

# CentraAir® Series Air-Powered Dock Leveler



**25K - 55K**  
CIR

**6' - 7'**  
WIDTH

**6' - 10'**  
LENGTH

## FEATURES

- Explosion-proof due to its use of air operation instead of hydraulics
- Lip-supporting service strut
- Pneumatic or electrical push-button controls
- Positive lip extension with yieldable lip
- Powered by compressed air system
- Proven industrial air bellows technology
- Reduces electrical footprint
- Regulator filter lubricator provides clean compressed air
- Safety-yellow full-range toe guards
- Structural C and I beam deck supports (45K and above)
- B410-14 laminated dock bumpers
- Below-dock end-load capability
- Full-width rear hinge mounted in compression with structural channel support
- Integral maintenance strut is lockout/tagout compliant
- Subframe design allows for easy pit clean out
- Designed and manufactured in USA

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with

**myQ®**  
**Enterprise**

*\* CentraAir shown with pneumatic controls and stand alone controller.  
Patent US 8, 627, 529.*

# CentraAir® Series

## Air-Powered Dock Leveler

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### OPERATION

The McGuire CentraAir® (CA) Series Leveler operates with compressed air and is available with pneumatic or electrical “push button” activation. The dock attendant simply pushes and holds the raise button on the dock controls, which raises the leveler and extends the lip automatically. Releasing the raise button will permit the leveler to float down to the bed of the truck. The standard lip is 16” and operating range is 12” above and 12” below dock level. The platform is designed to compensate for canted truck beds up to 4” and remain flush with the dock floor.

### 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.



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

### SAFETY FEATURES

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

### VEHICLE RESTRAINTS & ACCESSORIES

For enhanced safety, we recommend all McGuire 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

Using the same technology found in 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 55,000 lbs.



McGuire also has the only dock leveler that employs a full width rear hinge mounted in compression, using a 1” diameter solid steel rod.

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### CONNECTIVITY

Optional iDock® 2.0 Controls with online connection to myQ® Enterprise.



### CENTRAAIR® SERIES COMMON OPTIONS

- 3-wheel offset forklift protection
- Custom interlocking
- Desiccant dryer/regulator module
- Dock lights
- Extended lip sizes (18” and 20”)
- Foam insulated deck
- Integrated control panel
- Integrated vehicle restraint
- LCS (light communication system)
- Pan unit (4 sided) or Pit kit (3 sided)
- Safety barrier lip
- 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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