

AIR POWERED DOCK LEVELER



* CentraAir® shown with pneumatic controls. Patent US 8, 627, 529

- ▶ Pneumatic or Electrical Push Button Controls
- ▶ Reduces electrical footprint
- ▶ Powered by in-plant air system or dedicated compressor
- ▶ Full width rear hinge mounted in compression with structural channel support
- ▶ Proven industrial air bellows technology
- ▶ Low maintenance design - few moving parts
- ▶ Automatic lip extension
- ▶ Below dock end-loading capability
- ▶ Automatic lip extension with yieldable lip
- ▶ Installed FRL air lubricator to operate in cold weather
- ▶ Made in the USA



Quick connect fittings for simple installation.



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



Optional iDock® Controls with online connection to myQ® Dock Management.

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.

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 AND ACCESSORIES

For a safer loading dock, all McGuire levelers can be equipped with a light communication system, 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.



All McGuire Levelers are built with a durable four-sided box construction. McGuire also has the only dock leveler that employs a full width rear hinge mounted in compression, using a 1” diameter solid steel rod.

CentraAir® Series Common Options

- ▶ Integrated Control Panel
- ▶ Compressor Options
- ▶ Desiccant Dryer/Regulator module
- ▶ Extended Lip Sizes (18” and 20”)
- ▶ Weather Seal (Brush or Rubber)
- ▶ Foam Insulated Deck
- ▶ Extended Reach Air Wand for Housekeeping
- ▶ Integrated Vehicle Restraint
- ▶ LCS (Light Communication System)

Model - Nominal Size

▶ CA66	6' x 6'	CA6510	6'6" x 10'
▶ CA68	6' x 8'	CA76	7' x 6'
▶ CA610	6' x 10'	CA78	7' x 8'
▶ CA656	6'6" x 6'	CA710	7' x 10'
▶ CA658	6'6" x 8'		

Capacity Range 25,000 - 55,000 lbs.



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