

CentraAir® Series

Air-Powered Dock Leveler



25K - 50K
CIR | **6' - 7'**
WIDTH | **6' - 10'**
LENGTH

FEATURES

- Proven industrial air bellows technology
- Lip-supporting service strut
- Multiple position safety stop
- Pneumatic or electrical push-button controls
- Powered by compressed air system
- Reduces electrical footprint
- Regulator filter lubricator provides clean compressed air
- Safety-yellow, full-range toe guards
- Suitable for hazardous locations
- Below-dock end-loading capability
- CleanSweep frame design
- Four-sided box construction deck assembly
- Lockout/tagout maintenance strut
- Night locks/cross traffic support
- Designed and manufactured in the USA

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* CentraAir shown with CleanSweep frame,
optional weather seal, lip dampeners and
standalone pneumatic controller.
Patent US 8, 627, 529.

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POWERAMP
Premium Loading Dock Systems

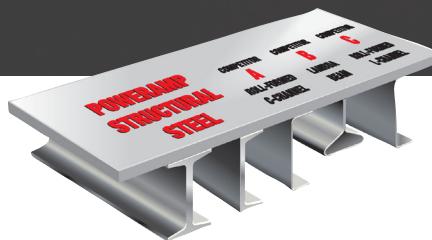
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OPERATION

The Poweramp CentraAir® Series Leveler utilizes compressed air and is available with pneumatic or electrical push-button activation to raise the leveler and automatically extend the lip. The standard lip is 16", with an operating range of 12" above and below dock level. The platform is designed to compensate for canted truck beds up to 4" and remain flush with the dock floor.

SAFETY FEATURES

- Dual-pivoting, cross-traffic legs for multi-position safety in the event of early departure
- Built-in lockout/tagout maintenance inspection strut
- Full-range toe guards close off sides even at the highest position
- Lip keepers for cross-traffic support and automatic night lock security against theft



Steel belted rubber bellows system uses compressed air to raise platform.

COMPRESSED AIR

The CentraAir Leveler operates off existing plant air, or a dedicated compressor, regulated at approximately 90 psi. When used with pneumatic controls, the CA requires no electricity to the individual unit, making it ideal for wash down or explosion proof applications. This also reduces the electrical footprint of the levelers and lowers the cost of electrical installation.

If the electrical push button option is desired, the control utilizes a 115V circuit to power an extremely low amp (.073 amp) solenoid which activates the system.

VEHICLE RESTRAINTS & ACCESSORIES

For enhanced safety, we recommend all Poweramp levelers be equipped with light communication, iDock Controls, and vehicle restraints, which help prevent unexpected trailer departure from the loading dock. Safety barriers are also available to prevent forklift trucks from driving over the dock edge.

CONSTRUCTION

The CentraAir Series uses the same technology found in trailer air-ride suspension. The CA steel-belted rubber bladder lifting mechanism is built with an industrial automotive-grade bellows system, which exhausts air through a cartridge valve located in the pit, and has a maximum lifting capacity of 50,000 lbs. All Poweramp levelers are built with a durable four-sided box construction. The use of structural steel C-channels or I-beams create substantially more deck support than other levelers.



CENTRAAIR® SERIES COMMON OPTIONS

- Custom interlocking
- Desiccant dryer/regulator module
- Dock alert light communication system
- Dock lights
- Extended lip sizes (18" and 20")
- Foam insulated deck
- Integrated control panel
- Safety barrier lip
- Vehicle restraint
- Weather seal (brush or rubber)



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Designed, Engineered, and Manufactured in the U.S.A.
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Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation.

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