



GOLDVEST TRADING
(THAILAND) CO., LTD



DOCKING SYSTEMS



- **LOADING DOCK**
- **PVC STRIP CURTAIN AND PVC SHEET**
- **PVC SWING DOORS**
- **PVC HIGH SPEED AUTOMATIC DOORS**
- **INDUSTRIAL SECTIONAL OVERHEAD DOORS**

ELECTROHYDRAULIC DOCK LEVELERS WITH HINGED LIP

DLHH, DLHHi electrohydraulic dock leveler with hinged lip is the most typical device, that allows to arrange loading site and enables quick loading/unloading. When activated, the deck rises, the lip turns and opens. Then the dock leveler lowers until the lip rests on the truck bed. The system is ready for work. After loading/unloading is completed, the deck rises, the lip turns down and the deck returns to the rest position. Dock leveler can be installed by either embedded or suspended way. Upon customer's request, the dock leveler can be supplied with low temperature oil (-50°C). Dock levelers of DLHH, DLHHi series comply with rules and regulations of the european standard en 1398.



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)
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°C

PACKAGE

	Standard	Option
Mounting type	Embedded/suspended	Other upon request
Colour	Signal blue (ral 5005)	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 DOCKLEVELERS WITH TELESCOPIC LIP

DLHT, Ds, Dsi electrohydraulic dock leveler with telescopic lip is the most efficient device, which enables access of a forklift from the warehouse to the truck bed when loading/unloading. It is used, when there is a need in exact positioning of the lip on the truck bed, for instance, if the truck is not correctly parked, or if side loading is to be performed. Lip segments allow to load/unload the trucks, which width is less than width of the dock leveler.

After activation the deck rises and the lip slides ahead, then the deck lowers until the lip rests on the truck bed. After loading/unloading is completed, the deck rises, the lip slides in and the dock leveler returns to its rest position.

Dock leveler can be installed by either embedded or suspended way. Upon customer's request, the dock leveler can be supplied with low temperature oil (-50°C). Dock levelers of DLHT, Ds, Dsi series comply with rules and regulations of the European standard EN 1398.



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)
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)	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

MODL mechanical dock leveler does not require power supply and is a good alternative to the electric-hydraulic dock leveler in case power supply is not available. Manual efforts of 2 people are needed to rise the upper deck, at that the lip turns and opens automatically. Then the deck lowers until it rests on the truck bed. After loading/unloading is completed, the lip lowers; the deck rises and returns to its rest position. Dock leveler can be installed by either embedded or suspended way. Dock levelers of MODL series comply with the rules and regulations of the European standard EN 1398.



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)

* powder coating with preliminary shot blasting.

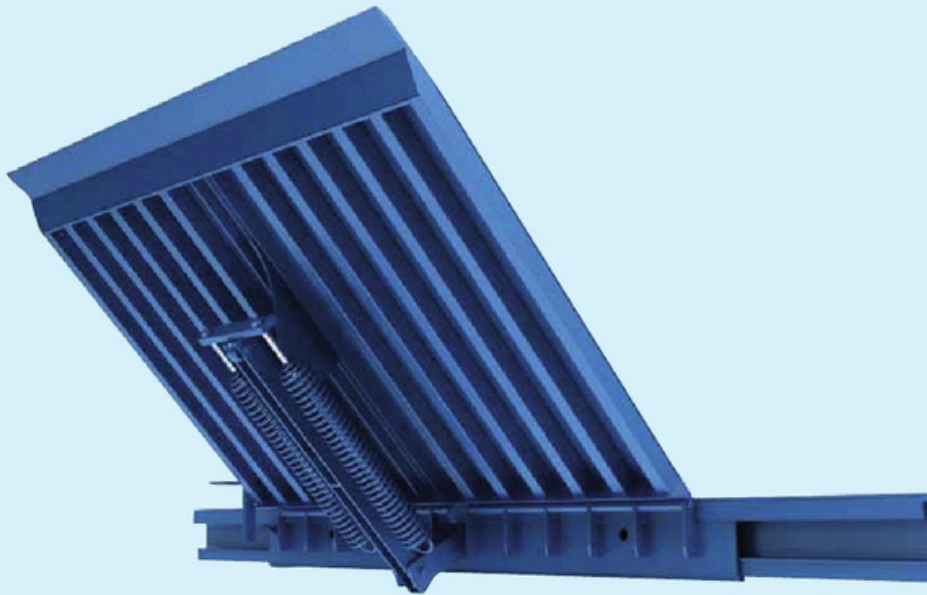
PERFORMANCE

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	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 DOCK LEVELER

Ft mechanical folding tracks are installed on open ramps to compensate height difference up to 360 mm, depending on a model. They are designed for work with trucks or trailers, which have approximately the same height. When loading/unloading the track can be lowered in the truck body using the side handle until the lip rests on the truck bed. After loading/unloading is completed, the track rises and returns to its original position. Mechanical folding tracks can have stationary or sliding design. Sliding folding track allows to load/unload in several places, moving along the guide rail from one place to another. Mechanical folding tracks of ft series complies with the rules and regulations of the european standard en 1398.

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)

* 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

DOCK SHELTER WITH ALUMINIUM RETRACTABLE STRUCTURE

DSHRT dock shelter with aluminium retractable structure is a classic model for installation where cargo traffic is moderate. The front sheets are made of high elasticity, wear and tear resistant PVC. During loading/unloading a part of the truck body is positioned inside the dock shelter. The top and side sheets cover tightly the truck body and ensure 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 x 44 mm
Front frame profiles	45 x 44 mm
Brace	50 x 25 x 2,5 mm
Front clamping bar	34 x 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

DSHINF inflatable dock shelters provide the best sealing of temperature controlled premises during the loading and unloading. Inflatable cushions cover the truck body around in a way that the optimal sealing is obtained. The cushions are made of high elastic, wear and tear resistant material cordura. During loading/unloading a part of the truck body is positioned inside the dock shelter. The upper and side cushions inflate to ensure high sealing between the truck body and the building. After loading/unloading is completed, the cushions deflate. The inflatable dock shelters are controlled by switch or the control unit of the dock leveler (if special control unit with function for inflatable dock shelter is used). It is recommended to mount wheel guides and metal baffles.



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 0c
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

**MDLM MECHANICAL SERIES DOCK LEVELER MINIDOK**

MDLM mechanical series dock leveler minidock is an efficient and economical device designed for using with trucks which have approximately the same height above the ramp level. It does not require a power supply and can be used when it is impossible to install an electro hydraulic dock leveler. Minidock can be operated manually by one person with a special lever. When the upper deck is raised the lip turns and opens automatically. Then the deck lowers until it rests on the truck bed. After loading/unloading is completed, the lip lowers; the deck rises and returns to its rest position. Dock leveler can be installed either on the ramp or in the pit (optionally).

**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)

* 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

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