

# Vertical Rail Lifter

MANIPULATOR

COMPACT. EFFICIENT. ERGONOMIC.



V-Rail Lifter shown with optional roll handling end-effector.

The Positech Vertical Rail Lifter consists of a rigid vertical beam with moving rollers, which creates a stable lifting platform and eliminates swinging of a cable or chain. With 400 pounds of lift capacity and up to 100 inches of vertical travel, the V-Rail Lifter can be used as an ergonomic lift assist for reach-in, under and around obstacles.

### For Performance and Quality

- 400 lbs. lift capacity and up to 100 inches of vertical travel
- Low Maintenance
- Does not require an air lubricator
- Allows for reach-in and off-center applications
- 360° continuous rotation around vertical axis
- Pneumatically operated, requires clean dry input pressure
- Mounting Options: overhead platform trolley or on a Positech Articulated Jib Boom

### Positech Advantages

- 5:1 design factor minimum on all structural components
- Narrow design of the lift assembly minimizes obstructions in the operator's line of sight
- Great for low headroom applications which require maximum vertical lift
- Lightweight and compact, easy to maneuver
- Multiple options available including: main post brakes, bridge brakes and trolley platform brakes

Model	Lift Capacity* lbs (kg)	Moment Capacity in-lbs (N-m)	Stroke in (mm)
VRL400	400 (180)	6500 (734)	100 (2540)

Requires 90 psi (6.21 bar) clean, dry air to operate at capacity  
\*Includes payload and end-effector



### Custom End-effectors

Customized end-effectors, operator controls and specialized pneumatic circuitry are available to meet your requirements.

Positech®