



LOADING DOCK SYSTEMS



The Ideal solution for



FOOD
INDUSTRY



LOGISTICS /
DISTRIBUTION
CENTERS



AUTOMOTIVE
INDUSTRY



WAREHOUSES



MANUFACTURING
PLANTS

ELECTROHYDRAULIC DOCK LEVELERS WITH HINGED LIP

The GLAXTIC electrohydraulic dock leveler with hinged lip is a highly reliable device that facilitates loading and unloading operations efficiently. When activated, the deck rises, and the hinged lip extends. The dock leveler then lowers until the lip rests securely on the truck bed, making the system ready for use. Once loading or unloading is completed, the deck rises again, the lip retracts, and the deck returns to its resting position. The dock leveler can be installed either by embedding it into the structure or using a suspended installation method. Upon request, it can be supplied with low-temperature oil suitable for conditions as cold as -50°C . GLAXTIC dock levelers comply with the European standard EN 1398, ensuring they meet all relevant safety and performance regulations.



DIMENSIONS/FEATURES

Length, mm	2 000/2 500/3 000/3 500/4 000/4 500
Width, mm	1 800/2 000/2 200
Working range	
• above dock, mm	0–550 mm
• below dock, mm	0–350 mm
Colour*	signal blue (RAL 5005) /Jet black (RAL 9005)
Amount of lift cylinders	
• standard	1
• upon request	2

* powder coating with preliminary shot blasting.

PERFORMANCE

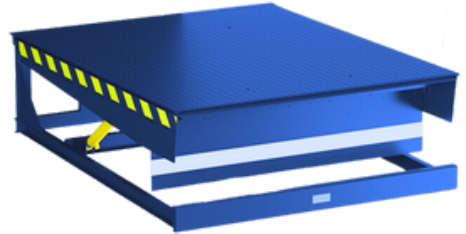
Load capacity	6 000 kg/10 000 kg
Motor hydraulic unit	0,75 kW
Supply voltage	380V, 3 phases
Control voltage	24V
Control unit protection class	iP54
Working fluid	Mobil DTe10 eXCeL
Class of surface cleaning before painting	sa2
Thickness of painted layer	60–90 micron
Operation temperature range	from -30 to $+50^{\circ}\text{C}$

PACKAGE

	Standard	Option
Mounting type	Embedded/suspended	Other upon request
Colour	Signal blue (ral 5005)/Jet black (RAL 9005)	Other upon request
Lip	length — 400 mm	Length — 500 mm, segmented lip, tapered lip
Hydraulic system	1 lift cylinder, 1 control cylinder	2 lift cylinders, low temperature oil -50°C
Bumpers		see Page 29
Seal	Pvc-seal along perimeter	for dock levelers > 3 000 mm
Heat insulation		Polyurethane foam insulation under upper deck
Load capacity	6 000/10 000 kg	Others upon request
Working range	From -350 to $+550$ mm	Others upon request

ELECTROHYDRAULIC DOCK LEVELERS WITH TELESCOPIC LIP

The GLAXTIC electrohydraulic dock leveler with telescopic lip is an efficient solution for enabling forklift access between the warehouse and truck bed during loading and unloading. It is ideal for precise lip positioning, especially when trucks are misaligned or require side loading. The segmented lip design accommodates narrower trucks. When activated, the deck rises, the lip extends, and the deck lowers to secure the lip on the truck bed. After use, the lip retracts, and the dock leveler returns to its resting position. It can be installed embedded or suspended and is available with low-temperature oil for conditions as cold as -50°C. GLAXTIC dock levelers meet the European standard EN 1398, ensuring safety and performance compliance.



DIMENSIONS/FEATURES

length, mm	2 500/3 000/3 500/4 000
width, mm	2 000/2 200/2 400
working range	
Above the dock, mm	0-480 mm
Below the dock, mm	0-430 mm
colour*	signal blue (RAL 5005) /Jet black (RAL 9005)
amount of lift cylinders	2

* Powder coating with preliminary shot blasting.

PERFORMANCE

Load capacity	6 000 kg/10 000 kg
Motor hydraulic unit	1,1 kW
Supply voltage	380V, 3 phases
Control voltage	24V
Control unit protection rating	IP54
Working fluid	Mobil DTe10 eXCeL
Class of surface cleaning before painting	sa2
Operation temperature range	from -30 to +50°C

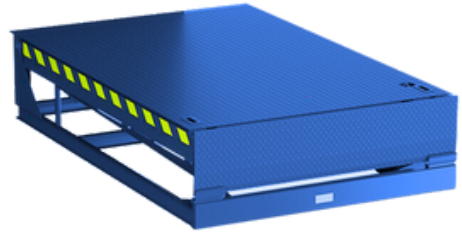
PACKAGE

	Standard	Option
Mounting type	Embedded/suspended	Other upon request
Colour	Signal blue (ral 5005) /Jet black (RAL 9005)	Other upon request
Lip	length — 500/1 000 mm	Segmented/tapered lip
Hydraulic system	2 lift cylinders, 1 lip control cylinder	Oil for operation at low temperatures -50°C
Seal	Pvc-seal along the perimeter	For dock levelers > 3 000 mm
Load capacity	6 000/10 000 kg	Other upon request
Working range	From -520 to +560 mm	Other upon request

MECHANICAL DOCK LEVELER

The GLAXTIC mechanical dock leveler does not require a power supply and serves as an excellent alternative to the electrohydraulic dock leveler when electricity is unavailable. It requires the manual effort of two people to lift the upper deck, during which the lip automatically turns and opens. The deck then lowers until it rests securely on the truck bed. After loading or unloading is completed, the lip lowers, the deck rises, and it returns to its resting position.

The dock leveler can be installed either by embedding it into the structure or using a suspended installation method. GLAXTIC dock levelers comply with the European standard EN 1398, ensuring they meet all necessary safety and performance regulations.



DIMENSIONS/FEATURES

Length, mm	2 500
Width, mm	1 800/2 000
Working range	0-310
Above the dock, mm	
Below the dock, mm	0-300
Colour*	Signal blue (ral 5005) /Jet black (RAL 9005)

* powder coating with preliminary shot blasting.

PERFORMANCE

Load capacity	6 000 kg
Class of surface cleaning before painting	Sa2
Operation temperature range	From -30 to +50°C

PACKAGE

	STANDARD	Option
Lip	LENGTH — 400 MM	
Mounting type	EMBEDDED/SUSPENDED	Other upon request
Colour	JET BLACK (RAL 9005) / SIGNAL BLUE (RAL 5005)	Other upon request
Seal	PVC-SEAL ALONG THE PERIMETER	
Load capacity	6 000 KG	
Working range	FROM -300 TO 310 MM	

MECHANICAL FOLDING AND MOBILE TRACKS



MECHANICAL FOLDING TRACKS

GLAXTIC mechanical folding tracks are installed on open ramps to compensate for height differences of up to 360 mm, depending on the model. They are designed to work with trucks or trailers that have approximately the same height. During loading or unloading, the track can be lowered into the truck body using the side handle until the lip rests securely on the truck bed. Once the loading or unloading is completed, the track rises and returns to its original position.

Mechanical folding tracks are available in either stationary or sliding designs. The sliding folding track allows for loading and unloading in multiple locations by moving along a guide rail from one place to another. GLAXTIC mechanical folding tracks comply with the European standard EN 1398, ensuring adherence to safety and performance regulations.

DIMENSIONS/FEATURES

Length, mm	1 000/1 500
Width, mm	1 200/1 500/1 800/2 000
Working range	
Above the dock, mm	120–180
Below the dock, mm	120–180
Colour*	signal blue (RAL 5005) /Jet black (RAL 9005)

* powder coating with preliminary shot blasting.

PERFORMANCE

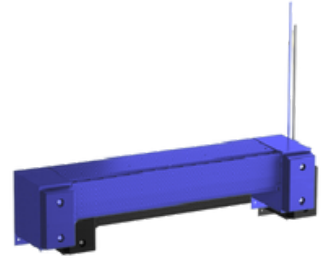
Load capacity	4 000 kg
Maximal point load	1,3 n/mm ²
Class of cleaning before painting	sa2
Operation temperature range	from -30 to +50 0C

PACKAGE

	STANDARD	Option
mounting type	stationary/sliding	Other upon request
colour	signal blue (RAL 5005)	Other upon request
lip	210 mm	
load capacity	4 000 kg (40 kn)	Other upon request

MECHANICAL EDGE OF DOCK LEVELLER

The GLAXTIC mechanical edge of dock leveler is an efficient and economical device designed for use with trucks that have approximately the same height as the loading ramp. It does not require a power supply, making it an ideal solution when installing an electrohydraulic dock leveler is not possible. It can be operated manually by one person using a special lever. When the upper deck is raised, the lip automatically turns and opens. The deck then lowers until it rests securely on the truck bed. After loading or unloading is completed, the lip lowers, the deck rises, and it returns to its resting position.



DIMENSIONS/FEATURES

Length, mm	500
Width, mm	1 600/1 800/2 000/2 200
Working range	
Above the dock, mm	0—100
Below the dock, mm	0—100
Colour*	signal blue (RAL 5005)/Jet black (RAL 9005)

* powder coating with preliminary shot blasting.

PERFORMANCE

Load capacity	6 000 kg
Class of surface cleaning before painting	Sa2
Operation temperature range	From -30 to +50 0c

PACKAGE

	Standard	Option
Lip	Length — 300 mm	Length — 400 mm
Mounting type	On the ramp	in the pit
Colour	signal blue (RAL 5005)	Other upon request
Seal		PVC-seal along the perimeter
Working range	from 100 to +100 mm	Other upon request

RETRACTABLE DOCK SHELTER

GLAXTIC dock shelter with an aluminum retractable structure is a classic model designed for installations where cargo traffic is moderate. The front sheets are made from high-elasticity, wear and tear resistant PVC. During loading and unloading, a portion of the truck body is positioned inside the dock shelter. The top and side sheets tightly cover the truck body, ensuring effective sealing.



DIMENSIONS/FEATURES

Width, mm	3 000/3 200/3 400
Height, mm	3 000/3 200/3 400/4 400
Upper sheet	
Standard	Single
Upon request	Double
Colour of profiles	White aluminium (ral 9006)

PERFORMANCE

Front pvc sheet	
Lengthwise tear resistance	More than 550 n
Widthwise tear resistance	more than 900 n
Ultimate tensile strength	250 n/mm
Metal friction coefficient	0,3
Pvc friction coefficient	0,4
Thickness	3 mm
Operation temperature	From -35 to +90 0c
Side pvc sheet	
Tear resistance	250 n
Thickness	0,5 mm
Operating temperature	From -35 to +70 0c
Aluminium frame	
Rear frame profiles	50 × 44 mm
Front frame profiles	45 × 44 mm
Brace	50 × 25 × 2,5 mm
Front clamping bar	34 × 4,8 mm

PACKAGE

	Standard	Option
Dock shelter depth	600 mm	900 mm
Upper sheet	Single	Double
Profile colour	White aluminium (ral 9006)	Other upon request
Seal	–	Small/large corner cushion in bottom part



INFLATABLE DOCK SHELTER

GLAXTIC Inflatable dock shelters provide the best sealing for temperature-controlled premises during loading and unloading operations. Inflatable cushions surround the truck body to create optimal sealing. These cushions are made from highly elastic, wear- and tear-resistant Cordura material. During loading and unloading, part of the truck body is positioned inside the dock shelter. The upper and side cushions inflate to ensure a tight seal between the truck body and the building. Once the loading/unloading process is completed, the cushions deflate. The inflatable dock shelters are controlled by either a switch or the dock leveler's control unit (if a special control unit with an inflatable dock shelter function is used). It is recommended to install wheel guides and metal bumpers for added safety and precision.

DIMENSIONS/FEATURES

Width, mm	3 410/3 610
Height, mm	3 300/3 800/4 900
Upper cushion extension, mm	900 (1 200)
Side cushion extension, mm	600
Upper decorative curtain, mm	500
Side decorative curtain, mm	200
Profile colour	White aluminium (RAL 9006)
Wall panel colour	signal white (RAL 9003)
Control	switch /dock leveler control unit

PERFORMANCE

Control system	
Supply voltage 1 or 3 phase	220/380 v, 50 hz
Motor	0,18—0,35kw
Control unit	External
Protection class of control unit	Ip54
Average time of cushion inflation	40 s
Operating temperature	from -35 to +70 Oc
Inflatable cushions	0,5 mm
Material	Cordura 1000
Thickness	0,5 mm
Ultimate tensile strength	More than 290n/mm
Sandwich panel	
Thickness	40 mm
Colour on inside/outside	Signal white (ral 9003)

PACKAGE

	Standard	Option
dock shelter depth	800 mm	Other upon request
Upper cushion extension	900 mm	1 200 mm
panel colour	signal white (RAL 9003)	Other upon request
profile colour	White aluminium (RAL 9006)	Other upon request
colour of decorative curtains and inflatable cushions	Black	
operation	switch	Dock leveler control unit