

McGUIRE
A Division of Systems, LLC

www.Cannon, Inc.

Design. Layout. Build. Install.

1-800-442-3061

www.wwcannon.com

MP Series

Mechanical Dock Leveler



25K - 55K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

FEATURES

- Easy pull-chain activation with fingertip release
- Lip-supporting service strut
- Positive lip extension with yieldable lip
- Structural C and I beam deck supports (45K and above)
- Simple operation with a cam and roller counter balance system that assures smooth dependable walk down
- Unique hold-down assembly provides full float and automatic release capability with air ride trailers
- 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
- Design and manufactured in USA

Connect online
with

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** MP6855 shown with structural
C & I beam deck supports and optional
weather seal.*

McGUIRE
A Division of Systems, LLC

MP Series Mechanical Dock Leveler

25K - 55K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

OPERATION

The McGuire MP Series is a manually operated leveler. The dock attendant simply pulls the release chain at the rear of the platform. A multi-spring counterbalance assembly then raises the leveler and a fully yieldable hinged lip is automatically extended at the top of the upward travel.

The attendant walks the platform down onto the trailer bed. If the trailer bed is below dock level the attendant activates a second pull chain at the front of the platform during the walk down. 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. A full float hold down provides platform float for vertical trailer movement.

SAFETY FEATURES

- Dual pivoting cross traffic legs for multi position safety at dock level and below in the event of early departure
- Built in lockout/tagout maintenance inspection strut
- Lip keepers for cross traffic support and automatic night lock security against theft

CONSTRUCTION

The MP Series is designed with dependability and toughness for a smooth reliable operation. Each leveler is built with a structural steel frame and finished with a slate blue color as the standard, though other options are available. 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.

VEHICLE RESTRAINTS & ACCESSORIES

For enhanced safety, all McGuire levelers can be equipped with light communication, iDock® Controls, and vehicle restraints, which help prevent unexpected trailer departure from the loading dock.

MP SERIES COMMON OPTIONS

- 3-wheel offset forklift protection
- Dock lights
- Extended lip sizes (18" and 20")
- Foam insulated deck
- Integrated vehicle restraint
- LCS (light communication system)
- Pan unit (4 sided) or Pit kit (3 sided)
- Safety yellow full-range toe guards
- Weather seal (brush or rubber)



McGUIRE
A Division of Systems, LLC



MA Series Air-Powered Dock Leveler



25K - 55K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

FEATURES

- 115V single phase motor with simple plug end
- Lip-supporting service strut
- Push-button activation
- Safety yellow full-range toe guards
- Positive lip extension with yieldable lip
- 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
- Design and manufactured in USA

Connect online
with

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** MA7855 shown with structural
C & I beam deck supports, stand alone
controller and optional weather seal.*

McGUIRE
A Division of Systems, LLC

MA Series

Air-Powered Dock Leveler

25K - 55K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

OPERATION

The McGuire MA Series leveler utilizes an air bag lifting mechanism with 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 at dock level and below in the event of early departure
- 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



Low pressure 115V/1PH fan motor provides a high volume air supply to reliably activate and position leveler.

CONSTRUCTION

The MA Series is designed with dependability and toughness in mind for medium to light duty applications. Each leveler is built with a structural steel frame and finished with a slate blue color as the standard, though other options are available. 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.

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CONNECTIVITY

Optional iDock[®] Controls with online connection to myQ[®] Enterprise.



VEHICLE RESTRAINTS & ACCESSORIES

For enhanced safety, all McGuire levelers can 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.

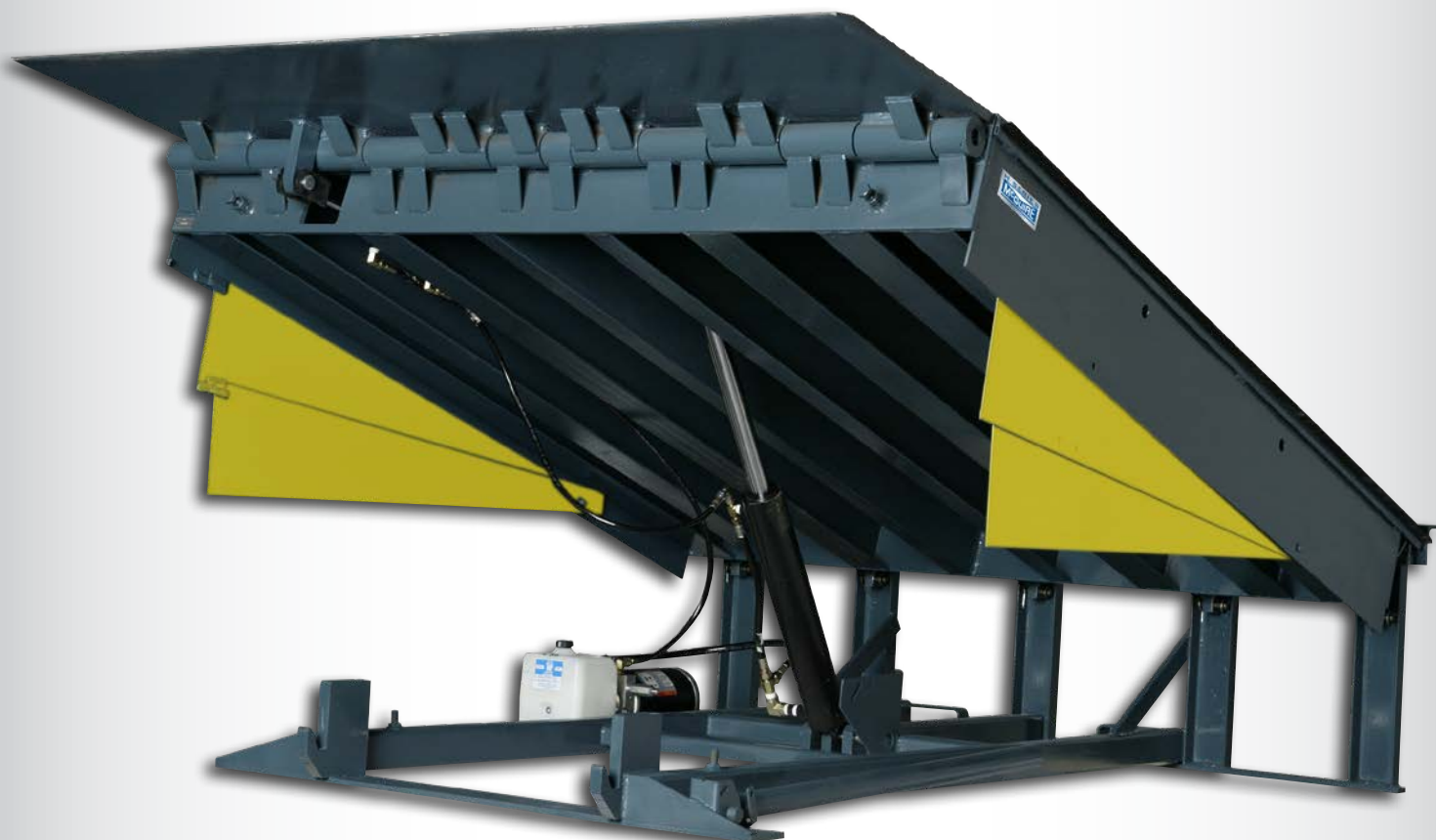
MA SERIES

COMMON OPTIONS

- 3-wheel offset forklift protection
- Custom interlocking
- 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)



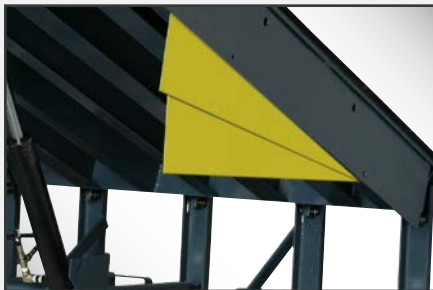
NIVELADOR HIDRÁULICO DE MUELLE/ANDÉN



** Se muestra HP7840 con sello a prueba de intemperie opcional.*



- ▶ Accionamiento fácil con botón pulsador para un funcionamiento constante y sin problemas con un sistema hidráulico que proporciona oscilación completa en todas las posiciones
- ▶ Extensión y retracción positivas de reborde con control hidráulico regenerativo verdadero
- ▶ Capacidad de carga final bajo el muelle/andén
- ▶ Bisagra posterior de ancho completo montada por compresión con un soporte de canal estructural
- ▶ El diseño de bastidor auxiliar permite una limpieza fácil del pozo
- ▶ La protección hidráulica en caso de fallas con fusible de velocidad detiene la plataforma dentro de 3 a 8 cm (1" a 3") en una situación de caída libre
- ▶ El puntal de mantenimiento integral cumple con el procedimiento de bloqueo y etiquetado
- ▶ Parachoques laminados para muelle/andén B410-14
- ▶ Hecho en EE. UU.



Guardapiés de estilo deslizante de alcance completo para una mayor seguridad.



Los cilindros de puerto doble permiten que el líquido hidráulico se desplace en ambas direcciones en un sistema regenerativo.



iDock Controls mejorados opcionales con pantalla de mensajes interactiva y que se pueden integrar con cualquier otro equipo de andén.

OPERACIÓN

El nivelador de la serie HP de McGuire utiliza un accionamiento hidráulico con activación con botón pulsador. El encargado del muelle/andén simplemente mantiene presionado el botón Raise (Eleva) en los controles del muelle/andén, el que eleva el nivelador y extiende el reborde automáticamente. Soltar el botón Raise (Eleva) permitirá que el nivelador oscile hacia abajo hasta la cama del remolque. El reborde estándar mide 41 cm (16") y el margen de funcionamiento es de 30 cm (12") sobre y 30 cm (12") bajo el nivel del muelle/andén. La plataforma está diseñada para compensar las camas de camión inclinadas en hasta 10 cm (4") y permanecer nivelada con el piso del muelle/andén. La plataforma y el reborde se mueven hacia arriba y hacia abajo con presión hidráulica constante.

COMPONENTES HIDRÁULICOS Y ELÉCTRICOS

La plataforma se eleva mediante un cilindro hidráulico principal, mientras que el reborde se controla mediante un cilindro hidráulico del reborde. La bomba hidráulica, el múltiple y el depósito translúcido son un conjunto integral, con mangueras que pasan bajo la plataforma y que están alejadas de los escombros.

El motor es TENV de 1.25 HP a 120 V o 208 V monofásico, o a 208 V, 230 V o 460 V trifásico. Todos los componentes, conexiones y cableado de control aparecen en la lista de UL, o están reconocidos por el organismo. Los paneles de control se fabrican en un taller de paneles de control de McGuire aprobado por UL.

CARACTERÍSTICAS DE SEGURIDAD

- Un fusible de velocidad limita la unidad a una caída de 3 a 8 cm (1" a 3") en una situación de caída libre.
- Los guardapiés telescópicos de alcance completo cierran los lados, incluso en la posición más alta.
- Los controles incluyen un interbloqueo de cortina de muelle/andén de manera estándar.
- Puntal de inspección de mantenimiento con bloqueo y etiquetado incorporados.
- Retenes de reborde para apoyo de tráfico cruzado y seguridad con bloqueo nocturno automático contra robos.

RETENEDORES DE VEHÍCULOS Y ACCESORIOS

Para un muelle/andén de carga más seguro, todos los niveladores McGuire se pueden equipar con un sistema de comunicación por luces y retenedores de vehículos, los que permiten evitar una salida inesperada del remolque del muelle/andén de carga. También hay barreras de seguridad disponibles para evitar la conducción de los montacargas sobre el borde del muelle/andén.



FABRICACIÓN

La serie HP está diseñada pensando en la confiabilidad y la resistencia para aplicaciones de servicio mediano a ligero. Cada nivelador está fabricado con un bastidor de acero estructural con color azul pizarra de manera estándar, aunque hay otras opciones disponibles. Este nivelador tiene una clasificación comparativa de la industria (CIR, Comparative Industry Rating) máxima de 18,150 kg (40,000 lb).



Todos los niveladores McGuire están fabricados con una construcción duradera de caja de cuatro lados. McGuire también tiene el único nivelador de muelle/andén que emplea una bisagra posterior de ancho completo montada por compresión, con una varilla de acero sólido de 3 cm (1") de diámetro.

Opciones comunes de la serie HP

- ▶ Panel de control integrado
- ▶ Retorno automático al muelle/andén
- ▶ Botón tipo hongo de parada de emergencia
- ▶ Control de reborde independiente
- ▶ Tamaños de reborde extendido (46 cm y 51 cm [18" y 20"])
- ▶ Protección para montacargas de 3 ruedas
- ▶ Sello a prueba de intemperie (cepillo o de hule)
- ▶ Reborde de barrera de seguridad de 13 cm (5") de alto
- ▶ Retenedor de vehículos integrado
- ▶ LCS (Light Communication System, Sistema de comunicación por luces)
- ▶ Unidad de bandeja (4 lados) o Kit para pozo (3 lados)

Modelo: Tamaño nominal

▶ HP66	6' x 6' (1.8 m x 1.8 m)	HP6510	6'6" x 10' (2 m x 3 m)
▶ HP68	6' x 8' (1.8 m x 2.4 m)	HP76	7' x 6' (2.1 m x 1.8 m)
▶ HP610	6' x 10' (1.8 m x 3 m)	HP78	7' x 8' (2.1 m x 2.4 m)
▶ HP656	6'6" x 6' (2 m x 1.8 m)	HP710	7' x 10' (2.1 m x 3 m)
▶ HP658	6'6" x 8' (2 m x 2.4 m)		

Margen de capacidad: 11,300 a 18,150 kg (25,000 a 40,000 lb)

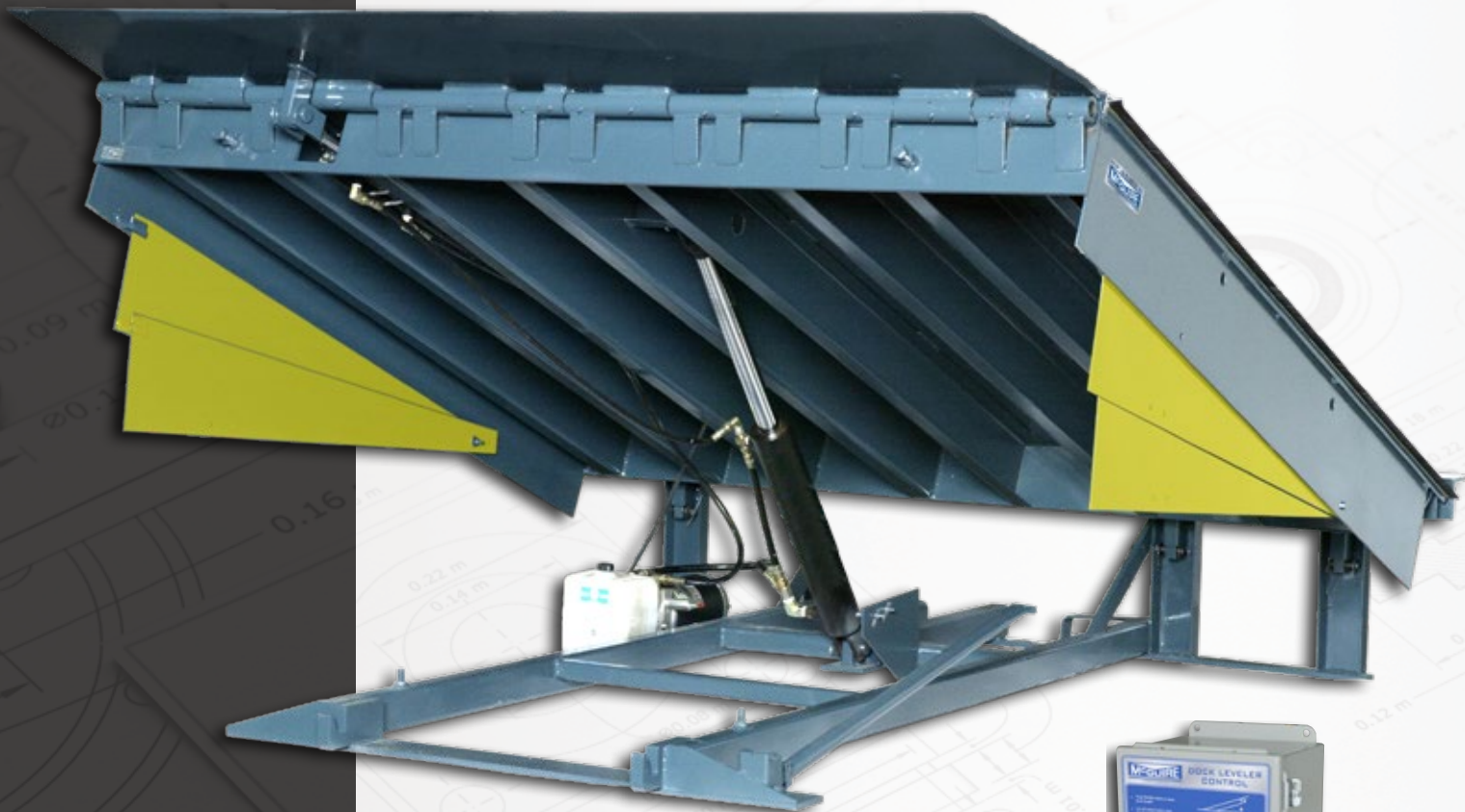
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HP Series Hydraulic Dock Leveler



25K - 40K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

FEATURES

- Easy push-button operation for smooth, consistent operation with a hydraulic system that provides for full float at all positions
- Positive lip extension and retraction with true regenerative hydraulic control
- Safety yellow full-range toe guards
- Structural C and I beam deck supports (45K and above)
- Velocity fuse hydraulic fail safe stops platform within 1" to 3" in free fall situation
- 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
- Design and manufactured in USA

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** HP7840 shown with optional weather seal
and stand alone controller.*

McGUIRE
A Division of Systems, LLC

HP Series Hydraulic Dock Leveler

25K - 40K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

OPERATION

The McGuire HP Series leveler utilizes a hydraulic operation with push-button activation to raise the leveler and automatically extend the lip. The standard lip is 16" (18" on 75,000 and 100,000 lb. capacities), 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

- A velocity fuse limits the unit to a 1" to 3" drop in a free fall situation
- Full range telescoping toe guards close off sides even in highest position
- Controls come standard with dock door interlock
- Built-in lockout/tagout maintenance inspection strut
- Lip keepers for cross traffic support and automatic night lock security against theft



Dual port cylinders allow hydraulic fluid to travel in both directions for a regenerative system.

VEHICLE RESTRAINTS & ACCESSORIES

For enhanced safety, all McGuire levelers can 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 HP Series is designed with dependability and toughness in mind for medium to light duty applications. Each leveler is built with a structural steel frame and finished with a slate blue color as the standard, though other options are available. 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.



CONNECTIVITY

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



HP SERIES COMMON OPTIONS

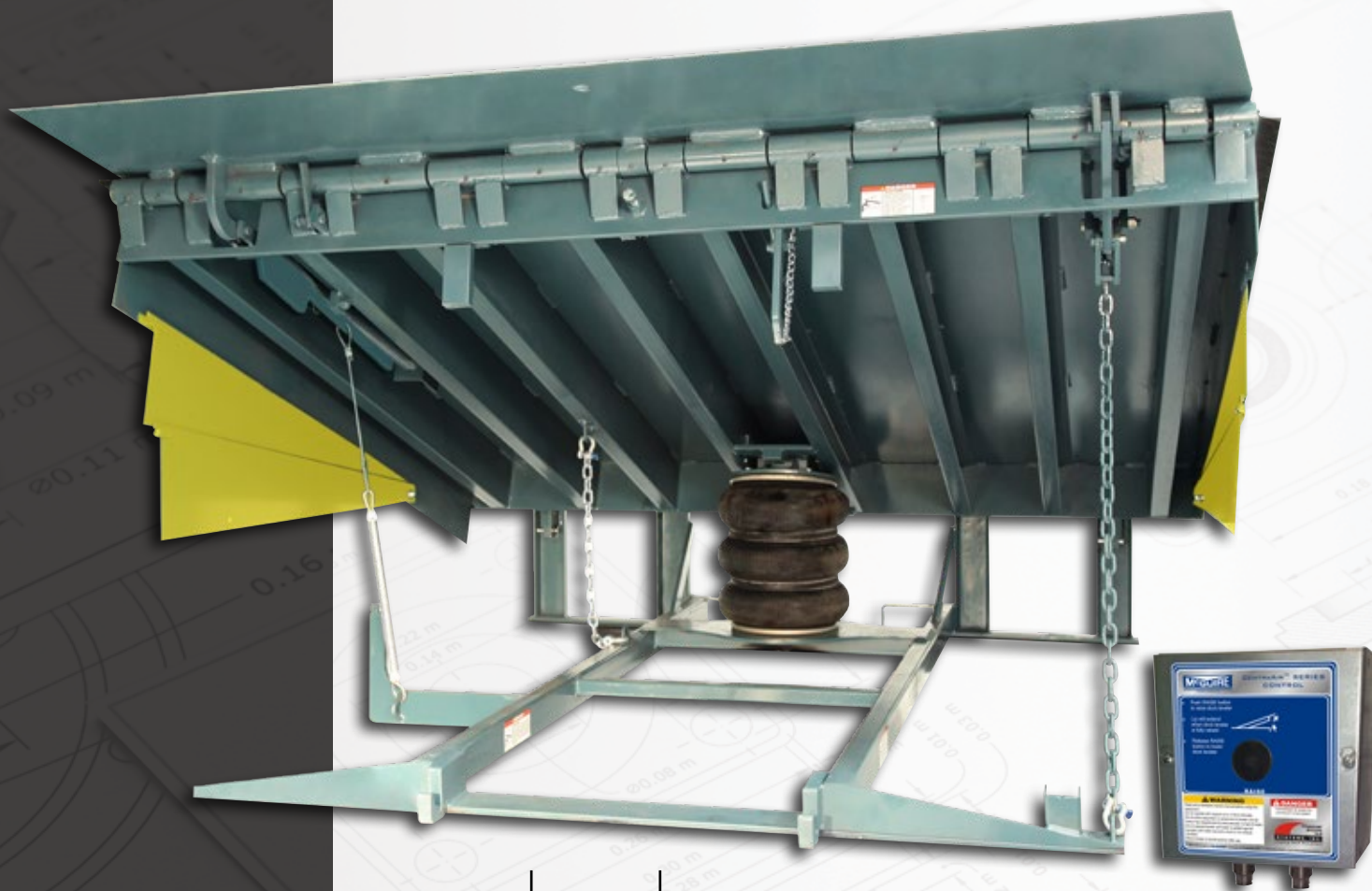
- 3-wheel offset forklift protection
- Custom interlocking
- Dock lights
- Emergency stop button
- Extended lip sizes (18" and 20")
- Foam insulated deck
- Independent lip control
- Integrated control panel
- Integrated vehicle restraint
- LCS (light communication system)
- Pan unit (4 sided) or Pit kit (3 sided)
- Safety barrier lip
- Weather seal (brush or rubber)



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A Division of Systems, LLC



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
- Design and manufactured in USA

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with

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

McGUIRE
A Division of Systems, LLC

CentraAir® Series

Air-Powered Dock Leveler

25K - 55K
CIR

6' - 7'
WIDTH

6' - 10'
LENGTH

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, all McGuire levelers can 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.



CONNECTIVITY

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

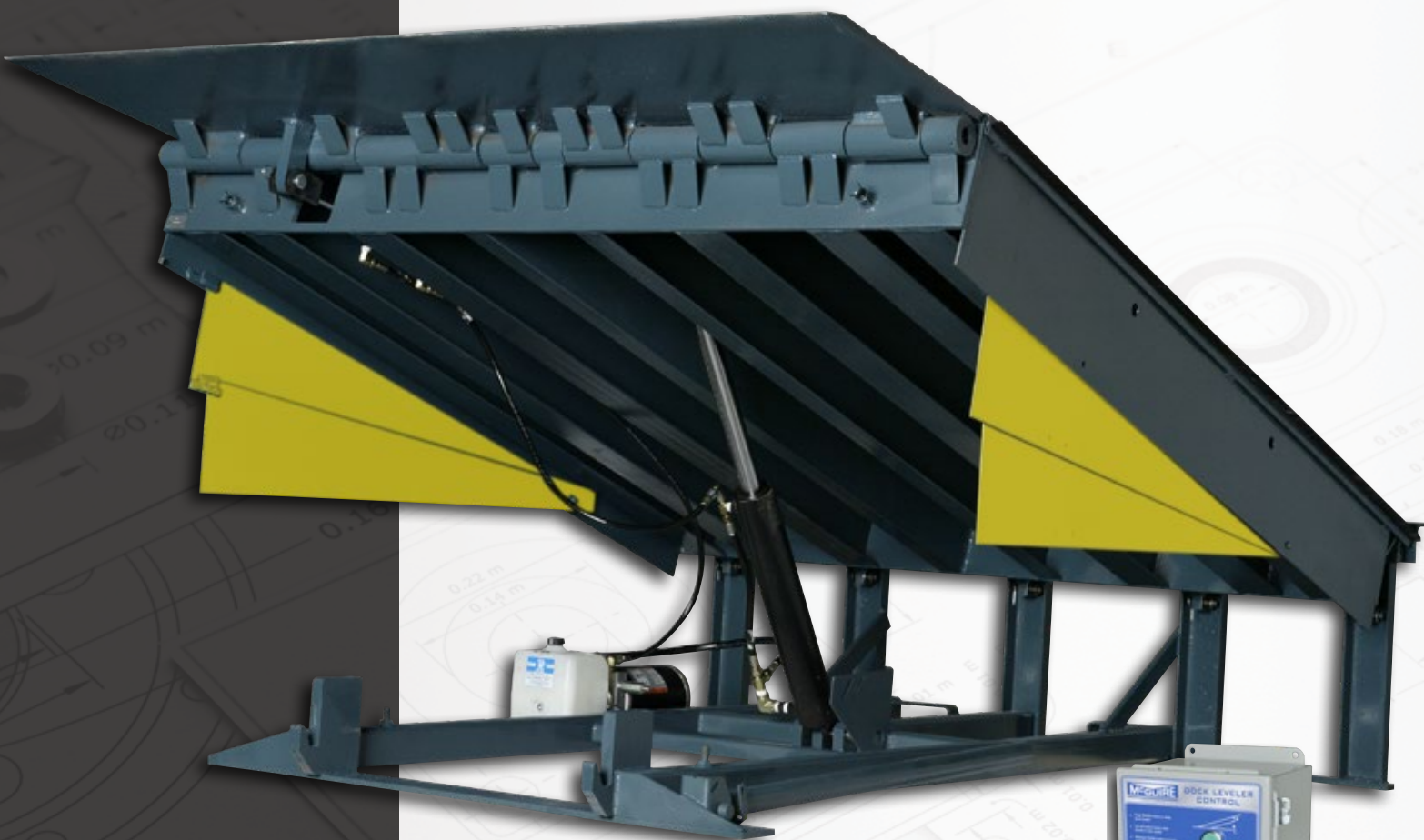


CENTRAAIR® SERIES COMMON OPTIONS

- 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)



Autodok® H Series Hydraulic Dock Leveler



**45K - 100K
CIR**

**6' - 7'
WIDTH**

**6' - 12'
LENGTH**



FEATURES

- Easy push-button operation for smooth, consistent operation with a hydraulic system that provides for full float at all positions
- Positive lip extension and retraction with true regenerative hydraulic control
- Safety yellow full-range toe guards
- Structural C and I beam deck supports (45K and above)
- Velocity fuse hydraulic fail safe stops platform within 1" to 3" in free fall situation
- 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
- Design and manufactured in USA

Connect online
with

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** H7875 shown with standard 24" deep frame, stand alone controller and optional weather seal.*

Autodok® H Series Hydraulic Dock Leveler

45K - 100K
CIR

6' - 7'
WIDTH

6' - 12'
LENGTH

OPERATION

The McGuire Autodok® H Series Leveler utilizes a hydraulic operation with push-button activation to raise the leveler and automatically extend the lip. The standard lip is 16" (18" on 75,000 and 100,000 lb. capacities), 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

- A velocity fuse limits the unit to a 1" to 3" drop in a free fall situation
- Full-range telescoping toe guards close off sides even in highest position
- Controls come standard with dock door interlock
- Built-in lockout/tagout maintenance inspection strut
- Lip keepers for cross traffic support and automatic night lock security against theft

CONSTRUCTION

The Autodok H Series is built with structural steel C channels and I beams for stronger deck support. Each leveler is built with a structural steel frame and finished with a slate blue color as the standard, though other options are available. 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.



CONNECTIVITY

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



VEHICLE RESTRAINTS & 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.

AUTODOK® H SERIES COMMON OPTIONS

- Custom interlocking
- Dock lights
- Emergency stop button
- Extended lip sizes (18" and 20")
- Foam insulated deck
- Independent Lip Control
- 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)

