

# SENSIA Reach Trucks

and Multi-Way Reach Trucks

1.4 – 2.5 tonnes



*Ready to Perform  
To Your Applications*

 **MITSUBISHI  
FORKLIFT TRUCKS**

# SENSiA

## CREATING DISTINCTION

Mitsubishi designed **SENSiA** – a high performance truck (capable of reaching up to 13m rack height) possess the required aspect to help operator to stop thinking about the controls, and focus on the job in hand.

**SENSiA**, our industry-leading fingertip controls take another leap forward: responding naturally to the pressure of your touch. Progressive steering feels perfect at every speed, while acceleration, mast and cornering are familiar and smooth. It's simply instinctive.

Yes, the truck's state-of-the-art AC drive motor and hydraulics deliver impressive speed and lifting power in a compact, stable body. Yes, **SENSiA** has Mitsubishi's legendary build quality. And yes, this is our best mast yet.

But at Mitsubishi, we know a reach truck is only as productive as its driver. So we also built a spacious, easy-access cabin that's free from distractions, ensured great all round visibility, and created a choice of custom drive modes to suit the operator's task, experience and skill.

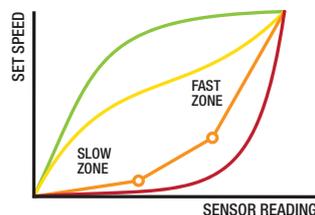


\*Picture is for illustration purpose only. Contact your dealership for more information.



## SENSITIVE DRIVE SYSTEM

**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.



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

# IMPEL ERGONOMICS



## SPACIOUS CABIN

Inside the wide open, easy-access cabin, everything is carefully designed to help the driver stay comfortable, focused and efficient – even during the longest shifts. Pedals are shaped, positioned and angled to minimise ankle stress, **while flexible, three-dimensional adjustment for the ergonomic armrest and full suspension seat** gives operators full control over their own driving position. No annoyances. No aches. Just pure productivity.



## VIVID DIGITAL DISPLAY

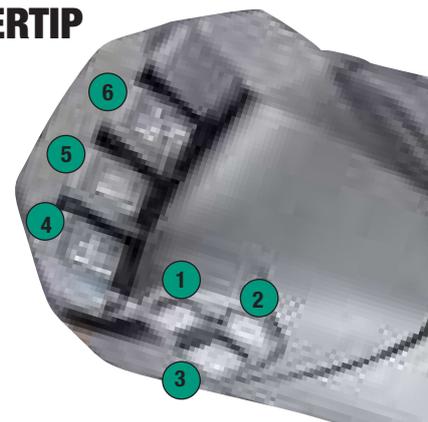
**SENSiA** lets managers match the truck's drive settings to the driver and task. **PRO mode** maximise performance in the hands of an expert; **ECO mode** makes things simpler for inexperienced or part-time operators, while also prolonging battery life for a longer shift.

The **full-colour driver display** is visible from all angles, even in direct sunlight, and gives drivers simple, intuitive access to guidance, settings, warnings and alarms – reinforcing good practice, even at the busiest times. It all adds up to efficient, mistake-free handling.



## FUTURISTIC FINGERTIP CONTROL

1. F2 Functional Button for additional information
2. Horn
3. Directional Drive Selector
4. Lift Level
5. Tilt Lever
6. Side-Shifter Lever



# MORE POWER MORE STORAGE

With powerful, AC motors, class-leading hydraulics and revolutionary mast design, **SENSiA** has the strength to lift bigger loads, to higher heights, than most other trucks of its size.

Or, to put it another way, you can have a smaller truck than you thought.

That means aisles can be smaller, operating spaces tighter, and you can make the best use of the precious space you have available.

Of course, if that's not going to slow your operators down, you also need a truck that's nimble, and easy to manoeuvre with absolute precision. Oh, and great all round visibility is a must, to give the clearest possible view of the truck, the load and the space available.

That's why **SENSiA** has **unlimited, 360-degree electric steering**, with a firm, progressive feel... and exceptional visibility through the revolutionary **Visionmast**, clear-view fork carriage and overhead guard and the open, uncluttered cabin. At any time, the operator knows exactly what's going on. And the mast design doesn't just give great visibility. It's the strongest and most stable we've ever made – with a choice of sway control systems for fast, accurate work at height... **and the confidence to deliver.**



There's no waiting for mast sway, either. You've a choice of Passive Sway Control and our award-winning Active Sway Control option, to get the load where it needs to be – quickly, and in one piece.







## More reliability too...



**SENSiA** literally has performance to spare. 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** minimises downtime and service costs. **Temperature-controlled drive** and lift motors prevent overheating damage. **Regenerative braking** reduces brake wear. **CAN bus** electrics reduce wiring, and make the truck fast and easy to fix. **Clever battery compartment design** makes changing, charging and maintenance quick, simple and safe. Quite simply, **SENSiA** works harder, for more of the time.

## YOUR ULTIMATE BUSINESS SOLUTION



Clear, informative display



Low non-slip step



Tilting battery cover



Ergonomic hand bars

Mitsubishi reach truck is specially engineered to take any operator's performance to the next level.

With class-leading **travel speeds of up to 14 km/h**, SENSiA reach trucks are easily tailored to your needs with a choice of **two performance modes**.

- Experienced drivers will fully exploit the higher performance capability of the Professional (**PRO**) mode.
- New or inexperienced warehouse staff will respond to the **Ecologic (ECO)** mode which has been configured to work naturally and economically in any environment.

\*For more specific needs, the truck's settings can be **customised** by a service engineer.

SENSiA drives productivity higher through its futuristic fingertip control system – the most sensitive and accurate in the world. With its progressive, modulated fingertip response curves, it delivers a 'feel' and an accuracy that put drivers in total control. Together with the ergonomic armrest, SENSiA ensures operators stay focused, safe and productive – even through the longest shifts.

- **Revolutionary Visionmast** offers unrivalled forward vision and superb lifting ability.
- **Powerful AC drive motor** provides high torque, even at fast speeds, for rapid acceleration and smooth, quiet, controlled, efficient operation – and lowers service costs.
- **High energy drive motors** and hydraulic systems deliver exceptional shift length between charges or changes.
- **Choice of two driving modes (ECO and PRO)** tailors the truck's performance profile to your precise needs.
- **PRO mode** with high performance settings gives experienced operators complete control of the truck's efficiency and performance.

### options include

- Extra hydraulic valve and hosing to fork carriage
- Telescopic forks
- Lifting height indicator and pre-height selector
- Camera with monitor
- Side shift and tilt centering
- Quick battery locking system, foot operated

### capacities

RB14N2S 1.4 t	RB14N2HS 1.4 t	RB16N2S 1.6 t	RB16N2HS 1.6 t
RB16N2 1.5 t	RB16N2H 1.6 t	RB16N2C 1.6 t	RB16N2HC 1.6 t
RB20N2H 2.0 t	RB20N2X 2.0 t	RB25N2X 2.5 t	



*Ready to Perform  
To Your Applications*





Folding steering wheel console



Ergonomic armrest controls



Comfortable pedal layout



Easy-access cabin

- **ECO driving mode** encourages natural, efficient operations – reducing fuel costs.
- **Unlimited 360-degree electric steering** gives precise control with minimal effort.
- **High efficiency regenerative braking** means effective control and reduced brake wear.
- **Sensitive Drive System (SDS)** offers precise control of mast and truck behaviours for accurate, smooth and stable performance.
- **Passive Sway Control (PSC)** significantly reduces the risk of sway to safeguard lives and loads.
- **Award-winning Active Sway Control (ASC)** available as an option offers further protection, reducing delays caused by mast sway, and ensures accurate, smooth and stable performance.
- **Maintenance interval calculator** encourages correct servicing, for optimum component life and minimum downtime.
- **Temperature control** in drive and lift motors and controllers – prevents damage from overheating.
- **Battery rollers** make changes quick, easy and safe.
- **Spacious and comfortable cabin, clear view and fast, accurate fork positioning** increases productivity and reduces risks of driver fatigue – even on the longest shifts.
- **Easy-access cabin** with ergonomic hand bars and low non-slip step provides safe and effortless entry.
- **Folding steering wheel console** with adjustment for column length and angle, lifts up for easy access and ensures optimum position for each driver.
- **Full-suspension, fully adjustable seat** keeps driver safe, comfortable and alert through the longest shifts. (Luxury seat with lumbar support, electrical height adjustment and air or mechanical suspension is available as option.)
- **Ergonomic armrest** matches driver's natural operating position and is fully adjustable – reducing fatigue.
- **Patented fingertip control system with modulated response curves** is optimised for natural movement – for precise, effortless control.
- **Intuitive joystick** for accurate control with the palm, is available as an option with fourway hydraulic valve systems.
- **Easy-to-understand display communicates key information to driver** including guidance, warnings and alarms – encouraging good practice.
- **Highlift mast**, up to 13m rack height
- **Telescopic forks options**, for deep racking application.



SENSIA

**Pinpoint precision...  
in every direction**



# RBMK series

## Multi-way reach trucks

2.0 – 2.5 tonnes



Swing-open cab design



Featherlight hydraulic controls

These highly specialised trucks are designed to tackle the problem of handling long loads – such as pipes or timber – in very narrow aisles or other confined spaces. Their movement can be forward, backward, sideways, diagonal or rotational, as well as up and down. Together with convenient controls and full 360° turning of each wheel, this allows infinitely precise steering of the truck and pinpoint positioning of the load.

To optimise manoeuvrability, each support wheel has its own independent steering motor and braking system. Full programmability ensures that travel speed, acceleration and braking are suited to the application and operator.

- **Rapid lift and lower speeds** increase productivity.
- **High-frequency control unit for pump** ensures smooth, jolt-free performance for each hydraulic action.

### options include

- Lift height indicator
- Lift height pre-selector
- Hinged elbow support
- Radio and loudspeakers
- Warning light
- Seat headrest

### capacities

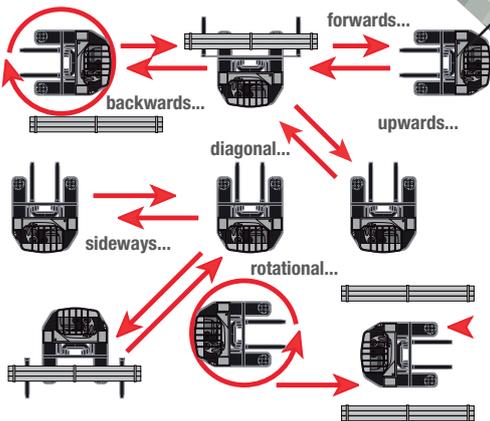


- **Hydraulic fork spreader** is fitted as standard for efficient long-load handling.
- **Limitless 360° electric steering and feather-light hydraulic controls** ensure effortless operation, however long the shift.
- **Spacious, ergonomic cabin and smooth performances** allow operator to work in quiet comfort.
- **Clear-view mast with fork tilt and fork positioner** allows high visibility and precise positioning of loads.
- **Strong regenerative braking** speeds up work cycles, extends battery life and protects components from premature wear.
- **Built-in diagnostics and fault memory** mean fast troubleshooting and minimum downtime.
- **Swing-open cab design** gives total access for rapid servicing and repair.



### modes

- Normal Travel
- Sideways Travel
- Diagonal Travel
- Rotation



ready to  
**perform**  
to your **applications**

**Developed for outstanding performance and genuine value for money, the award winning range of Mitsubishi forklift trucks and warehouse equipment is built to a higher specification to maximize productivity and ensure utter reliability... whatever the application.**

It's what you'd expect from one of the world's largest corporations whose companies are at the leading edge of technologies where performance, quality and dependability can never be compromised.

It means that, from a single safe source, we can meet 98% of all handling requirements, supplied to you via range of competitive finance options including outright purchase, rental or leasing.

So your local dealer can advise you on precisely the right product for your application... and your budget.

Moreover, because we understand how much you depend on your Mitsubishi forklift truck, we deliver the highest levels of customer support.

You can find your nearest dealer at  
**[www.mitforklift.com.sg](http://www.mitforklift.com.sg)**

*\*Mitsubishi Forklift Trucks has won **four** separate Fork Lift Truck Association Annual Awards for Excellence covering the areas of **Ergonomics**, the **Environment** and **Innovation**.*



[www.mitforklift.com.sg](http://www.mitforklift.com.sg)

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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 distributor of Mitsubishi forklift trucks dealer. Mitsubishi Forklift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.