

SIDEWINDER

OMNI-DIRECTIONAL LIFT TRUCK



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BY VEHICLE TECHNOLOGIES

OMNI-DIRECTIONAL TECHNOLOGY

The **SIDEWINDER ATX-3000** provides unprecedented maneuverability in even the most limited of spaces. New **Omni-Directional Technology** allows the **SIDEWINDER ATX-3000** to travel in all directions making it the ideal vehicle to work with in tight spaces where turns are not possible and where exceptional inching capability is required.

The **SIDEWINDER ATX-3000** features a 48 volt AC Power System with state-of-the-art control technology, variable lift speed, variable travel speeds (up to 6 mph), excellent visibility, ergonomic joystick controls, and maximized operator comfort.

Increase Storage Density by placing heavier loads higher in the rack, reducing aisle width, and decreasing space between pallets.

The patented design of the four independently driven wheels result in low vibration Omni-Directional capability.

The **SIDEWINDER** features both Omni-Directional Technology and a 4-wheel drive system. This unique combination provides the **SIDEWINDER** with superior traction and braking.

Each wheel consists of a high strength, steel hub with 12 specially designed polyurethane coated rollers.

The rollers rotate freely, providing Omni-Directional movement of the vehicle based on the speed and direction of each wheel.

Designed to overcome obstacles, the **SIDEWINDER ATX-3000** can power through potholes and climb over obstacles in its way that are up to 3 inches high.



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ADVANCED DESIGN FEATURES

48 Volt AC Power System

The **SIDEWINDER** 48 volt power system offers fast response, precise control, high levels of efficiency and an advanced regenerative braking system.



Virtually No Maintenance

The design of the **SIDEWINDER** reduces the requirement for numerous parts found in conventional lift trucks. The design has also eliminated other high maintenance issues associated with conventional lift trucks. The **SIDEWINDER** has transmissions and motor bearings that have been lubricated and sealed for life. The result is modular drive units that are maintenance free.

Easy To Operate

The **SIDEWINDER** is easy to operate and the intuitive control system can be learned in just a few minutes.



Dual Joystick Controls

The traction joystick controls rotation, forward, backward and sideways motions of the **SIDEWINDER**. The driver merely pushes the joystick in the direction he wants the vehicle to travel. The farther he pushes it, the faster it will travel (within speed settings). The second joystick handles all of the hydraulic movements: lift, tilt and auxiliary functions.

These two simple joysticks eliminate the need for a steering wheel, hydraulic levers, shift lever, parking brake lever, and foot pedals. This leaves the operator compartment uncluttered and comfortable.

The dashboard features an electronic display with BDI, vehicle status indicator, and it provides continuous feedback on vehicle condition.



Designed to Maximize Safety

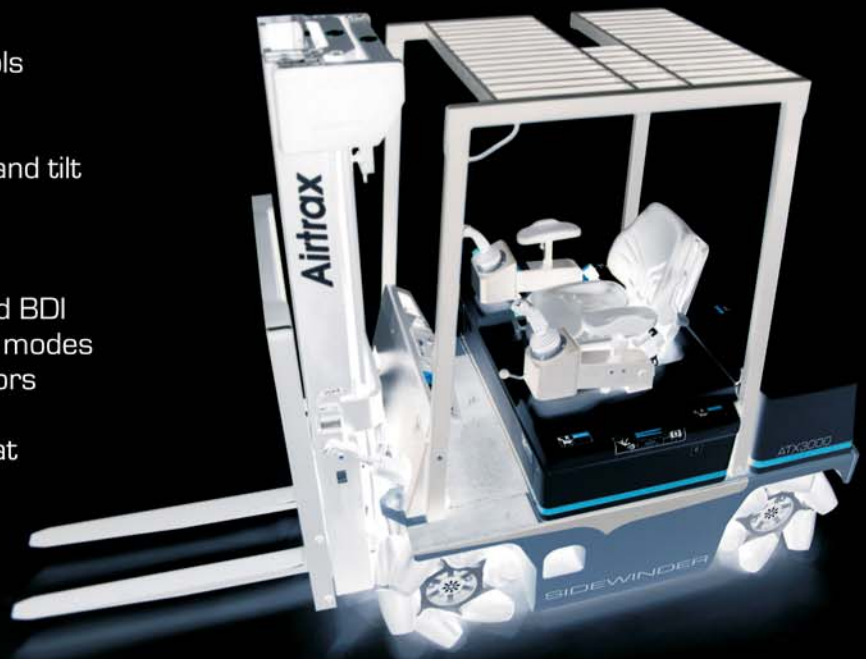
- Unparalleled visibility due to low rise cowl
- ANSI Compliant Overhead guard
- Retractable seatbelts and ample seat bolsters
- Fixed right-hand and moveable left-hand arm rest that serve as hip restraints
- Conveniently located disconnect switch
- Parking brakes on all four wheels
- Interlocks to prevent inadvertent vehicle movement
- Slip resistant surfaces on floor plates and steps
- A lower center of gravity allows for added stability and superior lift height ratings.



SIDEWINDER ATX-3000

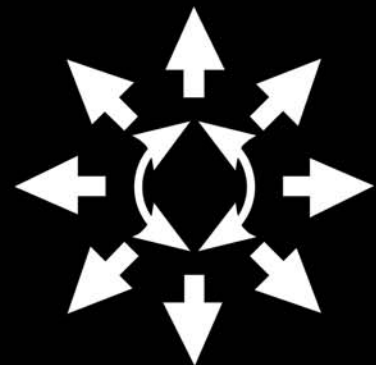
Standard Features

- Omni-Directional Mobility
- Joystick traction and hydraulic controls
- 127" 2-stage limited free lift mast
- 42" forks
- Proportional electronic control of lift and tilt
- Variable speed traction control
- Variable speed hydraulic control
- Emergency disconnect switch
- Electronic display with diagnostics and BDI
- User selectable performance/ speed modes
- Maintenance free, brushless AC motors
- High visibility overhead guard
- 3-way, adjustable vinyl suspension seat
- Adjustable arm rest height
- Tie down/lifting eyes
- Electric horn
- On/Off key switch



Optional Features

- Various mast types and heights
- Various fork lengths
- One or two auxiliary hydraulic functions
- Illumination Package - Headlights/Rear work light
- Strobe light
- Stop, tail and back-up lights
- 12 volt DC to DC converter
- Electric brake release for emergency towing
- 3-way, adjustable cloth suspension seat
- Reflective decal and stripe package
- A variety of factory installed attachments



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