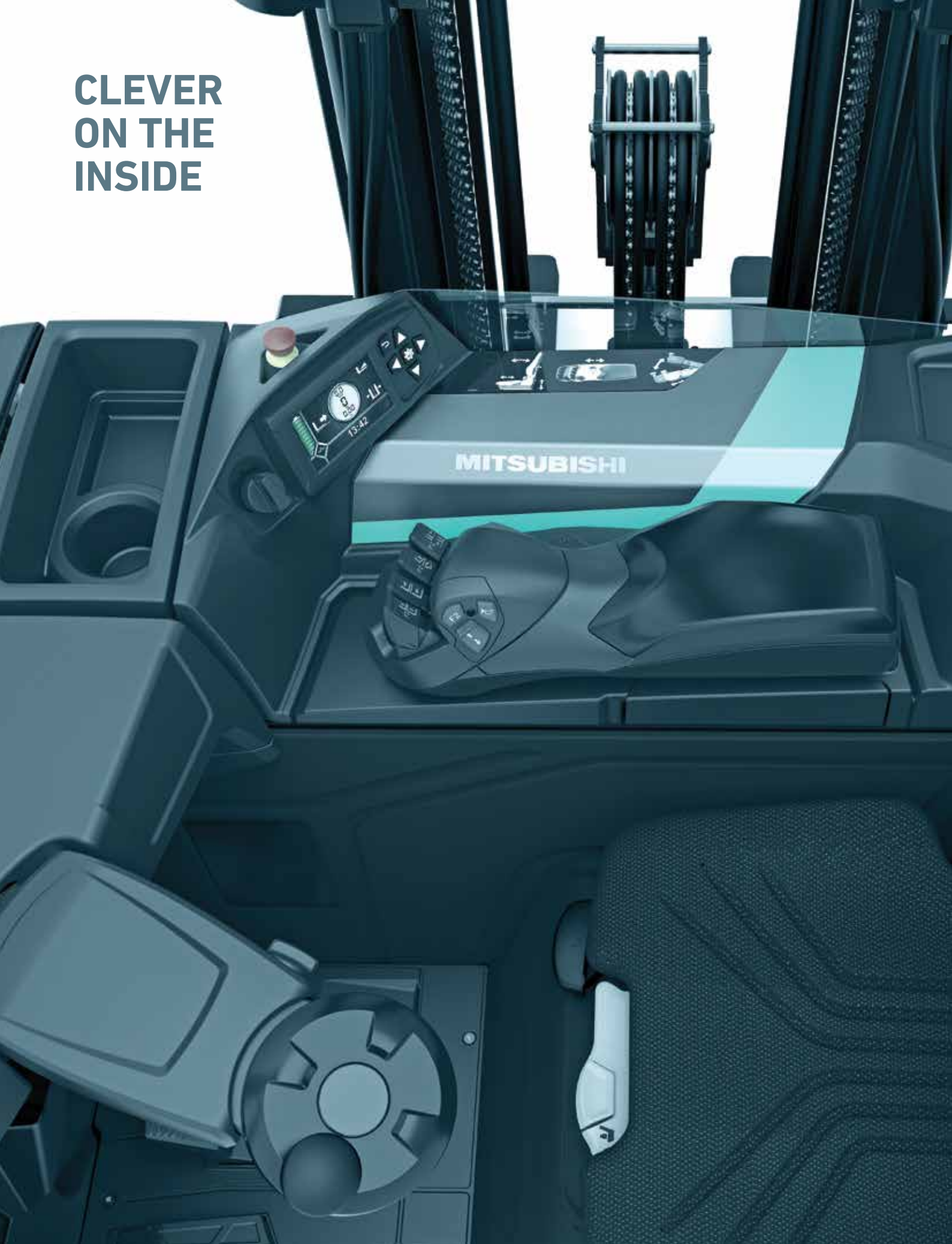
A choice of performance modes means that whether the most experienced or inexperienced driver sets foot inside the award-winning **SENSiA** operator compartment, they will quickly and easily be able to configure the truck to their level.

Comfortable and highly ergonomic throughout, the **SENSiA** makes long shifts fly by with minimal fatigue. From a wide choice of seats to the highly adjustable armrest with progressive fingertip controls, the truck is built to stay perfectly in-tune with the driver and feel like a natural extension. **SENSiA** makes sure your drivers stay focused, even when the heat is on.

- **Unlimited 360-degree progressive electric steering**
Maneuvering is easy at low speeds and offers effortless control at higher speeds.
- **Cornering control**
Even at er travel speeds, cornering is efficient and stable.

- **Passive Sway Control**
The chassis moves slightly to compensate for elevated load motion and dampen it.
- **Clear-view fork carriage**
This has integral side-shift and offers optimal visibility of forks at the first stacking level.
- **1070mm support legs**
Operator can easily control pallets and loads are protected.
- **Folding steering wheel console**
Length and angle of column are adjustable to give each operator the optimal driving position. Lifts up for easy entry and exit of the operator compartment.
- **Multifunction armrest controls**
Operator's arm is well supported and unnecessary movements are minimized. Controls for reach, lift, tilt, fork positioning, direction and horn are all within easy reach.
- **Mitsubishi SDS (Sensitive Drive System)**
An intuitive driver-assist system for increased protection. Performance is managed according to steer angle and the velocity of foot and finger controls.
- **High-efficiency regenerative braking**
This gives more effective control and reduces brake wear.
- **Load wheel brakes**
These provide extra braking power. (Option)

**CLEVER
ON THE
INSIDE**



SENSIA ES

RB14-16N2L Series

Reach Trucks
1.4–1.6 tons

MODEL	CAPACITY	MODEL	CAPACITY
RB14N2L	1400kg	RB16N2L	1600kg



Optional blue-spot safety light



Left and right hand bars for easy operator compartment access



Folding steering wheel console



Unlimited 360° electric steering

- Powerful AC drive motor**
 High torque, even at faster speeds. Efficient, smooth, and quiet performance which helps to lower service costs.
- Choice of two operation modes (ECO and PRO)**
 The truck's performance can be tailored for enhanced performance or extended shift life.
- High-efficiency drive motors and hydraulic systems**
 Exceptional shift length between charges or changes.
- Tilting battery cover**
 Quick, easy access for maintenance and charging.
- Clear-view overhead guard**
 Great visibility while still offering high levels of overhead protection.
- Powerful AC hydraulic motor**
 Lifting and lowering is fast and controlled.
- Spacious and comfortable operator compartment, clear view and fast, accurate fork positioning**
 This all helps to increase productivity and reduce driver fatigue - even on the longest shifts.
- Easy-access operator compartment**
 This features ergonomic hand bars, low non-slip intermediate step and entry to provide effortless entry and exit.
- Full-suspension, fully adjustable seat**
 Drivers are kept comfortable and alert throughout long shifts.
- Clear information display**
 The driver is given key information such as guidance, warning, and alarms at just a glance.
- Low-noise technology**
 The sound level at the driver's ear is no louder than a typical conversation.



REACH NEW HEIGHTS



SENSiA EM

RB14-25N2 Series

Reach Trucks
1.4–2.5 tons



Clear, informative display



Low non-slip step



Tilting battery cover



Ergonomic hand bars

SENSiA EM is designed for effective and efficient operations. Its highly sensitive control system and progressive, modulated fingertip response curves allow operators to work with accuracy and confidence.

A choice of two operating modes means **SENSiA EM** can be adapted for different operators. PRO mode is ideal for experienced warehouse staff looking for optimum performance, while ECO mode puts novice operators at ease with natural handling. **SENSiA EM** can even be customized by a service engineer to ensure that the truck's settings suit specific needs.

The generous operator compartment space and ergonomic armrest helps to ensure operators stay comfortable and productive throughout the longest shifts.

- **High-efficiency regenerative braking**
Provides more effective control and reduces brake wear.
- **Load wheel brakes**
These give extra braking power (standard on H and X models only).
- **Powerful AC drive motor**
High torque, even at faster speeds. Efficient, smooth, and quiet performance which helps to lower service costs.

MODEL	CAPACITY	MODEL	CAPACITY
RB14N2HS	1400 kg	RB16N2HS	1600 kg
RB14N2S	1400 kg	RB16N2S	1600 kg
RB16N2	1600 kg	RB20N2H	2000 kg
RB16N2C	1600 kg	RB20N2X	2000 kg
RB16N2H	1600 kg	RB25N2X	2500 kg
RB16N2HC	1600 kg		

- **Choice of two operation modes (ECO and PRO)**
The truck's performance can be tailored for enhanced performance or extended shift life.
- **High-efficiency drive motors and hydraulic systems**
Exceptional shift length between charges or changes.
- **Sensitive Drive System**
An intuitive driver-assist system for increased safety. Performance is managed according to steer angle and the velocity of foot and finger controls.
- **Award-winning Active Sway Control (ASC) (on selective models)**
Delays caused by mast sway are reduced and performance is smoother and more stable. (Option)



SENSIA EM

RB14-25N2 Series

Reach Trucks

1.4–2.5 tons



Folding steering wheel console



Ergonomic armrest controls



Comfortable pedal layout



Easy-access cabin

- **Tilting battery cover**
Quick, easy access for maintenance and charging.
- **Battery rollers**
Changes are quick and easy.
- **Revolutionary VisionMast® (not available on "L" models)**
The operator gets unrivalled forward vision.
- **Passive Sway Control**
The chassis moves slightly to compensate for elevated load motion and dampen it.
- **Clear-view overhead guard**
Great visibility while still offering high levels of overhead protection.
- **Powerful AC hydraulic motor with extra-strength pump (H models)**
Lifting and lowering is fast and controlled.
- **Easy-access compartment**
Features ergonomic hand bars, low non-slip intermediate step and entry to provide effortless entry and exit.
- **Folding steering wheel console**
Length and angle of column are adjustable to give each operator the optimal driving position. Lifts up for easy entry and exit to the operator compartment.
- **Multifunctional armrest controls**
Operator's arm is well supported, helping to cut down on unnecessary movement. Controls for reach, lift, tilt, fork positioning, direction and horn are all within easy reach.
- **Full-suspension, fully adjustable seat**
Drivers are kept comfortable and alert throughout long shifts.
- **Clear information display**
The driver is given key information such as guidance, warning, and alarms at just a quick glance.



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 10.0 tonne **GRENDiA** and **TREXiA** trucks are friendly to everyone: the environment, your operators and your fuel economy, too.

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.

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.

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 them to be.



GRENDiA EX



GRENDiA ES



EDiA EM



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.

Order Pickers



VELiA ES

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



SBR12-20N Series



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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