



**Electric Multi - Directional  
Order Picking Sideloader**

**PK Series**



*Multi-directional picking sideloader*

## Technical Specifications

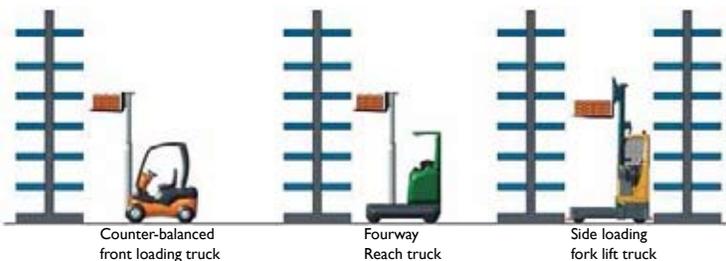
FIORA trucks employ the latest technology to ensure reliability and efficiency.

- Safety and security provided with an individual driver pin code provision necessary to start and operate the machine.
- Large sized cushion / poly / or SE tire options. Individual wheels located on the battery side and twin tires on the load side provide high ground clearance suitable for working indoors and outdoors. This stable platform reduces the average wheel pressure to 5.5 lbs/in<sup>2</sup>.
- Two individual and balanced frames maintain the vehicles stability on uneven or slightly irregular floor surfaces. The wheels are kept in contact with the surface and evenly distribute the pressure.
- Low deck height for better space utilization at low levels.
- Mast sections are oversized and built with extruded manganese steel.
- High safety coefficients allow high residual capacities at the maximum elevation even with extended load centers.
- ~AC electronics and control unit management through open CAN-BUS architecture. High torque brushless ~AC motors optimize performance and reduce maintenance.
- Adjustment and customizing of speed and lift parameters.
- Energy recovery braking system improves the battery cycle and life expectancy providing wear free braking further reducing maintenance.
- Quick battery exchange for multi-shift work environment.

## Features

The FIORA picking sideloaders are designed and manufactured to handle long loads or palletized material in narrow aisles. They are offered in multi-directional or 4 way versions. The philosophy behind the PK machine is to utilize the latest technology combined with a robust, safe, reliable work platform to operate in even the most arduous working conditions.

### Space Savings

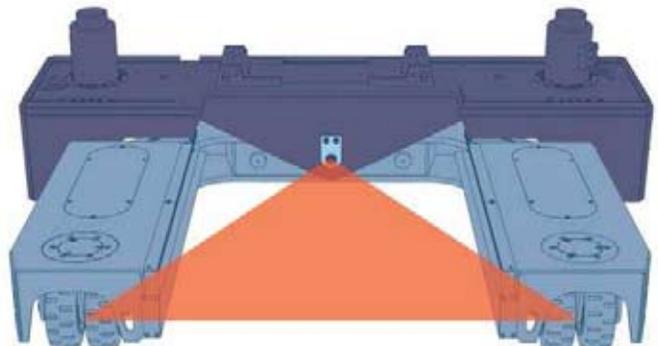


*Rubber cushioned twin load side wheels*

## Driver friendly ergonomics

A key feature of the PK sideloader is the height-adjustable cabin, allowing the operator to be raised and lowered in conjunction with the forks. This man-up feature improves visibility and safety as well as allowing placement and selection of products individually - without having to lower the entire load.

An independently operated fork carriage, in relationship to the operator cabin, allows for accurate positioning of the forks. This enables the operator to select individual items for placement on to the forks at a convenient level to the operator. The design of the cabin also allows the operator access from either side, an important factor when the truck is situated in the narrow working aisle.



*Two independent balanced frames*

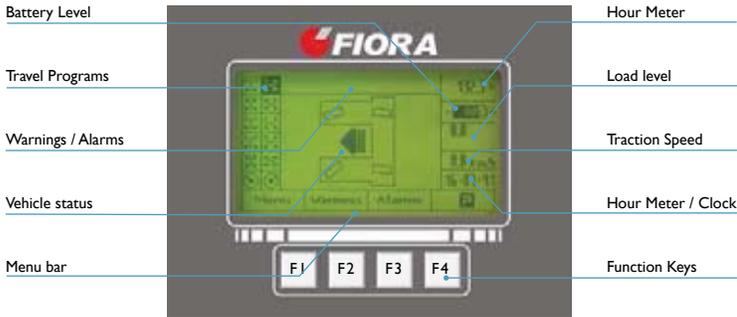
## Multifunction proportional joystick

All functions are actuated through a multi-function proportional joystick. The joystick controls the positioning of the cabin, forks and operation of the mast traverse and fork tilt.

In the multi-directional version, a wide LCD display shows all vehicle information such as wheel angle, travel direction, active functions as well as plain text alarms.



The modern open can-bus technology allows continuous monitoring of the machine with information displayed on the easy to understand LCD display.



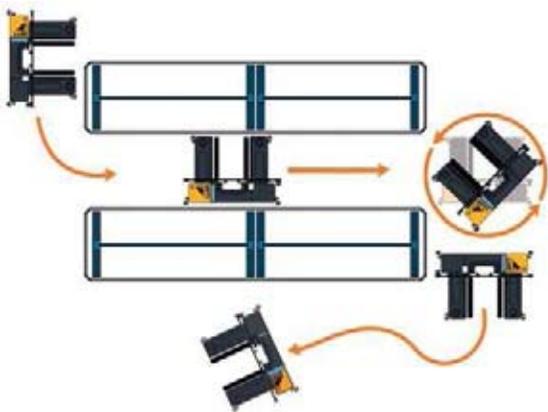
## Maintenance

FIORA's on going commitment to employ the latest technology and advanced componentry makes it possible to reduce maintenance times and limit operating costs. The layout and installation of the components has been designed to allow quick and easy maintenance access.

## Optional

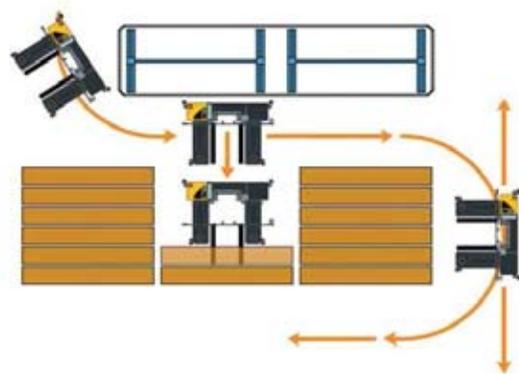
Optional equipment such as: extended load bed, wide fork carriage with hydraulic adjustable forks, individual fork load leveling, guide rollers, automatic laser shelf level selector, camera and LCD screen, integrated load weight cells and much much more . . . . are available - sideloaders custom built to suit your application.

## Multi-directional Travel



The multi-directional steering system allows the operator to choose from 12 different steering modes. It is possible to steer via the front wheels, the rear wheels or all four wheels simultaneously. This allows the truck to negotiate service aisles, travel diagonally or turn on its own axis. Must be driven to be appreciated.

## 4 Way Travel



The 4Way version offers an economical steering solution with its conventional forward / reverse travel and sideways operation. Loads are easily accessed from tight quarters. It remains highly maneuverable and the vehicle is able to turn within its own length.



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Manufacturer reserves the right to make technical changes without prior notice.  
Pictures and illustrations may show equipment that is not fitted on the standard version.