



# FIORA

OMG SIDELOADERS MAKER

## Order Picking Sideloaders C SERIES

**Multidirectional order  
picking side loaders**  
**Capacity: 2.000 / 2.500 Kg**



The FIORA | OMG 's order picking side loaders are designed and built for long loads handling. They come with multi-directional drive. Ideal work environments are warehouses aisles and narrow spaces. The philosophy behind our choices is the use of sturdy and cutting-edge materials and components in order to guarantee the safety and reliability of our products even in the most demanding working conditions.

### **Reliability and functionality** **Ergonomics driving**

The main characteristic of the order picking side loaders is the possibility of lifting up the driving cab, allowing the operator to be lifted together with the forks. This improves visibility and safety by carrying out all the picking operations of materials (usually bars, pipes, profiles, etc.) directly from the shelves, without lowering the load. The lifting of the loading forks is independent from the driving cab and allows an optimal and extremely precise positioning;

therefore, the operator is not subjected to excessive or inconvenient efforts to do the picking operations. In all models, entrance in the cab can be done from the corridor side, making access possible even if the forklift is in the working aisles, between the shelves. Driving comfort is assured by a comfortable and natural posture and the easily accessible position of the controls ensures perfect control of the unit.

# ROBUST, SAFE AND RELIABLE: THESE ARE THE FEATURES OF THE ORDER PICKING SIDE LOADER FIORA | OMG



The use of resistant and reliable materials, the precision of their manufacturing, the attention to detail, make the order picking side loader FIORA | OMG versatile, agile, extremely pleasant to drive and safe, even in hard working conditions.



POLYURETHANE



CUSHION

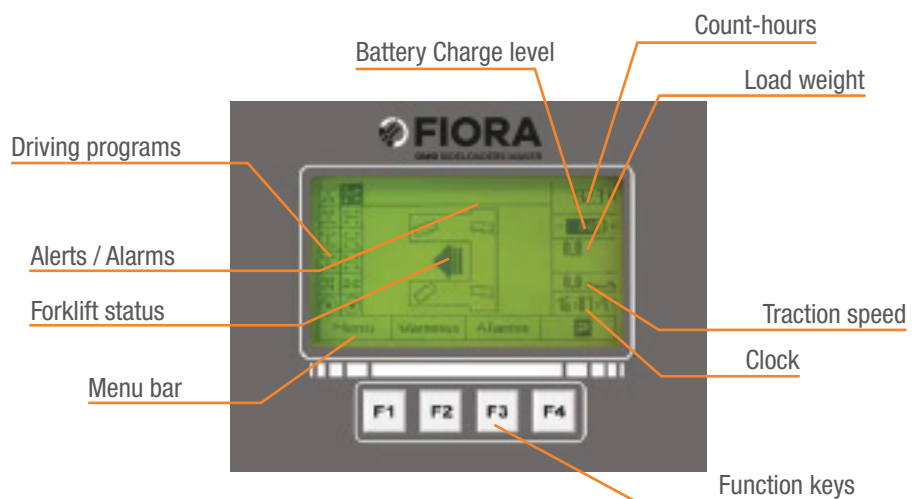


**Polyurethane or cushion rubber wheels:** to work inside warehouses on industrial floors or outside, on paved surfaces. Hydraulic brakes ensure quick response.

**Balanced tilting frame** divided into two parts (mechanical compensation) to work even on slightly irregular pavements, constantly keeping the contact of the wheels on the ground, improving the stability of the machine.



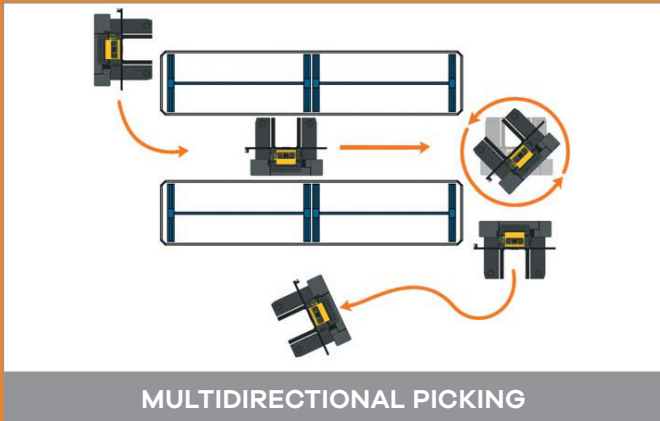
All the functions of the order picking side loader are activated by a **multifunctional proportional Joystick** that allows, with one hand, to lift the cab or forks, to start the retractable movement of the mast, to tilt, etc ...



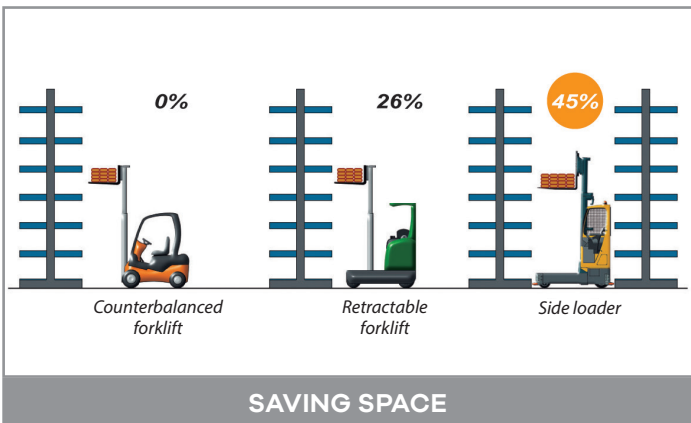
**In the multi-directional version, a large LCD display** shows all machine's information, steering wheel positions, direction of driving, active functions, alarms. Modern Open CAN bus technology, applied to the entire electrical system, allows constant monitoring of the machine and the related information appear directly on the display. It is possible to customize the parameters of the machine and make it manageable at will, by simply accessing the function menu.

All the components assembled on our side loaders are of high quality, in order to guarantee a reduction in maintenance times, with a consequent reduction in running costs. Furthermore, the arrangement of the components mounted on the unit is suitably designed to allow quick and easy maintenance operations.

Possible optional features and customisations (e.g.: fork holder plate with hydraulic positioner, guide rollers, automatic floor pre-selector, LCD camera, etc ...) can be specially designed and manufactured for particular applications, making the machine even more versatile and suitable for specific use.



The multi-directional version of the order picking side loader offers the operator the possibility to select the between 6 different driving ways, on both sides. The side loader can steer with the front wheels only or with the rear wheels only, or with all four at the same time. It can also run diagonally and rotate in place, or lock the wheels with the 'in-corridor' guide and improve the working safety of the machine.



# TECHNICAL FEATURES

- **Start-up with personalized PIN code.**
- **Cushion rubber wheels with a large diameter** (2 wheels on the battery side and 4 twins on the load side) to operate both inside the warehouses and outside on yards, reducing the average pressure on the ground.
- **Balanced tilting frame** divided into two distinct parts, to maintain the constant contact on the ground of all the wheels and to work on irregular pavements, increasing the stability of the machine.
- **Lowered loading platforms**, to take advantage of all the available space on the shelves.
- **Mast** with extruded profiles in oversized manganese steel.
- **High safety coefficients** to guarantee large residual capacities at maximum height even with extended load centers.
- **AC alternating electronics** and management of open-bus control units.
- **Adjustment and customization of movement and lifting speed parameters.**
- **High power AC motors** without brushes, to optimize performance and reduce maintenance costs.
- **Braking system with energy recovery** for more performance and longer battery life.

