

Mitsubishi Forklift Trucks has announced the latest addition to its comprehensive range of warehouse trucks: SENSiA.



In developing this 11-strong family of reach trucks, the manufacturer conducted a Europe-wide study among managers and operators of forklift trucks to pinpoint the secret to optimum reach truck operations.

The answer? The closest possible partnership between driver and machine.

Recognising the significant investment skilled operators represent, designers from Mitsubishi carefully considered every aspect of truck and operator to achieve exceptional performance.

Total driver control



Lifting to a towering 13 metres, SENSiA features revolutionary, patented fingertip controls with modulated pressure that responds naturally to driver's touch.

An F2 thumb button doubles the number of integrated functions – such as optional side shift and tilt centring and pre-height selection – and can be used without moving the hand.

SENSiA's performance can be tailored to operator's needs with a choice of two settings as standard. While ECO mode keeps power consumption low and is ideal for new operators or extended shifts, PRO mode provides more experienced operators with higher performance – ideal for peak periods in the warehouse.

Stress protection

Typically, reach truck operators will mount and dismount their vehicle up to 100 times a day – which is equivalent to lifting 7,000 kg per shift. SENSiA's low seating position (just 1,030 mm), ergonomic hand bars and a wide, no-slip step help reduce the effort required by operators. The adjustable steering console can be neatly folded away for even easier on/off access.

Inside, the truck's spacious cabin has been carefully considered with pedals that minimise ankle stress. Flexible adjustment of the ergonomic armrest and full suspension seat lets operators optimise their driving position.

The special design of the cabin – together with VisionMast, which was pioneered by Mitsubishi – offers operators exceptional visibility of the forks and the load.

A smooth operator

Delivering the smoothest possible transition between stages SENSiA is the ideal partner for lifting valuable or fragile loads safely at height. SENSiA's *Sensitive Drive System* (SDS) boosts driver confidence by ensuring drive movements are seamless, while firm, progressive steering keeps trucks nimble in racking, while stable at speed.

Importantly, loads are inserted and removed from racking in the fastest possible time through *Passive Sway Control*, and Mitsubishi's award-winning *Mitsubishi Active Sway Control* – available as an option – which combine to dramatically reduce mast sway.

With lifting capacities ranging from 1,400 kg to 2,500 kg, the new range comes in standard and high performance models and can be customised for the widest range of applications.